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R290
no. 76-561

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UNITED STATES
DEPARTMENT OF THE INTERIOR
✓ GEOLOGICAL SURVEY

[Reports - Open file series] 76-561.

INTERPRETATION AND DESCRIPTION OF SEISMIC DATA
FROM LOWER COOK INLET, ALASKA

by

Michael A. Fisher

[1976]

U. S. GEOLOGICAL SURVEY
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Interpretation and Description of Seismic Data
from Lower Cook Inlet, Alaska

by

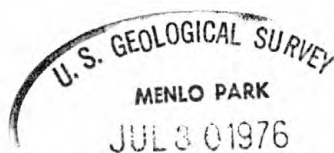
Michael A. Fisher

[Reports. Open file series]

Released: 7-76

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U. S. Geological Survey
Open-File Report 76-561

This report is preliminary and
has not been edited or reviewed
for conformity with Geological
Survey standards and nomenclature.



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Abstract

A coarse grid of 480 kilometres of seismic lines was collected in lower Cook Inlet, Alaska between Homer on the north and Cape Douglas on the south. Paper and mylar copies of the seismic sections and shot point maps are available to the public from NOAA in Boulder, Colorado.

The seismic data shows two strong reflections that have been interpreted as returns from erosional surfaces and a third reflection that represents the acoustic basement. From indications in the seismic data, shallow reflectors onlap to the northwest; deep reflectors onlap to the southeast. A major structural feature in lower Cook Inlet is an east-trending transbasin arch here informally named the Augustine-Seldovia arch. Anticlines smaller than the arch trend approximately northeast and may offer good structural traps for petroleum where they intersect the arch.

Field Operations and Data Quality

Under contract to the U.S. Geological Survey, Western Geophysical, Inc. of Houston, Texas acquired 480 kilometres of 36-fold seismic data in lower Cook Inlet, Alaska (figs. 1, 2). This seismic survey was conducted aboard the M/V Sitkin in July, 1975. A small scale shot point map is shown in figure 3. The signal was generated by simultaneous detonation of a rectangular array of six Aquapulse (TM) guns; two guns located forward and four guns aft. The Aquapulse gun explodes a mixture of propane, oxygen and air in an expandable rubber boot. The shot point interval was 33.5 metres (110 ft.) yielding 29.82 shots/kilometre (48 shots/mi.). The detectors were

(2)

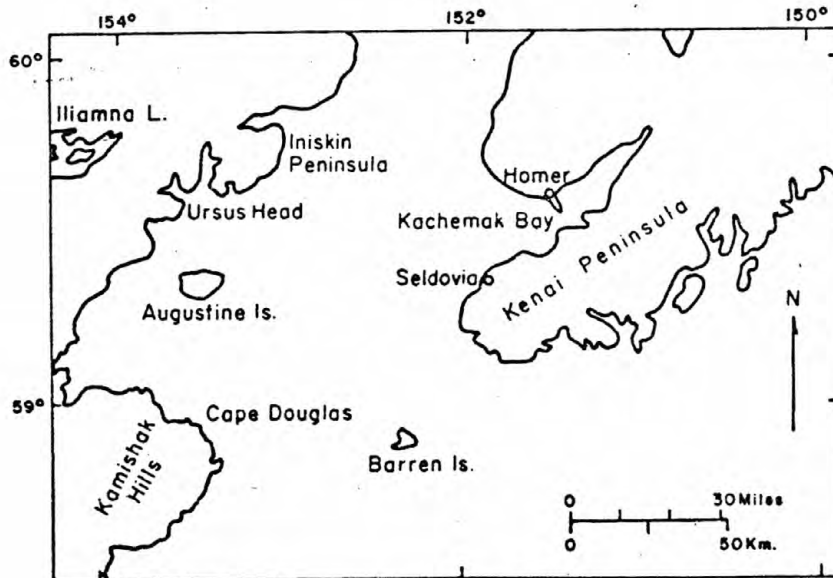


Figure 1. Geography of lower Cook Inlet

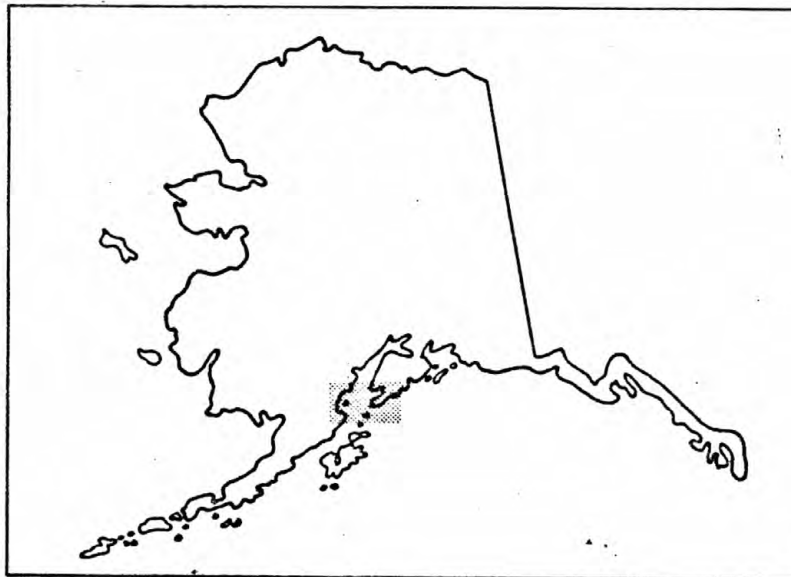
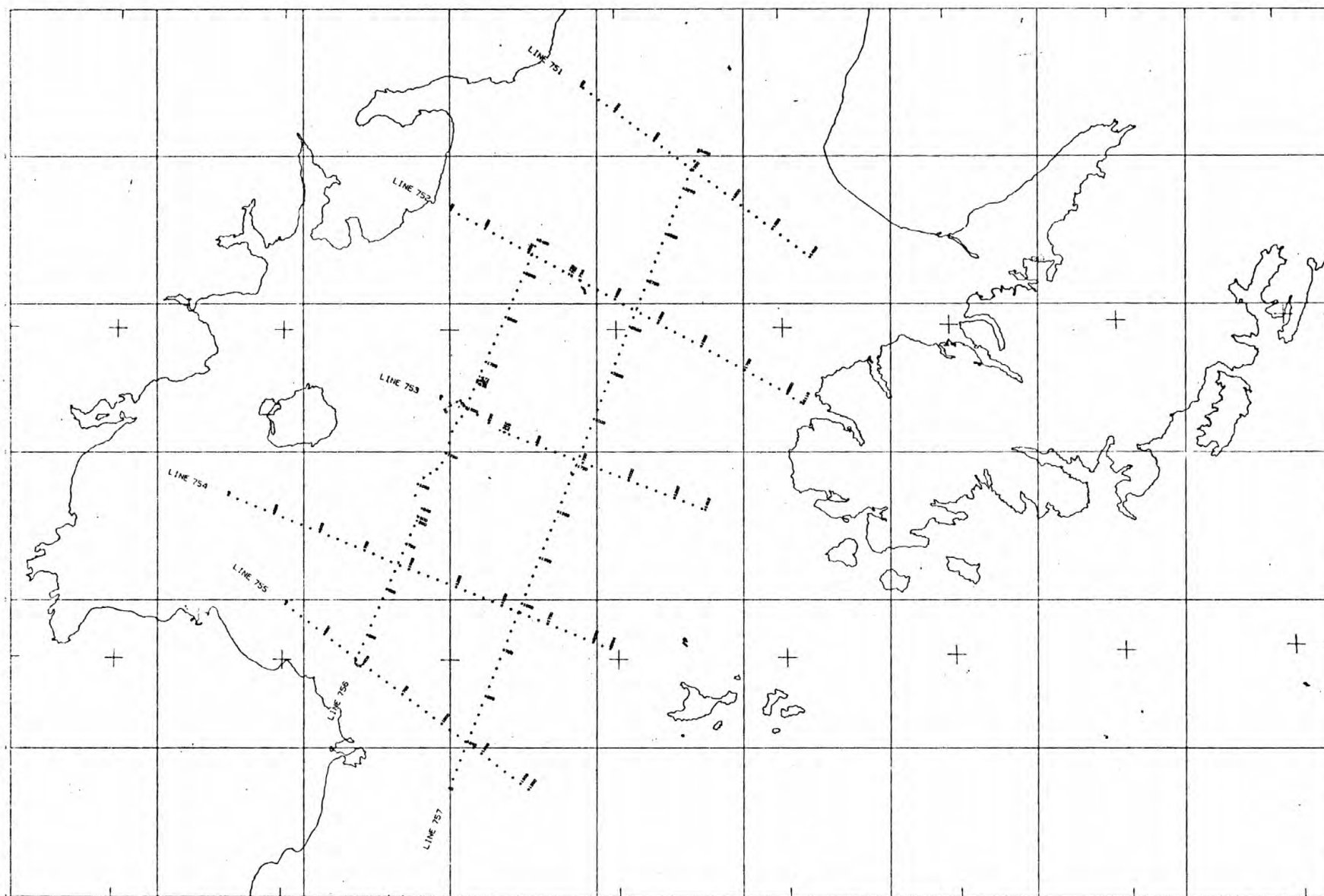


Figure 2. Index map of the area of the seismic survey in lower Cook Inlet, Alaska.



(3)

Figure 3, Shot point location map, Every fiftieth shot point is located.

(4)

72 groups of 20 acceleration-cancelling hydrophones in an overlapped tapered array. Each group is 67 metres (220 ft.) long and overlapped to provide group centers every 33.5 metres (110 ft.). The dead section or lead in was about 305 metres (1000 ft.); the signal-detecting section was 2381 metres (7810 ft.), yielding a distance from the center of the source array to the farthest offset group of about 2654 metres (8700 ft.). Eight depth controllers and six depth transducers were used to maintain the streamer at a nominal depth of 12 metres (40 ft.). Cable drift was to be monitored by an ADF transponder positioned on the streamer tail bouy; in practice, the ADF signal was blocked by equipment on the ship unless the tail bouy was more than five to ten degrees off line.

The data was recorded using DDS-888 digital instruments which provide an instantaneous floating-point, 98-channel recording capability. Six to seven seconds of data were recorded on 1/2 inch magnetic tapes in S.E.G. "C" format (IBM short-precision floating-point format) at a sample rate of two milliseconds. A 1600 bpi tape recording density was used. The seismic groups were recorded on tape in the order shown in the following table.

Main Cable Group	System Channel
1	1
36	36
37	49
72	84
Mini Cable Group	
1	37
12	48
1	87
12	98
Time Break	85
100HZ signal	86

Navigation was accomplished using a combination Raydist - RPS positioning system operated by Navigation Service, Inc. of Ventura, California. An estimated positional accuracy of about 15 metres (50 ft.) was assured.

In addition to the data from the 2700-metre streamer, seismic information was also recorded from a 300-metre cable with twelve hydrophones. This mini-cable was designed to provide a 3-fold stack with more energy in higher frequencies than the long cable; reflections with an 80 HZ content were recorded. Better resolution of the reflectors in the first 1.5 seconds of travel time was the objective of this additional data. A sample rate of 1 millisecond was achieved by sampling the mini cable twice during each multiplex sweep. In practice the low-fold of coverage, small distance to the farthest offset hydrophone and the processing techniques left this data swamped by shot noise and multiples and generally useless.

The seismic data were processed by Petty-Ray Geophysical, Inc. of Houston, Texas. Petty-Ray produced final-stack sections of a quality equal to the quality of other seismic data from this area. Most problems encountered during the processing stemmed from strong water bottom and "peg leg" multiples that interfered with accurate velocity analysis. During data processing, the hydrophones at large distances from the source proved to be very useful in the attenuation of multiples.

The seismic lines were located to integrate geologic information from onshore geology, from proposed offshore wells, and from the offshore

area of lower Cook Inlet. Line 751 is a tie line between the proposed Phillips Petroleum Co. well near the mouth of the Red River at the northwest end of the line, and the Shell Oil Co. Kachemak Bay location at the southeast end of the line. Because of minimum depth restrictions imposed by the 12 metre cable depth, the Phillips Petroleum location is about two kilometres northwest from the end of the seismic line. A barrier of crabpots precluded crossing the Shell Oil Co. location; the line ends about one kilometre short. Line 752 provides a transverse cross-section through the Inlet connecting the geology of the Iniskin and Kenai Peninsulas. Lines 754 and 755 were intended to allow projection of the onshore geology near Cape Douglas into the offshore area. The other lines complete the gridwork.

Uncharacteristically for lower Cook Inlet the weather was superb for conducting seismic field operations. Instead of weather problems, sources of delays were crabpots, tidal-current-borne debris that fouled the depth controllers on the streamer, and other seismic boats operating in the area. Tidal currents caused considerable delay in shooting, especially when shooting transverse lines, because operations were terminated when the angle between the ships heading and the preplotted line direction became too large.

The overall data quality is fair to good: in the northern part of the surveyed area ringing of individual events is the dominant problem; in the southern part, longer path "peg leg" and water bottom multiples are especially severe. Odd diffracted events with a source

that appears close to the surface occur frequently in the northeast quarter of lower Cook Inlet. These events may originate from glacial erratics or irregularities in water bottom topography.

Availability

The release of film and paper copies of the final sections and shot point map is being handled by: National Geophysical and Solar-Terrestrial Data Center, Code D62, EDS/NOAA, Boulder, CO, 80302. Telephone 303-499-1000 Ext. 6542. This office will have information about ordering and reproduction costs. Observer's logs for this survey are appended to this report.

} CPD data
} Flyer
} available
8-323-6542

Preliminary Interpretation of the Data

There are both economic and scientific incentives for exploring lower Cook Inlet. The possibility of duplicating the petroleum reserves of upper Cook Inlet and the fewer technological obstacles to petroleum resource development, relative to the Gulf of Alaska, make the area economically interesting. The setting of lower Cook Inlet invites active scientific investigation of the geologic history of this area. A preliminary interpretation of the seismic data follows; stratigraphic ties with the geology rimming the Inlet must await further work.

A simplified schematic representation of the major reflecting horizons observed in the seismic data is shown in a northwest-southeast cross section compiled from the data north of Cape Douglas (fig. 4). Strata above the A-horizon onlap to the north and northwest. There is good seismic evidence that the A-horizon represents an erosional

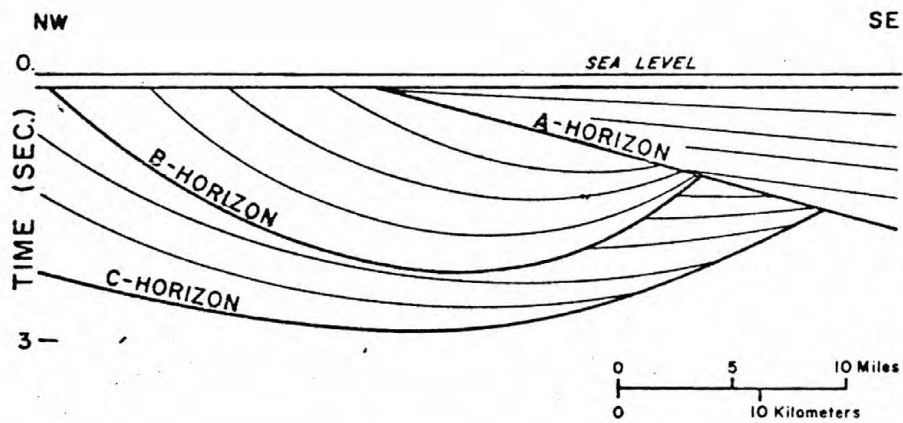


Figure 4. Simplified relations between major horizons in a northwest-southeast cross section. The A- and B-horizons may be returned by erosional surfaces; the C-horizon forms the acoustic basement.

surface: it appears to truncate deeper reflectors, and angular discordance of reflectors is evident across the A-horizon (fig. 4). The B-horizon apparently truncates deeper reflectors so it too may be an erosional surface. The acoustic basement, labeled C-horizon in figure 4, allows no information to return from deeper reflectors, so the geologic nature of that surface and underlying rock units remains unknown. The strata just above the C-horizon appear to lap southeastward onto northeast-sloping topography formed by the C-horizon. Preliminary ties to onshore geology yield the following tentative age assignments: the A-horizon might be near the base of the younger Tertiary; the B-horizon could be a basal Tertiary or a Cretaceous erosional surface; and the C-horizon might be from a Jurassic or older interface. Further study is necessary to date the offshore stratigraphy adequately.

Generalized contour maps of two-way seismic traveltime have been produced for the shallow A-horizon (fig. 5) and the deep C-horizon (fig. 6). These maps also show axes of anticlines interpreted from the data. The water-transit time (between .04 and .25 seconds) has not been removed from the traveltimes, so the contours are referenced to sea level.

Seismic data above the A-horizon indicate that the reflectors onlap northwestward to the outcrop of the A-horizon at the bottom of the Inlet waters. The outcrop line (fig. 5) follows the water bottom, therefore it is not an isochron. Near that outcrop line the reflectors

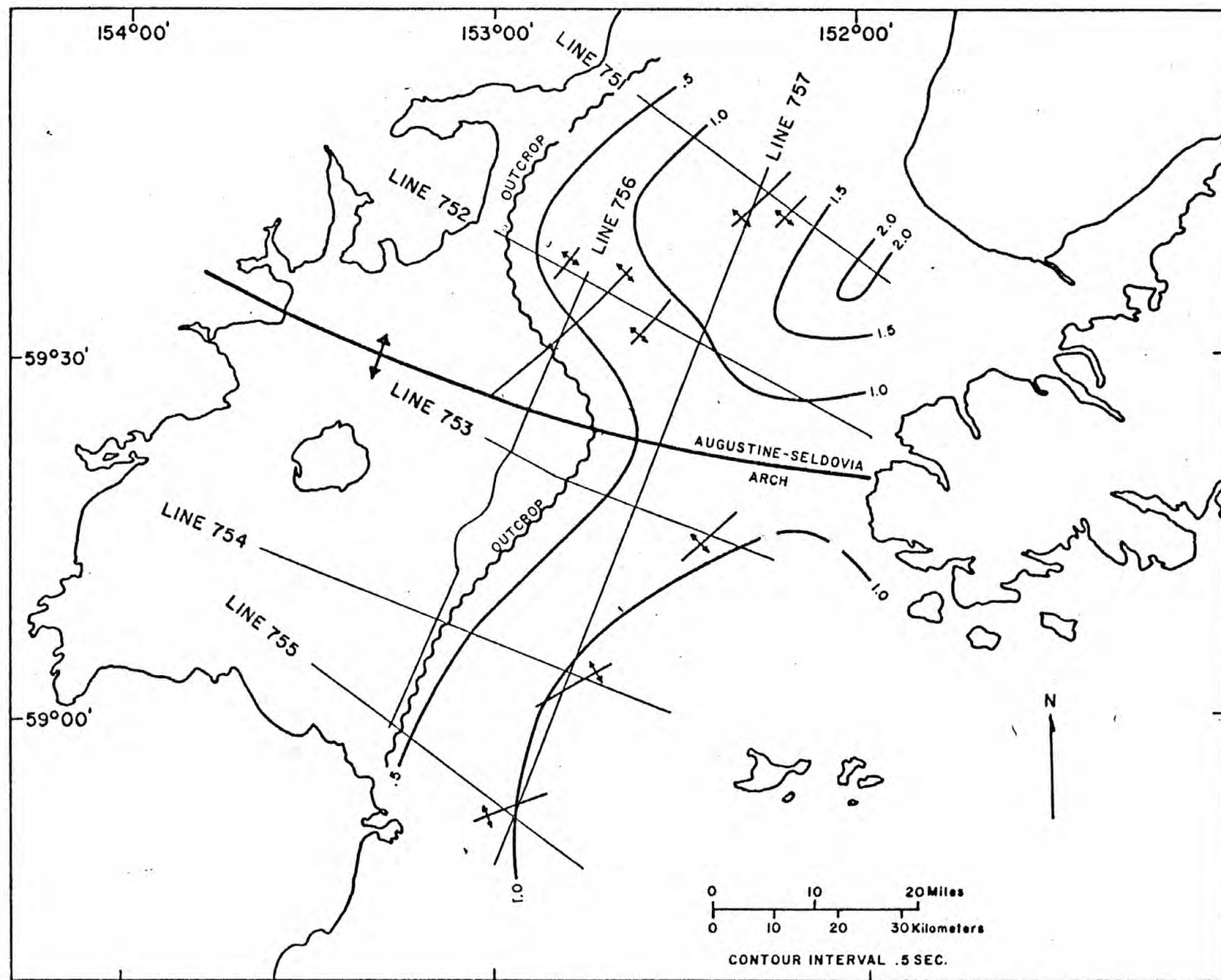


Figure 5. Generalized contours of two-way time to the A-horizon. The outcrop line on the map is not an isochron but shows the location of the truncation of the A-horizon at the sea floor.

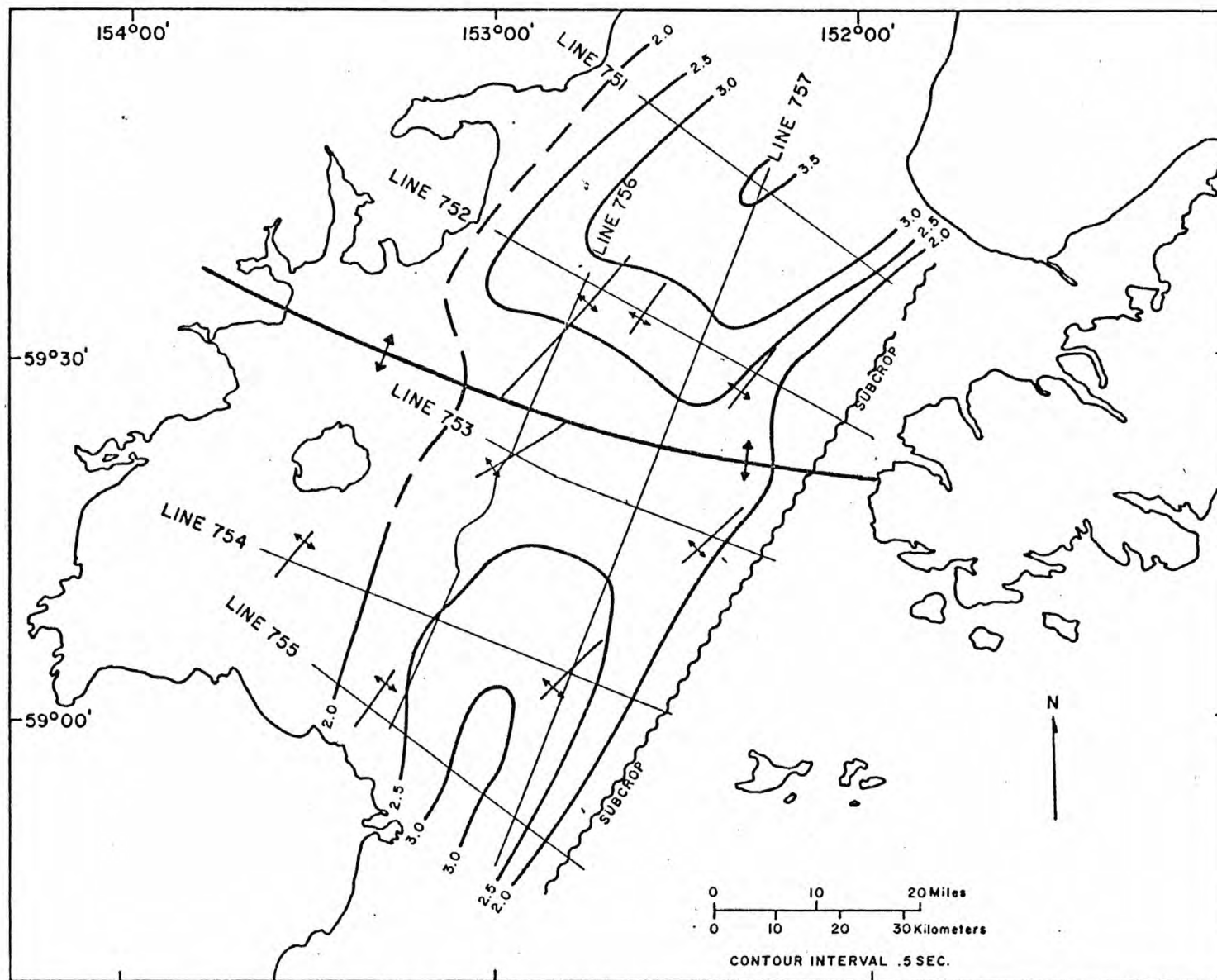


Figure 6. Generalized contours of two-way time to the C-horizon. The subcrop line on the map is not an isochron but shows the location of the truncation of the C-horizon by the A-horizon.

above the A-horizon onlap an anticlinal structure. Further to the southeast, near line 757, the same reflectors are involved in anticlinal folding. Time transgression may thus be indicated for the deposition of the reflectors or the formation of the structures or both. There are insufficient data to distinguish the order of occurrence, but the folds seem to have formed sometime during the burial of the A-horizon.

The anticlinal folds mentioned above appear to strike to the northeast wherever determination of the trend can be based on two seismic lines. The northeast-trending structural grain conforms to the strikes of structural axes reported from upper Cook Inlet by Kirschner and Lyon (1973), from the Iniskin Peninsula by Detterman and Hartsock (1966), and from the Kamishak Hills by L. B. Magoon and W. L. Adkison (oral communication). Consequently, where no control exists for the trend of structures interpreted from the seismic data, a northeast trend has been assumed. Some anticlines are breached on one flank by high-angle reverse faults. Along line 752 these faults are mostly confined to the flank that faces the deeper part of the basin. Similar faulted anticlines in upper Cook Inlet are described by Kirschner and Lyon (1973). Thus upper Cook Inlet may be useful as a structural analog for lower Cook Inlet. The wavelengths of the folds appear to average about 8 to 12 kilometres. Line 752 shows that the wavelengths of the anticlines appear to increase as the sediment in the basin thickens (relative sediment thickness is assumed to be roughly indicated by the time to

the deep C-horizon). It may be that the depth of the basin has a controlling influence on the wavelengths of the folds. However, the true strikes of the anticlines are unknown, and the apparent increase in wavelength could be due to increasingly oblique angles between the seismic line and the anticlinal axes.

The major structural feature of lower Cook Inlet is an east-trending transbasin arch informally called the Augustine-Seldovia arch. The arch shows clearly in the contours of figure 5 just northeast of Augustine Island. It has a wavelength of about 30 kilometres, so it is much larger than the northeast-trending folds described above. The importance of this transbasin arch to the structural geology of lower Cook Inlet is shown by the plunging of the Cook Inlet trough away to the north and to the south from this feature; the arch forms a hinge about which the entire trough is flexed. Reflectors above the A-horizon appear to thin toward the crest of the arch and to change character across it; reflectors just below the A-horizon apparently do not thin or differ in character. Therefore, the arch may have influenced the type or amount of sediment deposited on its north and south sides after formation of the A-horizon, but perhaps it exerted no influence before the A-horizon formed.

The Augustine-Seldovia arch may extend to the northwest beyond Augustine Island along the strike depicted in figure 5. The geologic map by R. L. Detterman and B. L. Reed (unpub. data) shows Triassic rocks at Ursus Head that are bounded on the north and south by Jurassic rocks. The relatively large size and geographic extent of the arch suggest that it resulted from major crustal processes, but the genesis of the arch

remains enigmatic because its axis trends nearly parallel to the direction of compression from the Aleutian Trench to the southeast.

The contour map of the C-horizon indicates the minimum thickness of sediment in the Inlet. The C-horizon is truncated by the A-horizon as shown schematically in profile (fig. 4). The nearly straight line of truncation depicted in plan (fig. 6) is not an isochron but shows the geographic location of the subcrop. Within the resolution and line spacing of the seismic data, the subcrop line apparently is not horizontally deflected by the Augustine-Seldovia arch, nor is it seismically evident that reflectors deeper than the A-horizon thin onto the arch. However, the outcrop of the A-horizon is horizontally deflected, and reflectors above the A-horizon do appear to thin onto the arch. Determining the geologic age of the A-horizon is an important objective of future research because the Augustine-Seldovia arch may have formed at about the same time.

In places the C-horizon is involved in folds that are not evident in the A-horizon. Disharmony between the shallow and deep structural styles suggests at least one intervening period of uplift and erosion. One period may be represented by the B-horizon.

Resource Potential

The Augustine-Seldovia arch may well be the focus of petroleum exploration in lower Cook Inlet. Thinning of the shallow reflectors could form stratigraphic traps on the flanks of the arch. In the strata below the A-horizon, where no effects of the arch on sedimentation are

seismically evident, the traps may be structural and near the crest of the arch. Because the arch flexes the Cook Inlet trough, updip migration from both upper Cook Inlet and Shelikof Strait could bring petroleum to the vicinity of the arch. The Augustine-Seldovia arch offers closure in a north-south direction; some of the northeast-trending anticlines could provide needed additional closure in an east-west direction at their intersection with the arch. Such an intersection may occur about 20 kilometres northeast of Augustine Island: an anticline near the intersection of lines 756 and 752 (fig. 5) may be large enough to extend southwestward to an intersection with the arch. Structural traps may occur northeast of Augustine Island at the intersections of the arch with speculative extensions of the structures on the Iniskin Peninsula (Detterman and Hartsock, 1966). Several other northeast-trending anticlines in lower Cook Inlet have potential as sites for petroleum accumulations. At the southeast end of line 751, near the town of Homer, reflectors come up onto a structure that could be the target of interest in Kachemak Bay (fig. 5). The seismic line, however, does not cross the structural axis. No seismic evidence was found that indicated the presence of hydrocarbon accumulations, but no process specifically tuned to locate amplitude anomalies ("bright spots") was applied to the data.

Conclusions

Seismic data show three major horizons of which at least two may be erosional surfaces. Very shallow reflectors onlap to the northwest; deep reflectors lap to the southeast onto the northeast-dipping surface of the acoustic basement.

The geologic structure of lower Cook Inlet is dominated by the Augustine-Seldovia arch, which may date from about the same geologic time as the time of formation of the A-horizon. The arch will presumably offer good structural sites for petroleum accumulations, especially at its intersections with other structures.

References Cited

Detterman, R. L., and Hartsock, J. K., 1966, Geology of the
Iniskin-Tuxedni region, Alaska: U.S. Geol. Survey
Prof. Paper 512, 78 p.

Kirschner, C. E., and Lyon, C. A., 1973, Stratigraphic and
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Am. Assoc. Petroleum Geol. Mem. 19, p. 396-406.



APPENDIX

OBSERVER'S LOGS

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO 89 DATE 7-12-75
CLIENT USGS PROSPECT Cock In
LINE NO. 751 DIR. OF SHOOTING WNW
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
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01			MAX NOISE 140 REF	51			
02			" "	52	796		
03			DYNAMIC RANGE - 3db	53			
04			" " - 27db	54	794		
05			" " - 51db	55			
06			" " - 75db	56	792		
07			" " - 96db	57			
08			MIN NOISE TERM	58	790		
09		D		59			
10	840	M-1	T- 2'20:21 155'-	60	788		
11	838			61			
12	836		SH 278'-	62	786		
13			10 185°R	63			
14	834		(C.) 40 41 42 35 35	64	784		
15			15 40	65			
16	832		1557.12	66	782		
17				67			17539.27
18	830		6'000 5 13 000T	68	780		T 2: 31.26 43 57.08
19				69			
20	828			70	778		
21				71			
22	826			72	776		
23				73			
24	824			74	774		
25		M-2	165'-	75	772	M-2	177'-
26	822			76			
27				77			
28	820			78	770		
29				79			
30	818			80	768		
31				81			
32	816		1750786	82	766		
33			T 1750727	83			
34	814			84	764		
35				85			
36	812		1750720	86			
37				87	762		
38	810			88			
39				89	760		
40	808			90			
41				91	758		
42	806			92			
43				93	756		
44	804			94			
45				95	754		
46	802			96			
47				97	752		
48	800			98			
49				99			1750774

COMMENTS FILE TIME 2.4
RECORD LENGTH 6.0
FATH SCALE 0-600 F

NOTE: PREAMP GAIN 20 0-60 DBS 60-72
ALL OTHERS 27

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquadpulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

2* CIRCLES IN LINE

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-12-75

CLIENT USGS

PROSPECT C. of INLET

LINE NO. 751

DIR. OF SHOOTING WNW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

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01			1.2	51			
02	744		74 281	52	702		
03			76 18500	53			
04	716		(1) 48 30 39 42 35 35	54	701		
05			15 76	55			
06	744		101 105000	56	744		
07				57			
08	112			58	676		
09				59			
10	740			60	644		
11				61			
12				62	602		
13	734			63			12 53130
14				64	690		210 1154 220 593
15	736			65			
16				66			
17	734			67	693		
18				68			
19	732			69	680		
20				70			
21				71	634		
22	730			72	672		
23				73			
24	124			74	680		
25		m2	600' -	75		m2	500' -
26	726			76	678		
27				77			
28	724			78	670		
29				79			
30				80	674		
31	722		12 57429	81			
32			72 57 55 470092	82	672		
33	760			83			
34				84	670		
35	718			85			
36				86	668		
37	716			87			
38				88	666		
39	714			89			
40				90	664		
41				91	662		
42	712			92			
43				93	660		
44	710			94			
45				95	658		6750330
46	708			96			2250410 TR 111-21
47				97	656		
48	706			98			
49				99	654		

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

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COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
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BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-12-75
CLIENT 446-S PROSPECT 446-S
LINE NO. 751 DIR. OF SHOOTING Left
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

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02	653			52	596		
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04	648			54	594		
05				55			
06	646			56	592		
07				57			
08	644			58	590		
09	642			59			
10				60	588		
11	640			61			
12				62	586		
13	638			63			
14				64	584		
15	636			65			
16				66	582		
17	634			67			
18	632			68	580		
19				69			
20	630			70			
21				71	578		
22	628			72			
23				73	576		
24	626			74			
25	624			75	574		
26				76			
27				77	572		
28	622			78			
29				79	570		
30	620			80			
31	618			81	568		
32				82			
33	616			83	566		
34				84			
35	614			85	564		
36				86			
37	612			87	562		
38				88			
39	610			89	560		
40				90			
41	608			91	558		
42				92			
43	606			93	556		
44				94			
45	604			95			
46				96	554		
47	602			97			
48				98	552		
49	600			99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D: DUMMY FILE
M: MONITOR
NG: BAD FILE, DELETE
PE: MORE THAN 4 PARITY ERRORS
NTB: NO TIMEBREAK

MS: MISFIRE
N: NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF: RADIO INTERFERENCE
K: KICKS ACROSS RECORD

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 85 DATE 7-10-75
CLIENT USGS PROSPECT 100-1107
LINE NO. 751 DIR. OF SHOOTING LINE
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

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03			76.155 08	53			
04	546		63.40 50.10 40 36 29	54	44		
05	544		12.46	55			27 50936
06			11.15 53.42	56	44		27 50937 T 3:48.29
07	542			57			
08				58	472		
09	540			59			
10				60	44		
11	538			61			
12				62	44		
13	536			63			
14				64	486		
15	534			65			
16				66	484		
17	532			67			
18				68	482		
19	530			69			
20				70	480		
21	528			71			
22				72	478		
23	526		17 50935	73			
24			17 50936 3:48.00	74	476		
25	524	112		75			
26				76	474		
27	522			77			
28				78			
29	520			79	472		
30				80			
31	518			81	470		
32				82			
33	516			83	468		
34				84			
35	514			85	466		
36				86			
37	512			87	464		17 50937
38				88			77 50938/103:55:54
39	510			89	462		
40				90			
41	508			91	460		
42				92			
43	506			93	458		
44				94			
45	504			95	456		
46				96			
47				97	454		
48	502			98			
49				99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE
N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc)
RF=RADIO INTERFERENCE
K=KICKS ACROSS RECORD

Page 4 Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-12-75
CLIENT USGS PROSPECT COOK INLET
LINE NO. 751 DIR. OF SHOOTING 14°N
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400	452	M-1	245'	450	404	M-1	233'
01				51	404		LF-50939
02	450		W. 285° 7	52			FE-50940 T: 4:10:31
03			TS 185° R	53	402		
04	448		CO 46 50 40 45 32 37	54			
05	PE		M 46	55			
06	446		W. 1550 X 2	56	400		
07				57			
08				58	398		
09	444			59			
10				60	396		
11	442			61			
12				62	394		
13	440			63			
14				64	392		
15	438			65			
16				66	390		
17	436			67			
18				68			
19	434		L7 50938	69	388		
20			77 50939 T: 4:03:07	70			
21	432			71	386		
22				72			
23				73	384		
24	430			74			
25		M-2		75	382	M-2	225'
26	428			76			
27				77	380		
28	426			78			
29				79	378		
30	424			80			
31				81	376		
32	422			82			
33				83	374		LF-50940
34				84			FF-50941 T: 04:18:02
35	420			85	372		
36				86			
37	418			87	370		
38				88			
39	416			89	368		
40				90			
41	414			91	366		
42				92			
43	412			93	364		
44				94			
45	410			95	362		
46				96			
47	408			97	360		
48				98			
49	406			99	358		

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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6. Insert 100's Digit first and last file

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RJT
Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE No. 751
REEL No. _____

DATE 7-12-75
PROSPECT Cock Inlet
DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
5 00		M-1	240'	50	305	M-1	192'
01	356		SH-301	51			
02			7B-1P5	52	306		
03	354		CD-36.56, 49.44, 36.47	53			
04			MS-45	54	304		
05	352			55			
06			RPM-1550X2	56	302		
07	350			57			
08				58	300		
09	348			59			
10				60	298		
11	346			61			
12				62	296		
13	344			63			
14				64	294		
15	342		LF-50941	65			
16			FF-50942 T-04:43:12	66	292		
17	340			67			
18				68	290		
19	338			69			
20				70	288		
21	336			71			
22				72	286		
23	334			73			
24				74	084	5N	145'
25	332	M-2	210'	75		M-2	
26				76	282		
27	330			77			
28				78	280		
29	328			79			
30			picking up bird noise	80	278		LF-50943
31	326			81			FF-50944 T-04:43:08
32				82	276		
33	324			83			
34				84	274		
35	322			85			
36				86			
37				87	272		
38	320			88			
39				89	270		
40	318			90			
41				91	268		
42	316			92			
43				93	266		
44	314			94			
45				95	264		
46	312			96			
47			LF-50942	97	262		
48	310		FF-50943 T-04:34:40	98			
5 49				599	260	5N	

COMMENTS

RSL

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 751
REEL NO. _____

DATE 7-12-75
PROSPECT Cook Island
DIR. OF SHOOTING W/NW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		11-1	135'	50		14-1	130 FT
01	258			51	208		
02			SH-303°T	52			
03	256		TB-185°R	53	206		
04			CD-45, 50, 40, 44, 38, 40	54			
05	254		MS-46	55	204		
06				56			
07	252			57	202		
08				58			
09	250			59	200		
10				60			
11	248		LF-50944	61	198		
12			FF-50945 T-04:51:34	62			
13	246			63	196		
14				64	194		
15	244			65			
16				66	192		
17	242			67			
18				68	190		
19	240			69			
20				70			
21	238			71	188		
22		END FOR 1A		72			
23	236			73	186		
24				74			
25	234	14-2	140'	75	184	M2	LF 50946
26				76			508:34 FF 50946
27	232			77	184		
28				78	182		
29	230			79			
30				80	178		
31	228			81			
32				82	176		
33	226			83			
34				84	174		
35	224			85			
36				86	172		
37	222			87			
38				88	170		
39	220			89			
40				90	168		
41	218			91			
42				92	166		
43	216		LF-50945	93			
44			FF-50946 T-04:59:51	94	164		
45	214	NG		95			
46				96	162		
47	212			97			
48				98	160		
49	210			99			

COMMENTS

YSL
ERIC

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**WESTERN
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COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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PARTY No. 89
CLIENT USGS
LINE NO. 751
REEL NO. _____

DATE 7-12-75
PROSPECT Cock Inlet
DIR. OF SHOOTING NW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
700	158	M1	120'	750	108	M1	
01			SH 3120T	51			
02	156		TB 1830R	52	106		
03			UD 4531 41 44 39 40	53			
04	154		MD 45	54	104		
05				55			
06	152			56	102		
07	150		LF 50947	57			
08			5:17:07	58	100		
09	148			59			
10				60	098		
11	146			61			
12				62	096		
13	144			63			
14				64	094		
15	142			65			
16				66	092		
17	140			67			
18				68	090		
19	138			69			
20				70	088		
21	136			71			LF 50949
22				72	086		5:33:56 FF 50950
23	134			73			
24				74	084		
725	132	M2	120'	715	M2		110'
26				76	082		
27	130			77	080		
28				78			
29	128			79	078		
30				80			
31	126			81	076		
32				82			
33	124			83	074		
34				84			
35	122			85	072		
36				86			
137	120			87	070		
38				88			
39	118		LF 50948	89	068		
40			5:25:31 FF 50949	90			
41	116			91	066		
42				92			
43	114			93	064 NG		
44				94	062 NG		
45	112			95	060		
46				96			
47	110			97	058		
48				98			
49				99	056		

COMMENTS

ERIC

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No. 89

DATE 7/12/75

CLIENT USGS

PROSPECT COOKINGET

LINE NO. 751

DIR. OF SHOOTING WNNW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
00	54	141	116	50			
01	34			51			
02				52			
03	52		LF 50950	53			
04			5:42:40 FF 50951	54			
05	50			55			
06				56			
07	049			57			
08				58			
09	046			59			
10				60			
11	044			61			
12				62			
13	042			63			
14				64			
15	040			65			
16				66			
17	038			67			
18				68			
19	036		7 5:46:38	69			
20				70			
21				71			
22				72			
23				73			
24				74			
25				75			
26				76			
27				77			
28				78			
29				79			
30				80			
31				81			
32				82			
33				83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

819
- 9
Have 810

ERIC
+ 16 dummyp
- 21 skips
- 5 ✓

810
- 805
5 ✓

840
- 36
Need 7805

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EOC

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 87 DATE 7-12-55
CLIENT USC PROSPECT 1000-1000
LINE NO. 7-1 DIR. OF SHOOTING SE
REEL NO. 11-1 TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			REEL H 50952	50	896	M-1	110'
01	8714		130'	51			
02	8724		T 10822121	52	878		
03			48.50.40 45.49.35	53			
04	8744		41 186°R	54	900		
05	8764		41 187°T	55			
06			46	56	902		
07	8784		44 1450X2	57			
08				58	904		
09	8804			59			
10				60	906		
11	8824			61			
12	884			62	908		
13				63			
14	886			64	910		L7 50953
15	888			65			77 50954 T. 08:35.28
16				66	912		
17	860			67			
18				68	914		
19	862			69			
20	864			70	916		
21				71			
22	866			72	918		
23				73			
24	868			74	920		
25		M-2	115'	75		M-2	100'
26	870			76	922		
27	872			77			
28				78	924		
29	874			79			
30				80	926		
31	876			81			
32			L7 50952	82	928		
33	878		77 50953 8:28:59	83			
34				84	930		
35	880			85	932		
36				86			
37	882			87	934		4 Guns
38				88			
39	884			89	936		
40				90			
41	886			91	938		
42				92			
43	888			93	940		
44				94			
45	890			95	942		
46	892			96			L7 50954
47				97	944		77 50955 T: 8:41:50
48	894			98			
49				99	946		

COMMENTS

File Time 2.4
RECORD LENGTH 6.0
FATHSCALE 0-600 ft

READING CHAINS 2° ON GAT 60-72. HIC
OTHER'S 27

Grp. 5 is dead on mini.

Paul W.

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#1

CIRCLE START

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89

DATE 7-12-75

CLIENT USGS

PROSPECT COOK INLET

LINE NO. 751

DIR. OF SHOOTING ESS

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	946	M-1	100'	150	948	M-1	95'
01				51			
02	948		SHIP	52	1000		
03	950		TG 135K	53			
04			LD 47, 50, 40, 45, 38, 30	54	1002		
05	952		MD 45	55			
06				56	1004		
07	954			57			
08				58	1006		
09	956		6 Guns	59			
10				60	1008		L750956
11	958			61			7750957 T: 354.57
12				62	1010		
13	960			63			
14				64	1012		
15	962			65			
16				66	1014		
17	964			67			
18				68	1016		
19	966			69			
20				70	1018		
21	968			71			
22				72	1020		
23	970			73			
24	972			74	1022		
125		M-2	95'	75			
26	974			76	1024		
27				77	1026		
28	976		L7 50955	78			
29			77 50956 T: 08:48:18	79	1028		
30	978			80			
31				81	1030		
32	980			82			
33				83	1032		
34	982			84			
35				85	1034		
36	984			86			
37				87	1036		
38	986			88			
39				89	1038		
40	988			90			
41				91	1040		
42	990			92			L7 50957
43				93	1042		77 50958 T: 9:01:10
44	992			94			
45				95	1044		
46	994			96			
47				97	1046		
48	996			98			
49				99	1048		

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Paul W.

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PARTY No 89
CLIENT USGS
LINE NO. 751
REEL NO. _____

DATE 7-12-75
PROSPECT COCK INLET
DIR. OF SHOOTING ESE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100		M-1	100'	250	110	M-1	105'
01	1050		SH 114°7	51			
02			TR 134°R	52	1102		
03	1052		CD 48, 50, 40, 44, 39, 35	53			
04			MD 46	54	1104		
05	1054			55			
06				56	1106		L7 50959
07	1056			57			7750960 T.9:13:55
08				58	1108		
09	1058			59			
10				60	1110		
11	1060			61			
12				62	1112		
13	1062			63			
14				64	1114		
15	1064			65			
16				66	1116		
17	1066			67			
18				68	1118		
19	1068			69			
20				70	1120		
21	1070			71			
22				72	1122		
23	1072			73			
24			L7 50958	74	1124		
225	1074	M-2	100' 77 50959 T.09:07:36	275	112		100'
26	1076			76	1126		
27				77			
28	1078			78	1128		
29				79			
30	1080			80	1130		
31				81			
32	1082			82	1132		
33				83			
34	1084			84	1134		
35				85			
36	1086			86	1136		
37				87			
38	1088			88	1138		L7 50960
39				89	1140		77 50961 9:20:13
40	1090			90			
41				91	1142		
42	1092			92			
43				93	1144		
44	1094			94			
45				95	1146		
46	1096			96			
47				97	1148		
48	1098			98	1150		
49				99			

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Paul W.

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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PARTY No. 89 DATE 7-12-75
CLIENT USGS PROSPECT Cock Inlet
LINE NO. 751 DIR. OF SHOOTING SE
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	1152	M-1	100'	50	1196	M-1	FF 710155'
01				51			
02	1154		SH 118°T	52	1196		
03			TB 184°R	53			
04	1156		CD 46,51,40,45,40,36	54	1198		
05			MP 40	55			
06	1158			+56	1200		
07				57			
08	1160			58	1202		
09				59			
10	1162			60			
11				61	1204		
12	1164			62			
13				63	1206		
14	1166			64			
15				65	1208		
EOC 16	1168		52 PIP-LE 118°T	66			
17			118°T 118°T IN LANCE	67			
SOC 18	1168A M-1		118°T * T 10149128	68	1210		
19				69			
20	1170		SH 140°T	70	1212		
21			TB 176°R	71			
22	1172		CD 44,47,40,44,37,35	72	1214		
23			MC 42	73			
24	1174		RPM 1550X2	74			
25				+75	1216	M-2	1031'
26				76			
27	1176			77	1218		
28				78			
29	1178			79	1220		
30				80			
31				81			
+32	1180			82	1222		2F 50963
33				83			FF 50964 T 11:02:20
34	1182			84	1224		
35				85			
36	1184			86	1226		
37				87			
38				88	1228		
39	1186			89			
40				90			
41	1188			91	1230		
42				92			
43				93	1232		
44	1190			94			
45				95	1234		
46	1192			96			
47				97	1236		
48	1194			98			
49			LF 50962	+99	1238		

COMMENTS *CIRCLE - RESUME FILE 318 TAPE F50962 FSP-1168A 117'
Fill TIME 2.4 SEC
REC LENGTH 6.0 SEC
FATH. SCALE 0-600 FT

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aqua pulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D = DUMMY FILE
M = MONITOR
NG = BAD FILE, DELETE
PE = MORE THAN 4 PARITY ERRORS
NTB = NO TIMEBREAK

MS = MISFIRE
N = NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF = RADIO INTERFERENCE
K = KICKS ACROSS RECORD

#2 * 1165 329 - Red + 14 dummies
-839 316 - Have - 1 skip
EOC 329 13 ✓ +13 ✓

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

DATE 7-12-75

CLIENT USGS

PROSPECT COCKLE/ET

LINE NO. 751

DIR. OF SHOOTING ESE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400		m-1	103'	50	1286	m-1	95'
01	1240			51			
02			SH 143°	52	1288		
03			TB 175°	53			
04	1242		CD 445041 443837	54	1290		
05			MC 45	55			
06	1244			56	1292		
07				57			Header changed to 50966
08	1246			58	1294		
09				59			
10	1248			60	1296		F-1A
11				61			
12	1250			62	1298		
13				63			
14	1252		LF 50964	64	1300		
15			FF 50965 T 11:09:21	65			
16				66	1302		
17	1254			67			
18				68			
19	1256			69	1304		
20				70			LF 50966
21	1258			71	1306		FF 50967 T 10:23:00
22				72			
23	1260			73	1308		
24				74			
25	1262	m-2	103'	75	1310	m-2	100'
26				76			
27				77	1312		
28	1264			78			
29				79	1314		
30	1266			80			
31				81	1316		
32	1268			82			
33				83	1318		
34	1270			84			
35				85	1320		
36				86			
37	1272		LF 50965	87	1322		
38	1274	NG	LF TYPE DECK MALFUNCTION	88			
39	1276		FF 50966 11:15:03	89	1324		
40			Header still says 65	90			
41	1278			91	1326		
42				92			
43				93	1328		
44	1280			94			
45				95	1330		
46	1282			96			
47				97	1332		
48	1284			98			
49				99	1334		

COMMENTS

Dan & R.D.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-12-75

CLIENT USGS

PROSPECT COCKTURT

LINE NO. 251

DIR. OF SHOOTING ESSE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500		M1	105'	550		M1	100' -
01	1336			51	1389		
02			LF 50967	52			
03	1338		FF 50968 T 11:31:12	53	1390		
04				54			
05	1340			55	1388		
06			SH 1470T	56			
07	1342		TR 1740R	*57	1390		
08		EXPLO	44494249 37 36	58			
09	1344		MC 45	59	1392		
10				60			
11	1346			61	1394		
12				62			
13	1348			63	1396		
14				64			
*15	1350			65	1398		
16				66			LF 50969
17				67	1400		FF 50970 T 11:48:23
18	1352			68			
19				69	1402		
20	1354			70			
21				71	1404		
22	1356			72			
23				73	1406		
24	1358			74			
25		M2	105' -	*75	1408	M2	100' -
26	1360			76			
27				77			
28				*78	1410		
29	1362			79			
30				80	1412		
31	1364			81			
32				82	1414		
33	1366			83			
34			LF 50968	84	1416		
35	1368		FF 50969 T 11:39:37	85			
36				86			
37	1370			87	1418		
38				88			
39	1372			89	1420		
40				90	1422		
41	1374			91			
42				92	1424		
43	1376			93			
44				94	1426		
45	1378			95			
46				96	1428		
47	1380			97			
48				98	1430		LF F-50970
49	1382			X99		NG	FF F-50971 T 11:57:30

COMMENTS

TR

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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PE = MORE THAN 4 PARITY ERRORS
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MS = MISFIRE

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Type in remarks column (Ship, etc.)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 751

DATE 7-12-75

PROSPECT Rock Inlet
DIR. OF SHOOTING ENE

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
X 00	1432	NG		50			
X 01		NG		51	1486	M1	110' T:12:12:42
02	1434	NG		52			
03		NG		53			
04	1436	NG		54			
05			LF F-50971 -102'	55			
06	1438	M1	FF F-50972 T:11:59:36	56			
07			SH 136°T TB 174°R	57			
08	1440		CD 43 50 41 44 38 37	58			
09			MS 46	59			
10	1442			60			
11				61			
12	1444			62			
13	1446			63			
14				64			
15	1448			65			
16				66			
X 17	1450			67			
18				68			
19	1452			69			
20				70			
21	1454			71			
22	1456			72			
23				73			
24	1458			74			
25		M2	110'	75			
26	1460			76			
27				77			
28	1462			78			
29				79			
30	1464			80			
31				81			
32	1466			82			
33				83			
34	1468			84			
35				85			
36	1470			86			
37			LF F-50972	87			
38	1472		FF F-50973 T:12:08:49	88			
39				89			
40	1474			90			
41				91			
42	1476			92			
43				93			
44	1478			94			
45				95			
46	1480			96			
47				97			
48	1482			98			
49	1484			99			

COMMENTS

"Dec"
651 CHS
-317 1486
334 Have 1167
319 Need
334 - 21 skips
-319 + 6 dumsup
-15 ✓ -15 ✓
EOL

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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FIELD REELS RECAP

GEO-5.

CLIENT

USGS

WD 4065

DATE

8-4-75

SAMPLE RATE

4

RECORD LENGTH

6

CREW

1031-18

AREA

COOK INLET

LINE NUMBER

751

ANALYST

FRIAR

(RC)

FIELD REELS	EDIT REELS	DIGITAL RECORDS	SKIPS/REMARKS
50926-50929	36649	1-8	TEST REC.
		9-123*	6 SEC REC.
50929-50933	09080	124-245	
50933-50937	26956	246-366	
50937-50941	03919	367-488	
50941-50944	17546	489-609	
50944-50948	12421	610-732	REC = 645 NO SYNC AT 1675
50948-50953	36478	733-819	MISSING REC = 794
			DEAD REC = 793
		001-037	
50953-50957	06246	038-159	
50957-50960	05902	160-279	
50960-50964	37493	280-401	DUP REC = 318
			MISSING REC = 350
50964-50968	07083	402-521	DEAD REC = 438
50968-50973	08652	522-642	DEAD REC = 599, 600, 601,
50973	18698	643-651	

PRODUCTION PROCESSING REQUEST

SUBMITTED BY:

COTRONE

USER GROUP ID:

1031-18

SEQ. NO:

LINE:

751

CLIENT:

USGS

DATE:

8-1-75

WORK ORDER NO:

4065

TIME:

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PROCESS
FIELD REEL	50926	36649	UN
		09080	25
18.00 8-1-75		26956	10070
13.50 HAROWAIT		3919	
restarted		17546	UNIP
rec 280 reel		12421	
960		36478	
10:00 AUG 2 PM		6246	
		5902	
	50973	37493	
		7083	
		8652	
		18698	
		5947	ST
		34426	704
			SECTION

MACHINE CODE

704C

FORM 10 1920
REV. 8/74Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

COMMENTS

*START ON REC. #10

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-12-75
CLIENT USGS PROSPECT Cock Inlet
LINE No. 752 DIR. OF SHOOTING WNW
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
000			19:03	050	1724		
01	1722	M1	SH 3340 T -145'	51		M1	SH @ 315' T -130'
02			CB 1850 R	52	1722		CB 198' OK
03	1720		CD 4550 43 45 40	53			
04			MC 35	54	1720		
05	1768			55			
06				56	1718		
07	1766			57			
08				58	1716		
09				59			
10	1764			60			
11				61	1714		
12	1762			62			
13				63	1712		
14	1760			64			LF 50986
15				65	1710	N6	143
16	1758			66			FF 50987 19:16:55
17				67	1708		
18	1756			68			
19				69	1706		
20	1754			70			
21				71	1704		
22	1752			72			
23				73	1702		
24				74			
25	1750			75		M2	180' -
26		M2	-150'	76	1700		
27	1748			77			
28	1746			78	1698		
29				79			
30	1744			80	1696		
31				81			
32			LF 50985	82	1694		
33	1742		FF 50986 19:10:02	83			
34				84	1692		
35	1740			085			
36				86	1690		
37	1738			87			
38				88	1688		
39	1736			89			
40				90	1686		
41	1734			91	1684		
42				92	1682		
43	1732			93			
044				94			
45	1730			95	1680		
46				96			LF 50987
47	1728			97	1680		FF 50988 19:23:11
48	1726			98			
49				99	1678		

COMMENTS Preamp gain is 26 on grps 60-72. All others 27
Fill time 2.4
Record length 6.0
Fathometer scale 0-600 feet. Clark

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
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PE= MORE THAN 4 PARITY ERRORS
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*NOTE PAGE 8 JUMP
IN 10 SHOT POINTS.

2 CIRCLES IN LINE

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-12-75
CLIENT USGS PROSPECT Cocke Inlet
LINE NO. 752 DIR. OF SHOOTING WNW
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100				150		M1	140'
01	1676	M1	SH 324 OT -1501	51	1630		SH 3230T
02			CB 186 OR	52			TS 1800R
03	1674		CD 47 49 35 42 3740	53	1628		
04			ML 35	54			
05	1672			55	1626		
06				56			
07	1670			57	1624		
08				58			
09				59	1622		
10	1668			60			
11				61			LF 50989
12	1666			62	1620	NG	T=19:37:28
13				63		NG	
14	1664			64	1618		FF 50990 T 19:37:28
15				65			
16	1662			66	1616		
17				67	1614		
18	1660			68			
19				69	1612		
20	1658			70			
21				71			
22	1656			72	1610		
23				73			
24	1654			74	1608		
25		M2	140' -	75	1606	M2	140' -
26	1652			76			
27				77	1604		
28	1650		LF 50988	78			
29			FF 50989 19:29:49	79			
30	1648			80	1602		
31	1646			81			
32				82	1600		
33	1646			83			
34				84	1598		
35	1644			85			
36				86	1596		
37	1642			87			
38				88	1594		
39				89			
40	1640			90	1592		
41				91			
42	1638			92	1590		
43				93			
44	1636			94	1588		LF 50990
45				95			FF 50991 T 19:44:13
46	1634			96			
47				97			
48				98	1586		
49	1632			99			

COMMENTS

Bill

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT 4565
LINE No. 752
REEL No. _____

DATE 7-17-75
PROSPECT Cock Inlet
DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
200	1584	m1	145'	250	1594	m1	155'
01			3/4 321 OT	51			
02	1582		CD 186 OR	52	1532		SH 334
03			CD 45494347 3940	53			TS 186
*04	1580		ML 38	54	1530		
05				55	1528		
06				56			
07	1578			57	1526		
08				58			LF 50992
09	1576			59	1524	DO	1959:58
10				60			FF 50993 1959:58
11	1574			61	1522		
12				62			
13	1572			*63	1520		
14				64			
15	1570			*65	1518		
16	1568			66			
17				67	1516		
18	1566			68			
19				69	1514		
20	1564			70			
21				71	1512		
22	1562			72			
23				73	1510		
24	1560			74			
25		M2	150' -	75	1508	m-2	172' -
26	1558		LF 50991	76			
27		W6	FF 50992 1959:53	77			
28	1556			78	1506		
29				79			
30	1554			80	1504		1550X2 RPM
31	1552			81			
32				82	1502		
33	1550			83			
34				84			
35				*85	1500		
36	1548			86			
37				87	1498		
38	1546			88			
39				89	1496		
40	1544			90			FF 50994
41				91	1494		LF 50993
42	1542			92		NG	
43				93	1492		FF 50994 T20:07:56
44	1540			94			
45				95	1490		
46	1538			96			
47				97	1488		
48	1536			98			
49				99	1486		

COMMENTS

Bill

Da

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 752
REEL NO. _____

DATE 2-12-75
PROSPECT COOK INLET
DIR. OF SHOOTING WAVE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300	1484	m-1	185'	350		m-1	
01				51	1436		
02			SH 324°T	52			
03	1482		TB 183°R	53	1434		
04			CD 46, 50, 42, 45, 40, 42	54			
05	1480		MC 37	55	1432		
06				56			
07	1478			57	1430		
08				58			
09	1476			59			
10				60	1428		
11	1474			61			
12				62			
13	1472			63	1426		
14				64			
15	1470			65			
16				66	1424		
17	1468			67			
18				68	1422		
19	1466			69			
20				70	1420		
21	1464			71			
22				72	1418		
23			LF 50994	73			
24	1462		FF 50995 T 20:14:40	74	1416	m-2 220'	
25		NG		75		m-2 220' -	
26	1460			76	1414		
27				77			
28	1458	m-2	200' -	78	1412		
29				79			
30	1456			80	1410		
31				81			
32	1454			82	1408		
33				83			
34				84	1406		
35	1452			85			
36				86			
37	1450			87	1404		
38				88			LF 50996
39	1448			89	1402		FF 50997 T 20:31:20
40				90			
41	1446			91	1400		
42				92			
43	1444			93	1398		
44				94			
45	1442			95	1396		
46				96			
47	1440			97			
48				98	1394		
49	1438			99			

COMMENTS

Do

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-12-75

CLIENT USGS

PROSPECT COOKINLET

LINE NO. 752

DIR. OF SHOOTING WNW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400	1392	m1	Depth 235'	450	1392	m1	Depth 210 ft
01				51			
02	1390		SH 322°T	52	1340		LF 50998
03			TB 185°R	53			20:47:13 FF 50999
04	1388		CD 4750 4245 3940	54	1358		
05			mc 40	55			
06	1386			56	1336		
07				57			
08	1384			58	1334		
09				59			
10	1382			60	1332		
11				61			
✓12	1380			62	1330		
13				63			
14	1378			64	1328		
15				65			
16	1376			66	1326		
17				67			
18	1374			68	1324		
19				69			
20	1372		LF 50997	70	1322		
21			T 20:38:55 FF 50998	71			
22				72	1320	NG	
23	1370			73	1318		
24				74			
425	1368	m2	Depth 230 ft	475	1316	m2	Depth 180 ft
26				76			
27	1366			✓77	1314		
28				78			
29	1364			79	1312		
30				80	1310		
31	1362			81			
32				82	1308		
✓33	1360			83			
34				84	1306		LF 50999
35	1358			85	1304		T 20:55:29 FF 51000
36				86			
37	1356			87	1302		
38				88			
39	1354			89	1300		
40				90			
41	1352			91	1298		
42				92			
43	1350			93	1296		
44	1348			94			
45				95	1294		
46	1346			96			
47				97	1292		
48	1344			98			
49				99	1290		

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

R. M.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

DATE 7-12-75

CLIENT USGS

PROSPECT Cock Full

LINE NO. 752

DIR. OF SHOOTING WNW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500		m1	Depth 17	50	1244	m1	171'
01	1288		SH 327°	51			SH 330° T B 182° R
02			7B 184° 8	52	1242		
03	1286		SD 45 50 43 44 40 40	53			
04			m 40	54	1240		
05	1284			55			
06				56	1238		
07	1282			57			
08				58	1236		
09				59			
10	1280			60	1234		
11				61			
12	1278			62	1232		
13				63			
14	1276			64	1230		
15				65			
16	1274		LF 51000	66	1228		
17			T 21:02:57 FF 51001	67			
✓18	1272			68	1226		
19				69			
20				70	1224		
21	1270			71	1222		
22				72			
✓23	1268			✓73	1220		
24				74			
25	1266	m2	169'	75	1218	m2	181'
26				76			
27	1264			77	1216		
28				78			
29				79	1214		
30	1262			80			LF F-51002
31				81	1212		FF F-51003 T:21:19:07
32	1260			82	1210		
33				83			
34	1258			84	1208		
35				85			
36	1256			86	1206		
37				87			
38	1254			88	1204		
39		NG		89			
40				90	1202		
41	1252			✓91	1200		
42				92			
✓43	1250			93	1198		
44				94			
45	1248			95	1196		
46				96			
47	1246			97	1194		
48			LF F-51001	98	1192		
49			FF F-51002 T:21:10:58	99			

COMMENTS

"Dee"
CHS

1. Start newsheet for each tape.
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6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-12-75
CLIENT USGS PROSPECT COOK Inlet
LINE NO. 752 DIR. OF SHOOTING WNW
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
600	1170	M1	171' -	650		M1	160' -
01			SH 320° TB 186°R	51	1136		SH 319° T/TB 185°R
02	1188		CD 45 45 43 45 38 39	52	1134		
03			MS 41	53			
04	1186			54	1132		
05	1184			55			
06				56	1130		
07	1182			57			
08				58	1128		
09	1180			59			
10				60	1126		
11	1178			61			
12			LF 51003	62	1124		FROM START
13	1176		FF 51004 T. 21:27:14	63			
14				64	1122		
15	1174			65			
16				66	1120		
17	1172			67			LF 51005
18				68	1118		FF 51006 21:40:05
19	1170			69			
20				70	1116		
21	1168			71			
22				72	1114		
23	1166			73			
24				74	1112		
25	1164	M2	168' -	75		M2	165' -
26				76	1110		
27	1162			77			
28				78	1108		
29	1160			79			
30	1158			80	1106		
31				81			
32	1156			82	1104		
33				83			
34	1154			84	1102		
35				85			
36	1152			86	1100		
37				87			
38	1150			88	1098		
39				89			
40	1148			90	1096		
41				91			
42	1146			92	1094		
43				93			
44	1144		LF 51004	94	1092		
45	1142	N6		95			
46			FF 51005 21:35:09	96	1090		
47	1140			97			
48				98	1088		
49	1138			99			LF 51006

COMMENTS "Dee"
CH
CS

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 07/12/75
CLIENT USGS PROSPECT COOK INLET
LINE NO. 752 DIR. OF SHOOTING NAN
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
700	1086	M1	165' - FF 51007 21:47:06	750	1028	NG	
01				51			
02	1084		SH 319°T	52	1024	M1	SH 31°T CB 12°R
03			CB 183°R	53			-RS'
04	1082		CD 44 50 43 46 40 40	54	1024		
05			MC 40	55			
06	1080		FM 155°V	56	1022		
07				57			
08	1078			58	1020		
09				59			
10	1076			60	1018		
11	1074			61			
12				62	1016		
13	1072			63			
14		116		64	1014		
15	1070	NG	LF 51007	65			
16			E 51008 21:50:41	66	1012		
17	1068			67			
18				68	1010		
19	1066			69			
20				70	1008		
21	1064			71			
22				72	1006		
23	1062			73			
24				74	1004		
25	1060	M2	170' -	75		M2	172' -
26				76	1002		
27	1058			77			
28				78	1000		
29	1056			79			
30				80	998		LF 51007
31	1054	LF		81			22 51010 T 22:05:45
32				82	996		
33				83			
34	1052			84	994		
35				85			
36	1050			86	992		
37				87			
38	1048			88	990		
39				89			
40	1046			90	988		
41				91			
42	1044			92	986		
43				93			
44	1042			94	984		
45				95			
46	1040			96	982		
47			LF 51008	97			
48		NG		98	980		
49	1029		FF 51008	99			

COMMENTS

Clark

1. Start new sheet for each tape.
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6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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* 10 SP'S OFF

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89

DATE 7-12-75

CLIENT USGS

PROSPECT Cook Inlet

LINE NO. 752

DIR. OF SHOOTING UNKN

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
000	776	1011	16.2	50	774	101	70.0
01	776			51			
02			94 89.5	52	772		50 3.20
03	774		75 18.2	53			70 18.2
04			61.45 50.41 45 40 39	54	770		
05	772		15 90	55			
06			112 158.42	56	778		
07	770			57	776		
08				58			
09	768			59	774		
10				60			
11	766			61	772		
12			77 51010	62			
13	764		77 51011 T 22.16.32	63	770		
14	762			64			
15				65	778		
16	760			66			
17				67	776		
18	758			68	774		
19				69			
20	756			70	772		
21				71			
22	754			72	770		
23				73			
24	752			74	778		
25	750	1012	17.5	75		MZ	- 77.8
26				76	776		17 51012
27	748			77			22 51013 T 22.25.24
28				78	774		
29	746			79			
30				80	772		
31	744			81			
32				82	770		
33	742			83			
34				84	778		
35	740			85	776		
36				86			
37	738			87	774		
38				88			
39	736			89	772		
40				90			
41	734			91	770		
42	732			92			
43				93	778		
44	730		17 51011	94			
45			77 51012 T 22.19.05	95	776		
46	728			96			
47				97	774		
48	726			98			
49				99	772		

COMMENTS Foy

1. Start new sheet for each tape.
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6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 **DATE** 7-12-75
CLIENT WALL **PROSPECT** 1005
LINE NO. 7-2 **DIR. OF SHOOTING** Left
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			750' -	50			170' -
01	810			51	816		
02			20 300' -	52			34 318' -
03	868		70 170' -	53	814		11 180' -
04			10 40 50 44 15 40 40	54			
05	866		12 40	55	812		
06	864		11 1550 X2	56			
07				57	810		
08	862		17 51013	58			
09		M6	22 51014 22 31 39	59	808		
10	860			60			
11			4 GAINS	61	806		
12	858			62	804		
13				63			
14	856			64	802		
15				65			
16	854			66	800		
17				67			
18	852			68	798		
19	850			69			
20				70	796		
21	848			71			
22				72	794		17 51015
23	846			73			14 51016 12 45 32
24				74	792		
25	844	121	233' -	75	790	121	176' -
26	842			76			
27				77	788		
28	840			78			
29				79	786		
30	838			80			
31				81	784		
32	836			82			
33				83	782		
34	834			84			
35				85	780		
36	832			86			
37				87	778		
38	830			88			
39				89	776		
40	828		12 51014	90			
41			22 51015 22 31 48	91	774		
42	826			92			
43	824			93	772		
44				94	770		17 51016
45	822			95	768		22 51017 22 41 58
46				96	766		
47	820			97			
48				98	764		
49	818			99			

COMMENTS *Page*

1. Start new sheet for each tape.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-17-75
CLIENT U.S.S. PROSPECT ALVW
LINE NO. 752 DIR. OF SHOOTING
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	762	111	170	50			
01				51			
02	760	111		52			
03				53			
04	758			54			
05				55			
06	756		100 150 V2	56			
07				57			
08	754			58			
09				59			
10	752			60			
11		111		61			
12	750			62			
13				63			
14	748			64			
15				65			
16	746			66			
17				67			
18	744			68			
19				69			
20	742			70			
21				71			
22	740			72			
23	738			73			
24				74			
25	736			75			
026		111	17 510	76			
027	734	111	77:53:13	77			
28			WCC	78			
29			THE ROCK PROBLEMS	79			
30				80			
31				81			
32				82			
33				83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

Key → 1039 34-
Have → 1037 36+
12✓ 2+✓
SEE NOTE 10 SP'S OFF
(can't find 10 dummy)

1. Start newsheet for each tape.
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CIRCLE IN LINE

12
**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

①
**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 **DATE** 7-13-75
CLIENT 11545 **PROSPECT** CMC INLET
LINE No 752 **DIR. OF SHOOTING** ☒ Left ☐ Right
TAPE DECK ☐ Upper ☐ Lower

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00				50			185°
01	744A	M1	00:20:02	51	744A		
02				52			2940T
03	742A		2330T	53			75 185° R
04		M1	190° R 190°	54	742A		
05	740A		02:50:32.34.41	55			
06			36	56	740A		
07	733A		1500 PR	57			
08			CABLE NOT STRAIGHT	58	733A		
09	736A			59			
10				60			
11	734A			61	734A		
12				62			
13	732A			63	734A		
14				64			LF 8019
15	730A			65	732		0:30:54 FF 51020
16				66			
17	728A			67	730		
18				68			
19	726A			69	728		
20				70			
21	724A			71	726		
22	722A			72			
23				73	724		
24	720A			74			
25		M2	CABLE STRAIGHT 185°	75	722 M2		185°
26	718A			76			
27				77	720		
28	716A			78			
29				79	718		
30	714A			80			
31				81			
32	712A		LF 51018	82	716		
33			00:25:27 FF 51019	83			
34	710A			84	714		
35				85			
36	708A			86	712		
37				87			
38	706A			88	710		
39				89			
40	704A			90	708		
41				91			
42	702A			92	706		
43				93			
44	700A			94	704		
45				95			
46				96	702		LF 51020
47	700A			97			00:36:34 FF 51021
48				98	700		
49	700A			99			

COMMENTS PREPARE 64IN 2" ON TAPS 60-72. ALL OTHERS 27

FILL TIME 2.4
RECORD LENGTH 6.0
FATHOSCALE 0-60 FT

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No. 89 DATE 7/13/75
CLIENT USGS PROSPECT LOOKINLET
LINE NO. 752 DIR. OF SHOOTING WNW
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
100	694	M1	180'	50	650	M1	173'
01			SA 287°T	51			
02	696		TR 132°R	52	648		SA 285°T
03			CO 46 50 42 45 59 33	53			TR 133°R
04	694		MD 40	54	646		
05				55			
06	692			56	644		
07				57			
08	690			58	642		
09				59			
10	688			60	640		LF 510 22
11				61			CO 48:20 FF 510 23
12	686			62	638		
13				63			
14	684			64	636		
15				65			
16				66	634		
17	682			67			
18				68	632		
19	680			69			
20				70	630		
21	678			71			
22				72	628		
23	676			73			
24				74	626		
125	674	M2	175'	75		M2	171'
26				76	624		
27	672			77			
28			LF 510 21	78	622		
29	670		CO 42:23 FF 510 22	79			
30				80	620		
31	668			81			
32				82	618		
33	666			83			
34				84	616		
35	664			85			
36				86	614		
37	662			87			
38				88	612		
39	660			89			
40				90	610		
41	658			91			
42				92	608		LF 510 23
43	656			93		MS	CO 54:
44				94	606		CO 34:30 FF 510 24
45	654			95			
46				96			
47				97	604		
48	652			98			
49				99	602		

COMMENTS

ERIC

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BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 752
REEL NO. _____

DATE 7/13/75
PROSPECT COCKINNET
DIR. OF SHOOTING WIND
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		M1	170'	250	552	M1	160'
01	500			51			
02			SH 280°T	52	550		SH 278°T
03			TR 184°R	53			TR 182°R
04	548		CD 46 5042 46 3835	54	548		
05			MD 460	55			
06	596			56	546		
07				57			LF 51025
08	594			58	544		1:07:16 FF 51026
09				59			
10	592			60	542		
11				61			
12	590			62	540		
13				63			
14	588			64	538		
15				65			
16	584			66	536		
17				67			
18	584			68	534		
19				69			
20	582			70	532		
21				71			
22	580			72	530		
23				73			
24	578			74	528		
225	M2		LF 51024 160'	215	M2		155'
26	576		MD 46 5042 FF 51026	76	526		
27				77			
28	574			78	524		
29				79			
30	572			80	522		
31				81			
32	570			82	520		
33				83			
34	568			84	518		
35				85			
36	566			86	516		
37				87			
38	564			88	514		
39				89			LF 51026
40	562			90	512		1:13:44 FF 51027
41				91			
42	560			92	510		
43				93			
44	558			94	508		
45				95			
46	556			96	506		
47				97			
48	554			98	504		
49				99			

COMMENTS

ERIC

1. Start newsheet for each tape.
2. Cable and water depths should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 752

DATE 2/13/75
PROSPECT PORT NUGGET
DIR. OF SHOOTING W
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
300	502	M-1	MS	350	452	M-1	
01				51			
02	500		SH 230° T	52	450		LF-51028
03			TB 183° R	53			
04	498		UD 45524346 4039	54	448		FF-51029 TL:27:01
05			MD 41	55			
06	496			56	446		SH-270° T
07				57			TB-186° R
08	494			58	444		
09				59			
10	492			60	442		
11				61			
12	490			62	440		
13				63			
14	488			64	438		
15				65			
16	486			66	436		
17				67			
18	484			68	434		
19				69			
20	482			70	432		
21			LF 51027	71			
22	480		01:20:25 FF-51028	72	430		
23				73			
24	478			74	428		
25	M-2		147'	375	M-2		122'
26	476			76	426		
27				77			
28	474			78	424		
29				79			
30	472			80			
31				81	422		
32	470			82			
33				83	420		
34	468			84			
35				85	418		LF-51029
36	466			86			01:33:34 FF-51030
37				87	416		
38	464			88			
39				89	414		
40	462			90			
41				91			
42	460			92	412		
43				93	410		
44	458			94			
45				95	408		
46	456			96			
47				97	406		
48	454			98			
49				99	404		

COMMENTS

ERIC
&
RIL

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 752
REEL NO. _____

DATE 7/13/75
PROSPECT COCKINLET
DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400		M-1	125'	450	352		01.48:25 FF51032 ✓20'
01	402		SH-273°T	51			
02			TB-189°R	52	350		SH-270°T
03	400		CD-47.51.42, 46.39.36	53			TB-190°R
04			MS-91	54	348		
05	398			55			
06				56	346		
07	396			57			
08				58	344		
09	394			59			
10				60	342		
11	392			61			
12				62	340		
13	390			63			
14				64	338		
15	388			65			
16				66	336		
17	386		LF-51030	67			
18			01.40:50 FF-51030	68	334		
19	384		FGVA START	69			
20				70	332		
21	382			71			
22	380			72	330		
23				73			
24	378			74	328		
425		M-2	125'	475		M-2	130'
26				76	326		
27	376			77			
28				78	324		
29	374			79			
30	372			80	322		
31				81			LF-51032
32	370			82	320		01.55:34 FF-51033
33				83			
34	368			84	318		
35				85			
36				86	316		
37	366			87			
38	364			88	314		
39				89			
40	362			90	312		
41				91			
42	360			92	310		
43				93			
44	358			94	308		
45				95			
46	356			96	306		
47				97			
48	354			98	304		
49			LF-51031	99			

COMMENTS

YSL

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-13-75
CLIENT USGS PROSPECT Cock Inlet
LINE NO. 752 DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500	302	M-1	130'	50		M-1	125'
01			SH-2690T	51	252		
02	300		TB-190°R	52			SH-270
03			CD-47,51,44,47,40,36	53	250		TB-185
04	298		MS-42	54			
05				55	248		
06	296			56			
07				57	246		
08	294			58			
09				59	244		
10	292			60			
11				61	242		
12	290			62			
13			LF-51033	63	240		
14	288		02:03:34	64			
15				65	238		
16	286			66			
17				67	236		
18	284			68			
19				69	234		
20	282			70			
21				71	232		
22	280			72			
23				73	230		
24	278			74			
25		M-2	128'	75	228	M-2	
26	276			76			
27				77	226		
28	274			78			LF-51035
29				79	224		02:19:25 FF51036
30	272			80			
31				81	222		
32	270			82			
33				83	220		
34	268			84			
35				85	218		
36	266			86			
37				87	216		
38	264			88			
39				89	214		
40	262			90			
41				91	212		
42	260			92			
43				93	210		
44	258			94			
45			LF-51034	95	208		
46	256			96			
47			FF-51035 02:11:35	97	206		
48				98			
49	254			99	204		

COMMENTS

RJL
J Paul W.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in leadin MUST be noted.
5. Note number of guns. (Aquadulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

CLIENT USGS

LINE No. 752

REEL No. _____

DATE 2-13-75

PROSPECT Cook Inlet

DIR. OF SHOOTING WNW

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		11-1	130'	50	154	11-1	130'
01	202			51			
02			SH 272° T	52	152		
03			TB 135° R	53			
04	200		CP 46.51, 42.46, 39.36	54	150		SH 274° T
05			MD 44	55			TB 135° R
06	198			56	148		
07				57			
08	196			58	146		
09				59			
10	194		L 751036	60	144		
11			77 51039 T: 1:02:28.33	61			
12	192			62	142		
13				63			
14	190			64	140		
15				65			
16	188			66	138		
17				67			
18	186			68	136		
19				69			
20	184			70	134		
21				71			
22	182			72	132		
23				73			
24	180			74	130		L 751038
25				75			11-2 125' 77 51039 T: 2:40:06
26	178			76	128		
27				77			
28	176			78	126		
29				79			
30	174			80	124		
31				81			
32	172			82	122		
33				83			
34	170			84	120		
35				85			
36	168			86	118		
37				87			
38	166			88	116		
39				89			
40	164			90	114		
41				91			
42	162		L 751037	92	112		
43			77 51038 T: 2:35:31	93			
44	160			94	110		
45				95			
46	158			96	108		
47				97			
48	156			98	106		
49				99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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6. Insert 100's Digit first and last file

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Paul W

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-18-75
CLIENT USGS PROSPECT Coast-Inlet
LINE NO. 152 DIR. OF SHOOTING W.D.S.
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No	Page	REMARKS	FILE	SP. No	Page	REMARKS
00	104	111	125	50	054	114	90'
01			SH 27407	51			
02	103		713 185°R	52	055		
03			CD 46, 50, 44 46, 39, 36	53	056		
04	108		MD 45	54	057		↑ 03.05.00
05				55			REC 151041
06	098		L7 51039	56			
07			775 1040 7:02.52:41	57			
08	096			58			
09				59			
10	094			60			
11				61			
12	092			62			
13				63			
14	090			64			
15				65			
16	088			66			
17				67			
18	086			68			
19				69			
20	084			70			
21				71			
22	082			72			
23				73			
24	080			74			
25			11-2 110' ✓	75			
26	078			76			
27				77			
28	076			78			
29				79			
30	074			80			
31				81			
32	072			82			
33				83			
34	070			84			
35				85			
36	068			86			
37				87			
38	066		L7 51040	88			
39			03:0131 7751041	89			
40	064			90			
41				91			
42	062			92			
43				93			
44	060			94			
45				95			
46	058			96			
47				97			
48	056			98			
49				99			

COMMENTS

795
-52
743

152 Have
-743 Ned
-9 ✓

+3
-12
-9 ✓

Paul W.

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
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2

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89DATE 07/12/75CLIENT USGSPROSPECT COOK INLETLINE NO. 752DIR. OF SHOOTING SSEREEL NO. F-50974TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00				50	1822	m1	Depth 710 ft
001	1772	ml	T 15:36:51 160' -	51			
02				52			
03			SH 1220T	53	1824		
04	1774		78 1850R	54			
05			CD 4446 2934 3435	55	1826		
06	1776		m 41	56			
07	1778		rpm 1550X2	57	1828		
08				58			
✓09	1780			59	1830		
10				60			
11	1782			61	1832		
12				62			
13	1784			63	1834		
14				64			LF 50975
15	1786			65	1836		T 15:49:48 FF 50976
16	1788			66			
17				67	1838		
18	1790			68			
19				69			
20	1792			✓70	1840		
21				71			
22	1794			72	1842		
23				73	1844		
24	1796			74			
25		m2	Depth 160 ft -	75	1846	m2	Depth 265 ft -
26	1798			76			
27				77	1848		
✓28	1800			78			
29				79	1850		
30	1802			80			
31				81	1852		
32	1804		LF 50974	82			
33			T 15:43:31 FF 50975	83	1854		
34	1806			84			
35				85	1856		
36	1808			86			
37				87	1858		
38	1810			88			
39				89			
40	1812			90	1860		
41				91	1862		
42	1814			92			
43				93	1864		
44	1816			94			
45				95	1866		
46	1818			96			LF 50976
47				97			T 15:56:51
48	1820			98			FF 50977
49				99	1872		

COMMENTS

PREAMP GAINS 2^L ON CHAN
38, 39, & 60 THRU 72, ALL
OTHERS 2^L
FATHO SCALE 0-600 FT.
FILL TIME 2.4 SEC
RECORD LENGTH 6.0 SEC

Grp. 5 is Dead

P.m.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT 45GS
LINE NO. 757
REEL NO. _____

DATE 7-12-75
PROSPECT COOK Inlet
DIR. OF SHOOTING SS E
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1874	31	180 ft -	50	1922	m1	190' -
01				51			
02	1876		SH 11407	52	1924		
03			75 1840R	53			
04	1878		CD 4547 4245 3834	54	1926		
05			12 42	55			
✓06	1880		SD	56	1928		
07				57			
08	1882			58	1930		
09				59			
10	1884			60	1932		
11				61			
12				62	1934	NG	LF F-50978
13	1886			63	1936		FF F-50977 T: 16:09:55
14				64			
15	1888			65	1938		
16	1890			66			
17				67			
18	1892			✓68	1940		
19				69			
20				70	1942		
21	1894			71			
22				72			
23	1896			73	1944		
24				74			
125	1898	m2	DEPTH 220 feet -	175	1946	m2	
26				76			
✓27	1900			77	1948		
28				78			
29	1902		LF 50977	79	1950		
30		NG	T 16:03:28 FF 50978	80			
31	1904			81	1952		
32				82	1954		
33	1906			83			
34				84	1956		
35	1908			85	1958		
36				86			
37	1910			✓87	1960		
38				88			
39	1912			89	1962		
40				90			
41				91	1964		
42	1914			92			
43				93	1966		
44	1916			94			LF F-50979
45				95	1968		FF F-50980 T: 16:16:09
46	1918			96			LF F-50979
47				97	1970		
✓48	1920			98			
49				99	1972		

COMMENTS

"Dec"
CHD

P.m

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO 89

DATE 7-12-75

CLIENT USGS

PROSPECT Cook Inlet

LINE NO. 752

DIR. OF SHOOTING SSE

REEL NO

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		M1	182'	250	2024	M1	1541-
01	1974		SH 118°T TB 185°R	51			
02			CD 45 50 42 44 44 36	52	2026		
03	1976		MS 40	53			LF F-50981
04				54			FF F-50982
05	1978			55	2030		
06				56			
07				57	2032		
08	1980			58			
09				59	2034		
10	1982			60	2036		
11	1984			61	2038		
12				62			
13				63	2040		
14	1986			64			
15				65	2042		
16	1988			66			
17				67	2044		
18	1990			68	2046		
19				69			
20	1992			70	2048		
21				71	2050		
22	1994			72			
23				73	2052		
24	1996			74	2054		
225		M2	160' -	275		M2	1561 -
26	1998		LF F-50980	76			
27			FF F-50981 T' 16' 32' 52	77	2056		1560 X2
28	2000			78			
29				79	2058		
30				80			
31	2002			81	2060		
32	2004			82			
33				83	2062		
34	2006			84			
35				85	2064		LF F-50982
36	2008			86			FF F-50983 T' 16' 32'
37				87	2066		
38				88		NG	
39	2010			89		NG	
40			(TAPE PROBLEM)	90			
41	2014			91	2070		
42				92			
43	2016			93			
44				94	2072		
45	2018			95			
46				96	2074		
47	2020			97	2076		
48	2022			98			
49				99			

COMMENTS

"Dee"
CH

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquadpulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE

K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 07/12/75

CLIENT USGS

PROSPECT COOK INLET

LINE NO. 752

DIR. OF SHOOTING 50°

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300	2078	277		350			
01		M1	130'	51			
02			SH 094° TB 195°	52			
103	2080		CD 49 47 42 44 38 34	53			
04			MS 45	54			
05	2082			55			
06			1450 RPM	56			
07	2084			57			
08				58			
09				59			
10				60			
11				61			
12	2086			62			
13	2088			63			
14				64			
15				65			
16				66			
17	2090			67			
18			LF F-50983	68			
19	2092		FF F-50984 T16.37.33	69			
20				70			
21				71			
22				72			
23	2094			73			
24				74			
325	2096	M2	1391	375			
26				76			
27				77			
28	2098			78			
29				79			
30				80			
31				81			
32	2100			82			
33				83			
34				84			
35	2102			85			
36				86			
37	2104			87			
38	2106			88			
39				89			
40	2108			90			
41				91			
42	2110			92			
43				93			
44	2112			94			
45				95			
46	2114			96			
47	2116		T16.43	97			
48				98			
49				99			

COMMENTS

"Dee"
CH

CIRCLE

2116
-1771
345 mid
397 have
-2 ✓
-22
+20
-2 ✓

EOL

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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K=KICKS ACROSS RECORD

CIRCLE

DATE 7-31-75

USGS

SAMPLE RATE	1
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RECORD LENGTH
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131-18

AREA

COOK TRILLET

LINE NUMBER

752

ANALYST

LYST
FR, AR

RC

FIELD REELS	EDIT REELS	DIGITAL RECORDS	SKIPS/REMARKS
1974-F50977	26374	1-121	MISSING REC=97,
1977-F50981	24436	122-246	MISSING REC=130,
			DEAD REC=162, 238,
			MISSING REC=239, 245,
50981-F50985	26268	247-347	MISSING REC=253, 288, 28
			CIRCLE
		1-24	
F50985-F50989	22233	25-147	DEAD REC=130,
F50989-F50993	31613	148-271	MISSING REC=162,
			DEAD REC=163, 195, 227,
			259,
F50993-F50997	30154	272-394	DEAD REC=292, 325,
F50997-F51000	32230	395-515	DEAD REC=503,
F51000-F51004	26428	516-638	MISSING REC=538,
F51004-F51009	31996	639-761	DEAD REC=645,
			MISSING REC=748,
			DEAD REC=750,
F51009-F51013	21109	762-885	
F51013-F51013	19043	886-908	
F51014-F51017	23002	909-999	DEAD REC=989, 990,
		000-026	MISSING REC=993,
			DEAD REC=994,
F51018-F51018	25569	1-6	CIRCLE
F51018-F51021	22192	7-127	DEAD REC=96,
F51021-F51025	22589	128-251	MISSING REC=193,
F51025-F51029	07076	252-377	MISSING REC=353,
F51029-F51033	21871	378-497	
F51033-F51037	21964	498-619	MISSING REC=546,
F51037-F51041	00050	620-741	
F51041	33071	742-753	

FORM 10-152a
REV. 6/74

Perry-Kay Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

cal, Inc.
International Incorporated

[illegible]

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 07
CLIENT USGS
LINE NO. 723
REEL NO. _____

DATE 7-13-75
PROSPECT Coke Jet
DIR. OF SHOOTING _____
TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			LF-51071	50			555-
01	342	11-1	T-08:36.40	51	376		
02		23	SH-015.1	52			
03	324	23	1.5-1.5.12	53	378		
04		25	CD-44.54.37.40.35.40	54			
05		26	HS-44	55	380		LF-51072
06	326	27	RPM-1200X2	56			09:08:19 FF 51073
07		28		57	382		
08		29		58			
09	328	30		59	384		
10		31	Occasional birdnoise	60			
11	330	32		61	386		
12		33		62			Sgun2
13	332	34		63	388		
14		35		64			
15	336			65	390		
16				66			SH-110.0T
17	338			67	392		TB-156.0R
18				68			
19	340			69	394		
20				70			
21	342			71	396		
22				72			
23	344			73	398		Bird still occasionally
24				74	400		Kicking grp #1
25	346			75			250ft
26				76	402		
27		11-2	25.5'	77			
28	348		LF-51071	78	404		
29			09:02:20	79			
30	350			80	406		
31	352			81			
32				82	408		
33	354			83			
34				84	410		LF-51073
35	356			85			09:18:39 FF-51074
36	358			86	412		
37				87	414		
38	360			88			
39				89	416		
40	362			90			
41	364			91	418		
42	366			92			
43				93	420		
44	368			94			
45				95	422		
46	370			96			
47	372			97	424		
48				98			
49	374			99	426		

COMMENTS

Fill 2.4 sec.
Record length 07 sec.
Tath. Scale - 0-600'

RSL

Preamp gains
2⁵ on grps. 60-72
all rest 2⁷

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start and at each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
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K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-13-71

CLIENT USNS

PROSPECT Continental

LINE NO. 753

DIR. OF SHOOTING ES

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		11-1	290°	50			
01	408		SH-116°T	51		M-1	225°
02			TE-155°R	52	478		
03	430		CD-42 25 44, 46, 49, 37	53	480	NG	
04			15-37	54	482		
05	452		KPM-1600	55			
06				56	484		LF-51076
07	434			57			88-211-51079
08				58	486		
09	436			59			
10				60	488		
11	438			61			SH-105°T
12			LF-51074	62	490		TB-184°R
13	440		09:19:27 LF-51075	63			
14				64	492		6 guns
15	442			65			
16				66	494		
17	444			67			
18				68	496		
19	446			69			
20				70			
21	448			71	498		
22				72			
23	450			73	500		Bird still kicking
24				74			
25	452	M-2	230°	75	502	M-2	225°
26				76			
27	454			77	504		
28				78			
29	456			79	506		
30				80			
31	458			81			
32				82	508		
33	460			83			
34				84	510		LF-51077
35	462			85			09:33:20 LF-51078
36				86	512		
37	464			87			
38				88			
39	466			89	514		
40			LF-51075	90			
41	468		09:29:36	91	516		
42				92			
43	470			93	518		
44				94			
45	472			95	520		LF-51077
46				96	522		
47	474			97			09:36:00 LF-51078
48				98	524		
49	476			99			

COMMENTS

RJL

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89

DATE 7-13-75

CLIENT USSS

PROSPECT Cash/Lt

LINE NO. 753

DIR. OF SHOOTING C-2

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200	526	M-1	220'-	50		M-1	220'-
01				51	576		
02	528		CH-104T	52			LF-51080
03			TR-1.6R	53	578		09:47:44 FF 51081
04	530		CH-45.55, 44, 46, 39, 40, 41	54			
05			M-12	55	580		CH-1050T
06				56			TTB-1830R
07	532			57	582		
08				58			
09	534			59	584		
10				60			
11	536			61	586		
12				62			
13	538			63	588		
14				64			
15	540			65	590		
16				66			
17	542			67	592		
18				68			
19	544			69	594		
20			LF-51079	70			
21	546			71	596		
22				72			
23	548			73	598		
24			LF 51079	74			
25	550	M-2	09:41:51 FF 51080 212'	75	600	M-2	220'-
26				76			
27	552			77	602		
28				78			
29	554			79	604		
30				80			LF-51081
31	556			81	606		09:53:44 FF 51082
32				82			
33	558			83	608		
34				84	610		
35	560			85			
36				86	612		
37	562			87			
38				88			
39	564			89	614		
40				90			
41	566			91	616		
42				92			
43	568			93	618		
44				94			
45	570			95	620		
46				96			
47	572			97	622		
48				98			
49	574			99	624		

COMMENTS

RJR

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aqua pulse)
6. Insert 100's Digit first and last file

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Type in remarks column (Ship, etc)

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 99
CLIENT 11205
LINE NO. 103
REEL NO. _____

DATE 7/13-75
PROSPECT Chalk Lake
DIR. OF SHOOTING CS
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		11-1		50		11-1	225' -
01	626			51	679		
02			517 105° ET	52			
03	628		CB 182° R	53	676		
04			CD 46 54 42 45 40 40	54			
05	630		ML 42	55	678		
06				56			
07	632			57	680		
08			LF 51082	58			
09	634		FF 51083 09:59:38	59	682		
10				60			
11	636			61	684		
12				62			
13	638			63	686		
14				64			LF 51084
15	640			65	688		FF 51085 10:11:48
16				66			
17	642			67	690		
18				68			
19	644			69	692		
20				70			
21	646			71	694		
22				72			
23	648			73	696		
24				74			
25	650	M2	225' -	75	698	M2	232' -
26				76			
27	652			77	700		
28				78			
29				79	702		
30	654			80			
31				81	704		
32	656			82			
33				83	706		
34	658			84			
35				85	708		
36	660		LF 51083	86			
37			FF 51084 10:05:35	87	710		
38	662			88			
39				89	712		
40	664			90			
41				91	714		
42	666			92			LF 51085
43				93	716		FF 51086 10:17:59
44	668			94			
45				95	718		
46	670			96			
47				97	720		
48	672			98			
49				99	722		

COMMENTS

Chalk

Grp. 18 is dead.

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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PARTY No. 89 DATE 7-13-75
CLIENT USGS PROSPECT Cock Inlet
LINE No. 753 DIR. OF SHOOTING ESE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	REMARKS	FILE	SP No	REMARKS
00		230'	50	777	Depth 240 feet -
01	724	SH 105°T	51		
02		CB 183°K	52		
03	726	CD 4554 44 464038	53	776	
04		RL 43	54		
05	728		55	778	
06			56		
07	730		57	779	
08			58		
09	732		59	782	
10			60		
11	734		61	784	
12			62		
13			63		
14	736		64	786	
15			65		
16	738		66	788	
17			67		
18	740		68	790	
19			69		
20	742	LF 51086	70	792	
21		FF 51087 10:24:09	71		
22	744		72	794	
23	746		73		
24			74	796	
25	748	M2 240'	75		235 ft -
26			76	798	LF 51088
27	750		77		T 10:36:37 FF 51089
28			78	800	
29	752		79		
30			80	802	
31	754		81		
32			82	804	
33	756		83		
34	758		84	806	
35			85	808	
36	760		86		
37			87	810	
38	762		88		
39			89	812	
40	764		90		
41			91	814	
42	766		92		
43			93		
44	768		94	816	
45			95		
46	770		96	818	
47			97		
48	772	LF 51087	98	820	
49		FF 51088 10:30:24	99		

COMMENTS

Clock

Trace 18 is dead.

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, and at each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
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PARTY No 89 DATE 7-13-75
CLIENT USGS PROSPECT Cook Inlet
LINE No. 753 DIR. OF SHOOTING ESS
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	222	m1	Depth 245 fcs	50	272	m1	Depth 260 ft -
01				51			
02	221			52	271		
03				53			
04	226		LF 51091	54	275		
05			T 10:45:06 LF 51090	55			
06	228			56	278		
07			SH 1110T	57			
08	220		TS 1820R	58	282		
09			SD 4554 4245 4040	59			LF 51091
10	222		th 1/2	60	282		T 10:45:49 FF 51092
11				61			
12	221			62	284		
13				63			
14	220			64	286		
15				65			
16	228			66	288		
17				67			
18	270			68	290		
19				69			
20	272			70	292		
21				71			
22	271			72	294		
23				73			
24	276			74	296		
25		m2		75		m2	270' RPM 1450x2
26	278			76	298		
27				77			
28	220			78	300		
29				79			
30	226			80	302		
31			LF 51090	81			
32	227		T 10:49:20 FF 51091	82	304		
33				83			
34	226			84	306		
35				85			
36	228			86	308		
37				87			LF 5092
38	260			88	310		FF 51093 T 11:02:38
39				89			5 mins
40	262			90	312		RPM 1600x2
41				91			
42	267			92	314		
43				93			
44	266			94	316		
45				95			
46	268			96	318		
47				97			
48	270			98	320		
49				99			

COMMENTS

Trace 18 is dead.

R.M.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89

DATE 7-12-75

CLIENT U.S.S.

PROSPECT COOK F-4

LINE NO. 7-3

DIR. OF SHOOTING FSF

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
600	922	1	251'	650	974	1	270'
01				51			
X 02	924		SH 11:07	52	976		
03			TB 15:30R	53			
04	926		CD 48 54 44 44 38 40	54	978		
05	928		MC 37	55			
06				56	980		
07	930			57			
08				58	982		
09	932			59			
10				60	984		
11	934			61			
12				62	986		
13	936		LF 51093	63	988		
14	938		LF 51094 T 11:09:05	64			6 guns
15				65	988		2034
16	940			66			
17				67	990		LF 51095 PC EOF
18	942			68			FF 51096 11:22:34
19				69	992		Header reads 91097 for
20	944			70			first P files
21				71	994		
22	946			72	996		
23				73			
24	948			74	998		
25			260'	75			255'
26	950			76	998		
27				77			
28	952			78	998		
29				79			
30	954			80	1000		
31				81			
32	956			82	1004		
33				83			
34	958			84	1006		
35				85			
36	960			86	1008		
37				87			
X 38	962		LF 51094 maybe no good	88			
X 39	964		Deck trouble	89	1010		
40	964		FF 51095 11:14:34	90			
41				91	1012		
42	966			92			
43				93	1014		
44	968			94			short file
45				95	1016		LF 51096 NO EOF
46	970			96			FF 51097 T 11:26:48
47				97	1018		
48	972			98			
49				99	1020		

COMMENTS

Rel

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Lead-in MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE
N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K=KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 39 DATE 7-13-75
CLIENT USGS PROSPECT 20-1-104
LINE NO. 733 DIR. OF SHOOTING ESE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Remarks	FILE	SP No	Remarks
700		M1	750	1070	M1
01	1002		51		LF F-51098 285'
02		SH 1111	52	1072	FF F-51099 T: 11:39:50
*03	1004	1012 R	53		
04		CD 4854 4346 3840	54		
05	1026	M1 38	55	1074	
06			56		
07	1038		57	1076	
08			58		
09	1030		59	1078	
10			60		
11	1032		61	1080	
12			62		
13	1034		63	1082	
14			64		
15	1036		65	1084	
16			66		
17	1038		67	1086	
18			68		
19	1040		69	1088	
20			70		
21	1042		71	1090	
22		LF F-51097	72		
23	1044	FF F-51098 T: 11:33:10	73	1092	
24			74		
725	1046	M2 283'	75	1094	293'
26			76	1096	
27	1048	1550 RPM	77		LF F-51099
28			78		FF F-51100 T: 11:46:56
29	1050		79	1098	
30			80		
31	1052		81	1100	
32			82		
33	1054		83	1102	
34			84		
35	1056		85	1104	
36			86		
37			87	1106	
38	1058		88		
39			89	1108	
40	1060		90		
41			91		
42	1062		92	1110	
43			93		
44	1064		94	1112	
45			95		
46	1066		96	1114	
47			97		
48	1068		98	1116	
49			99		

COMMENTS

"Dec"
CHD

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 87

DATE 6/13/75

CLIENT USGS

PROSPECT COOK 12187

LINE NO. 752

DIR. OF SHOOTING ESE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1115	111	302'	50	1160	111	320'
01			54 120° TB 180°	51			
02	1170		42 44 50 42 44 38 37	52	1172		
03			113 41	53			
04	1122		LF F-51100	54	1172		
05			FF F-51101 T:11:50:00	55			
06	1121			56	1171		
07				57			
08	1126			58	1176		
09				59			
10	1128			60	1172		LF 51102
11				61			FF 51103 12:08:52
12	1130			62			
13				63	1150		
14	1132			64			
15				65	1172		
16	1132			66			
17				67	1124		
18	1136			68			
19				69	1186		
20	1131			70			
21				71	1128		
22	1131			72			
23				73	1190		
24	1132			74			
25	112	112	300'	75	1192	112	330'
26	1141			76			
27				77	1191		
28	1142			78			
29				79	1196		
30	1149			80			
31				81	1198		
32	1156		LF-F-51101	82			
33			FF F-51102 T:12:01:26	83	1200		
34	1152			84			
35				85	1202		
36	1154			86			
37				87	1204		
38	1156			88			LF 51103
39				89	1206		FF 51104 12:16:19
40	1158			90			
41				91	1208		
42	1160			92			
43				93			
44	1162			94	1210		
45				95			
46	1161			96	1212		
47				97			
48	1166			98	1214		
49				99			

COMMENTS "Dee"
CH

Dan

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, and at each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D = DUMMY FILE
M = MONITOR
NG = BAD FILE, DELETE
PE = MORE THAN 4 PARITY ERRORS
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Type in remarks column (Ship, etc.)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89

DATE 02/13/75

CLIENT USGS

PROSPECT CRP 12167

LINE NO. 203

DIR. OF SHOOTING 203

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
900	1216	m-1	235'	950	1266	111	315'
01				51	1266		
02	1218		SH 127	52			
03			TC 178	53	1268		
04	1220		LC 46 53 43 44 98 37	54			
05			MC 40	55	1270		
06				56			
07	1222			57	1272		
08				58			
09	1224			59	1274		
10				60			
11				61	1276		
12	1226			62			
13				63	1278		
14	1228			64			
15				65	1280		
16	1230		LF F-51104	66			
17			FE F-51105 12:23:47	67	1282		
18	1232			68			
19				69	1284		
20	1234			70			not good file on 51106
21				71	1286	NG	
22	1236			72		NG	LF 51106
23				73	1288		FE 5107 12:139:19
24	1238			74			330'
925	1240	m-2	315'	975	1290	RIZ	Header changed to 51107 here
26				76			
27				77	1292		
28	1242			78			
29	1244			79	1294		
30				80			
31	1246			81	1296		
32				82			
33	1248			83	1298		
34				84			
35	1250			85	1300		
36				86			
37	1252			87			
38				88	1302		
39	1254			89			
40				90	1304		
41	1256			91			
42				92	1306		
43	1258			93			
44			LF 51105	94	1308		
45	1260		FE 51106 12:31:33	95			
46				96	1310		
47	1262			97			
48				98	1312		
49	1264			99			

COMMENTS

1. Start newsheet for each tape.
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3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE No. 753
REEL No. _____

DATE 7-13-75
PROSPECT Cook Inlet
DIR. OF SHOOTING ESR
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1314	M1	LF 51107	050	1362	M1	Depth 330 ft
X 01		N6		51			
02	1316		FF 51108 12:47:15	52	1364		
03				53			
04	1318	M1	SH 127° T - 335'	54	1366		
05	1318		CB 178° R	55			
06			CD 42 53 43 45 39 37	56	1368		
07	1320		ML 40	57	1369		LF 51109
08				58	1375		T 13:03:22 FF 51110
09	1322			59			
10				60	1372		
11	1324			61			
12				62	1374		
13				63			
14	1326			64	1376		
15				65			
16	1328			66	1378		
17				67			
18	1330			V68	1390		
X 19			Short file	69			
20	1332			070			
21				71	1382		
22	1334			72			
23				73	1384		
Q 24	1336			74			
25		M2	345' -	075	1386	M2	335 ft
26	1338			76			
27				77	1388		
28	1340			78			
29			LF 51109	79	1390		
30	1342		FF 51109 12:55:01	80			
31				81	1392		
32				82			
33	1344			83	1394		
34				84			
35	1346			85	1396		LF 51110
36				86			T 13:11:42 FF 51111
37	1348			87	1398		
38				88			
39	1350			089	1400		
40				90			
41	1352			91	1402		
42	1354			92			
Q 43				93	1404		
V 44	1356			94			
45				95	1406		
46	1358			96			
47				97	1408		
48	1360			98			
49				99	1410		

COMMENTS

Clark

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89

DATE 7-13-77

CLIENT USGS

PROSPECT Look In 64

LINE NO. 753

DIR. OF SHOOTING ESE

REEL NO. _____

TAPE DECK ☐ Jupper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100		41	Depth 375 ft	150			
01				51			
02				52			
03				53			
04			SH 13 OT	54			
05			CB 17 OK	55			
06			CD	56			
07			ML	57			
08			T 13:18:05	58			
09				59			
10				60			
11				61			
12				62			
13				63			
14				64			
15				65			
16				66			
17				67			
18				68			
19				69			
20				70			
21				71			
22				72			
23				73			
24				74			
25				75			
26				76			
27				77			
28				78			
29				79			
30				80			
31				81			
32				82			
33				83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

3
1418
321
1095
1102

1289
1106
1107
1095
112

109

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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1107
1095
112

-32
+20
120K

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 DATE 07/15/75
CLIENT USGS PROSPECT COOK INLET
LINE NO. 753 DIR. OF SHOOTING NW
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			Reel # 51207	050			235' -
01	328A	M-1	240' - T. 01:03:06	51	278		
02				52			
03	328A		SH 30807	53	276		
04	324A		TR 17308	54			
05			CD 45.58 4940.25.35	55	274		
06	322A		MD 35'	56			L7 51208
07	320			57	272		77 51209 T. 01:14.25
08				58			
09	318			59	270		
10				60			
11	316			61	268		
12	314			62			
13				63			
14	312			64	266		
15				65			
16	310			66	264		
17				67			
18	308			68	262		
19				69			
20	306			70	260		
21				71			
22	304			72	258		
23				73			
24	302			74	256		
25		M-2	240' -	75		M-2	231' -
26	300			76	254		1/2 mile off line NW
27				77			
28	298		L7 51207	78	252		
29	298		77 51208 1:08:47	79			
30				80	250		
31	296			81			
32				82	248		
33	294			83			
34				84	246		L7 51209
35				85			77 51210 T. 01:20.34
36	292			86	244		
37				87			
38	290			88	242		
39				89			
40	288			90			
41				91	240		
42	286			92			
43				93	238		
44	284			94			
45				95	236		
46	282			96			
47				97	234		
48				98			
49	280			99	232		

COMMENTS

Fill time - 2.4 sec. -
Record length - 7 sec.
Fathos scale - 0-600

Chans 60-72 pump gains 2.6
all others 2.7

Grp. #5 is dead. Paul W.

1. Start new sheet for each tape.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 753
REEL NO. _____

DATE 7-8-75
PROSPECT Cock Tule
DIR. OF SHOOTING WNL
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		M-1	225'-	150	182	M-1	190'-
01	230			51			
02			SH 508°7	52	180		
03	228		T 178°R	53			
04			CD 43.6042 39.3236	54	178		
05	226		MD 36	55			
06				56	176		
07	224			57	174		
08				58	172		
09	222			59			
10				60	170		
(1) 220				61			
12			L7 51210	62	168		
13	218		77 51211 T:01:26:36	63			
14				64	166		
15				65	164		
16	216			66	162		
17				67			
18	214		1 mile N of Line	68			L7 51212
19				69	160		77 51213 T:01:38:47
20	212			70			
21				71	158		
22				72	156		
23	210			73			
24				74	154		
25	208			75	152		
26		M-2	208'-	76		M-2	183'-
27	206			77	150		
28				78			
29	204			79	148		
30				80	146		
31	202			81			
32				82	144		
(3) 200				83	142		
34				84			
35				(85)	140		
36	198			86			
37				87	138		
38	196			88			
39				89	136		
40	194		L7 51211	90			
41			77 51212 T:01:32:47	91	134		
42	192			92	132		
43				93			
44	190			94	130		
45				95			
46	188			96	128A		L7 51213
47	186			97			77 51214 T:01:43:49
48				98	126A		
49	184			99	124A		

COMMENTS

Paul W.

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2. Cable and water depth should be noted every tenth shotpoint.
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5. Note number of guns. (Aquadpulse)
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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89 DATE 7-5-75
CLIENT 4965 PROSPECT COCK INLET
LINE NO. 753 DIR. OF SHOOTING NVLG
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		M-1	180'	50		M-1	173'
01	124A			51	074A		
02			SH 287T	52			
03	120A		TR 1860R	53	012A		L7 51215
04			CD 4710, 42, 42, 5536	54			77 51216 T: 1:52:08
05	118A		MD 36	55	070A		
06				56			
07	116A			57	078A		
08				58			
09	114A			59	066A		
10				60	066A		
11	112A			61			
12				62			
13	110A			63	064A		
14				64			
15	108A			65	062A		
16				66			
17	106A			67	060A		
18				68			
19	104A			69	058A		
20				70			
21	102A			71	056A		
22				72			
23	100A			73			
24			L7 51214	74	054A		
X25	098A		Ti	75	M-2		
26	096A	125'	77 51215 T: 1:01:48.00	76	052A		
27	096A			77			
28				78	050A		
29	094A			79			
30				80	048A		
31	092A			81			L7 51216
32				82	046A		77 51217 T: 1:56:20
33				83			
34	090A			84	044A		
35				85		NVG	
36	088A			86			
37				87	042A		
38	086A			88			
39				89	040A		
40	084A			90			
41				91	038A		
42	082A			92			
43				93	036A		
44	080A			94			
45				95	034A		
46				96			
47	078A			97	032A		
48				98			
49	076A			99			

COMMENTS

Paul W.

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2. Cable and water depth should be noted every tenth shotpoint.
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4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-15-75
CLIENT USGS PROSPECT COCKIPIET
LINE NO. 153 DIR. OF SHOOTING NNE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	03A	M-1	165'	50			
01			SH	51			
02	038A		7B	52			
03			CD 506, 43, 43, 36, 37	53			
04			MD 38	54			
05	026A			55			
06				56			
07	024A			57			
08				58			
09	022A		LZ 51217	59			
10			77 51213 Ti 02:00:36	60			
11	020A			61			
12				62			
13				63			
14	018A			64			
15				65			
16	016A			66			
17				67			
18	014A			68			
19				69			
20	012A			70			
21				71			
22	010A			72			
23				73			
24				74			
25	008A			75			
26				76			
27	006A			77			
28				78			
29	004A			79			
30				80			
31	002A			81			
32				82			
33	000A		80L USGS 755 Ti 2:04:10	83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

333 Have
329 Need

-4 ✓

+14
-18

-4 ✓

Paul W.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

5

①

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

Julian 191
DATE 7-10-75

CLIENT USGS

PROSPECT cook Juliet

LINE NO. 754

DIR. OF SHOOTING WWW

REEL NO

TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00				50			
01	1410	m1	FF on 650723	51	1364		445' -
02			water depth 450 ft -	52			
03	1408		SH 2000T	53	1362		
04			TR 1800K	54			
05	1406		CD 444834483236	55			
06			MC 28	56	1360		
07			RPM 150082	57			
08	1404			58	1358		
09				59			
10	1402			60	1356		
11				61			
12				62	1354		
13	1400			63			
14				64	1352		LF 50724
15	1398			65			FF 50725 T-18:52:38
16				66	1350		
17	1396			67			
18				68	1348		
19	1394			69			
20				70	1346		
21				71			
22	1392			72	1344		
23				73			
24	1390			74	1342		
25		m2	445' -	75		m2	440' -
26	1388			76	1340		
27				77			
28	1386			78	1338		
29				79			
30	1384			80	1336		
31				81			
32	1382		LF 50723 18:44	82	1334		
33			FF 50724 T-18:44:39	83			
34	1380			84	1332		
35				85			
36	1378			86	1330		
37				87			
38	1376			88	1328		
39				89			
40				90	1326		
41	1374			91			
42				92	1324		
43	1372			93			
44				94	1322		
45	1370			95			
46				96	1320		LF 50725
47	1368			97			FF 50726 19:00:51
48				98	1318		
49	1366			99			

COMMENTS Fill time: 2.4
Rec Length: 6.0 sec
Fath Scale: 0.600 ft

Note preamp gain 26 on 38,39, +60-72
all others 27

ALL TIMES GMT

Bill

from local time
time is International time - 10 hrs difference

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5. Note number of guns. (Aquadpulse)
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QUALITY CONTROL CODES

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M=MONITOR
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②

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 84 DATE 7-10-75
CLIENT USGS PROSPECT COCK TURT
LINE NO. 754 DIR. OF SHOOTING WVW
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
X00	1316	M1	440' -	50	1266	M1	430' -
01				51			
02	1314		SH 2960T	52	1264		
03			TR 1800R	53			
04	1312		CD 44 5035 4334 37	54	1262		
05			MC 27	55			
06	1310			X56	1260		
07				57			
08	1308			58	1258		
09				59			
10	1306			60	1256		LF 50727
11				61			FF 50728 1917:07
12	1304			62	1254		
13				63			
14	1302			64	1252		
15				65			
X16	1300			66	1250		
17				67			
18	1298			68	1248		
19				69			
20	1296			70	1246		
21				71			
22	1294			72	1244		
23				73			
24	1292			74	1242		
25		M2	-437' 5"	75		M2	420' -
26	1290			76	1240		
27				77	1238		
28	1288		LF 50726	78			
29			FF 50727 T 19:09:00	79	1236		
30	1286			80			
31				81	1234		
32	1284			82			
33				83	1232		
34	1282			84			
35				85	1230		
X36	1280			86			
37				87	1228		
38	1278			88			
39				89	1226		
40	1276			90			
41				91	1224	PCV 5 RT	
42	1274			92			LF 50729
43				93	1222		FF 50730 T 19:25:14
44	1272			94			
45				X95	1220		
46	1270			96			
47				97	1218		
48	1268			98			
49				99	1216		

COMMENTS

Bill

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89 DATE 7-10-75
CLIENT USGS PROSPECT Rock Inlet
LINE NO. 754 DIR. OF SHOOTING W200
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		M1	405' -	50		M1	387' -
01	1214			51	1160		
02				52			
03	1212		SH 2930T	53	1158		
04			TB 1870 R	54			
05	1210		CD 494537463440	55	1156		Z
06			MC 30	56			LF 50730
07	1208			57	1154		FF 50731 T-19:46:18
08				58			
09	1206			59	1152		
10				60			
11	1204			61	1150		
12				62			
13	1202			63	1148		
14				64			
15	1200			65	1146		
16	1198			66			
17				67	1144		
18	1196			68			
19				69	1142		
20	1194			70	1140		
21				71			
22	1192			72	1138		
23				73			
24	1190		SELF 50729	74	1136		
225	M2		FF 50730 19:33:28	75		M2	375' -
26	1188		400' -	76	1134		
27				77	1132		
28	1186			78			
29	1184			79	1130		
30				80			
31	1182			81	1128		
32				82			
33	1180			83	1126		
34				84			
35	1178			85	1124		
36			FGA END	86			
37	1176			87	1122		
38	1174			88			LF 50731
39				89	1120		FF 50732 T-19:48:54
40	1172			90			
41				91	1118		
42	1170			92	1116		
43				93			
44	1168			94	1114		
45				95			
46	1166			96	1112		
47				97			
48	1164			98	1110		
249	1162			99			

COMMENTS

300

Clark

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 84 DATE 7-10-75
CLIENT USGS PROSPECT Clark Inlet
LINE NO. 754 DIR. OF SHOOTING W10W
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300	1108	M1	360'-	50			
01			At 11 is not bed cut	51	1052		
02	1106			52			LF 50733
03			Sit 29607	53	1050 M1		FF 50734 20:03:53
04	1104		CB 180° R	54			→ 320'-
05			CD 44 51 34 44354	55	1048		
06	1102		ML 32	56			
07	1100			57	1046		
08				58			
09	1098			59	1044		
10				60			
11	1096			61	1042		
12				62			
13	1094			63	1040		
14	1092			64			
15				65	1038		
16	1090			66			
17				67	1036		
18	1088			68			
19				69	1034		
20	1086		LF 50732	70			
21			FF 50733 T-19:56:21	71	1032		
22	1084			72			
23	1082			73	1030		
24				74			
25	1080	M2	342'-	75	1028 M2		302'-
26				76	1026		
27	1078			77			
28				78	1024		
29	1076			79			
30				80	1022		
31	1074			81			
32	1072			82	1020		
33				83	1018		
34	1070			84			LF 50734
35				85	1016 PE/M		FF 50735 T-20:11:11
36	1068			86			FF 50735 20:11:25
37				87	1014		
38	1066			88			
39	1064			89	1012		
40				90			
41	1062			91	1010		
42				92			
43	1060			93	1008		
44			1450 RPM	94	1006		
45	1058			95			
46				96	1004		
47	1056			97			
48				98	1002		
49	1054			99			

COMMENTS

Clark

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89 DATE 7-10-75
CLIENT 4565 PROSPECT Cook Inlet
LINE NO. 754 DIR. OF SHOOTING WAW
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
40	1000	M1	2801-	450	944	21	
01				51			
02	998			52	946		
03			SH 304 °T	53			
04	996		CB 171 °R	54	944		
05			CD 43 51 35 50 35 35	55	942		
06	994		MC 34	56			
07				57	940		
08	992			58			
09	990			59	938		
10				60			
11	988			61	936		
12				62			
13	986			63	934		
14				64			
15	984			65			
16			LF 50735	66	932		
17	982	NG	FF 50731 T-40:15	67			
18			FF 50736 T-20:18:40	68	930		
19	980			69			
20	978			70	928		
21				71			
22	976			72	926		
23				73			
24	974			74	924		
25		M2	2691-	475		M2	2451-
26	972			76	922		
27				77			
28	970			78	920		
29				79			
30	968			480	918		LF F-50737 T:20:31:45
31				81			FF F-50738
32	966			82	916		
33				83			
34	964			84	914		
35				85	912		
36	962			86			
37				87	9		
38	960			88	910		
39				89	908		
40	958			90			
41				91	906		
42	956			92			
43				93	904		
44	954			94			
45				495	902		
46	952			96			
47				97	900		
48	950		LF 50736	98			
49			20:25:16	99	898		

COMMENTS

"Dee"
CHP

Clark

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 754
REEL NO. _____

DATE 7-10-75
PROSPECT Cook Inlet
DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP NO	Code	REMARKS	FILE	SP NO	Code	REMARKS
500		M1	245-1-	550		M1	205-1-
01	896			51	846		
02				52			
03	894			53	844		
04			SH 3125 TB 1750R	54			
05	892		CB 45-49 40 47 35-37	55	842		
06			ED	56			
07	890		ML 32	57	840		
08			SL 13 SAC	58			
09	888			59	838		
10				560			
11				61	836		
12	886		LF F-50738 2035:14	62			
13			FF F-50739	63	834		
14	884			64			
15				65	832		
16	882			66			
17				67	830		
18	880			68			
19				69	828		
520	878			70			
21				71	826		
22	876			72			
23				73	824		
24	874			74			
525	872	M2	220-1-	575	822	M2	190-1-
26				76			LF F-50740 20:51:21
27	870			77	820		FF F-50741
28				78			
29	868			79	818		
30				580			
31	866			81	816		
32				82			
33	864			83	814		
34				84			
35	862			85	812		
36				86			
137	860			87	810		
38				88			
39	858			89	808		
540				90			
41	856			91	806		
42				92			
43	854			93	804		
44			LF F-50739 20:44:48	594			
45	852		FF F-50740	95	802		
46				96			
47	850			197	800		
48				98			
49	848			99	798		

COMMENTS

"Dee"
CH

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No. 89
CLIENT U.S.G.
LINE NO. 754
REEL NO. _____

DATE 07/10/75
PROSPECT COCK INLET
DIR. OF SHOOTING WAV
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
600		M1	170' -	650	744	M1	138' -
01	796		SH 308 TB 184	51			
02	794		CD 46 48 35 49 35 40	52	742		
03			MS 32	53			
04	792		S.L. 14 SEC	54	740		
05				55			
06	790		LF F-50741	56	738		
07				57			
08	788		LF F-50741 T:20:57:53	58	736		
09		NG		59			
10	786		FF F-50742	60	734		
11				61	732		
12	784			62			
13				63	730		
14	782			64			
15				65	728		
16	780			66			
17				67	726		
18	778			68			
19				69	724		
20	776			70			
21				71	722		
22	774			72			LF F-50743 T:21:10:30
23				73	720		FF F-50744
24	772			74			
625		M2	155' -	675	718	M2	135' -
26	770			76	716		
27				77			
28	768			78	714		
29				79			
30	766			80	712		
31				81			
32	764			82	710		
33				83			
34	762			84	708		
35	760			85			
36				86	706		
37	758			87			
38				88	704		
39	756			89			
40			LF F-50742 T:21:04:17	90	702		
41	754		FF F-50743	91			
42				92	700		
43	752			93			
44				94	698		
45	750			95			
46				96	696		
47	748			97	694		
48				98			
49	746			99	692		

COMMENTS

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89

DATE 07/10/75

CLIENT USG

PROSPECT COCK INLET

LINE NO. 754

DIR. OF SHOOTING WAW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
700		M1	125'-	750		M1	123'-
01	690			51	640		
02				52			
03	688			53	638		
04			LF 50744 T:21:16:19	54			
05	686	PE	FF - F-50745	55	636		
06			SH 308° TB 1790	56			
07	684		CD 45 49 35 45 34 38	57	634		
08			MS 32	58			
09			S. 1, 10 SEC	59	632		
10	682			60			
11				61	630		
12	680			62			
13				63	628		
14	678			64			
15				65	626		
16	676			66			
17				67	624		
18	674			68			LF F-50746 T:21:27:12
19				69	622		FF F-50747
20	672			70			
21				71	620		
22	670			72			
23				73	618		
24	668			74			
725		M2	125'-	775	616	M2	125'-
26	666			76			
27				77	614		
28	664			78			
29				79	612		
30	662			80			
31				81	610		
32	660			82			1400 RPM X2
33				83	608		
34	658			84			
35				85	606		
36	656		LF F-50745 T:21:21:45	86			
37			FF F-50746	87	604		
38	654			88			
39				89	602		
40	652			90			
41				91	600		
42	650			92			
43				93	598		
44	648			94			
45				95	596		
46	646			96			
47				97	594		
48	644			98			
49	642			99	592		

COMMENTS

"Dee"
CHS

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M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc)

RF=RADIO INTERFERENCE

K=KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 59 **DATE** 07/10/75
CLIENT LISG **PROSPECT** COOK INLET
LINE NO. 754 **DIR. OF SHOOTING** W/VW
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
800		M1	T LF 50747 - 120'	850	542	m#	Depth 115'
01	540		FF 50748 FF 21:32.49	51			
02				V52	540		
03	588		SH 299.07	53			
04			7B 185.0R	54	538		
05			4D 45.49 3246.3438	55			
06	586		ms 35	56	536		
07			SE 105ec	57			
08	584			58	534		
09				59			
10	582			60	532		
11				61			
12	580			62	530		
13				63			
V4	578			64	528		LF 50749
15				65			FF 21:44.22 FF 50750
16	576			66	526		
17				67			
18	574			68	524		
19				69			
20	572			70	522		
21				71			
22	570			V72	520		
23				73			
24	568			74	518		
825		m2	Depth 115 ft -	875		m2	Depth - 120 ft
26	566			76	516		
27				77			
28	564			78	514		
29				79			
30	562			80	512		
31				81			
V32	560		LF 50748	82	510		
33			T 21:38.31 FF 50749	83			
34	558			84	508		
35				85			
36	556			86	506		
37				87			
38	554			88	504		
39				89			
40	552			90	502		
41				91			
42	550			V92	500		
43				93			
44	548			94	498		
45				95			
46	546			96	496		LF 50750
47				97			FF 50751 21:50.24
48	544			98	494		
49				99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
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MS= MISFIRE
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K= KICKS ACROSS RECORD

P. K.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 81 DATE 7-10-75
CLIENT USGS PROSPECT South Flat
LINE No. 757 DIR. OF SHOOTING W/W
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	492	m	Depth 120' -	450		m	Depth 120' -
01			SH 244°T	51	440		
02	490		TR 134-2	52			
03			CD 4552 3476 3437	53	438		
04	488		h 27	54			
05			SK 1150C	55	436		
06	486			56			
07				57	434		
08	484			58			
09				59	432		
10	482			60			LF 50752
11				61	430		7750753 22:01:21
12	480			62			
13				63	428		
14	478			64			
15				65	426		
16	476			66			
17				67	424		
18	474			68			
19				69	422		
20	472			70			
21				71	420		
22	470			72			
23				73	418		
24	468			74			
25		m	120 ft -	75	416	m	122' -
26	466			76			
27				77	414		
28	464		LF 50751	78			
29			T 21:55.47 FF 50752	79	412		
30	462			80			
31				81	410		
32	460			82			
33				83	408		
34	458			84			
35	456			85	406		
36				86			
37	454			87	404		
38				88			
39	452			89	402		
40				90			
41	450			91	400		LF 50753
42				92			7750754 22:06:15
43	448			93	398	NG	22:07:14
44				94	396		
45	446			95	394		
46				96			
47	444			97	392		
48				98			
49	442			99	390		

COMMENTS

1. Start new sheet for each tape.
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3. Time will be noted at start, end & each half hour.
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6. Insert 100's Digit first and last file

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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89

DATE 7-10-75

CLIENT USGS

PROSPECT Cusk Inlet

LINE NO. 754

DIR. OF SHOOTING W/W

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
000		mt		050	370	mt	
01	384		SH 295° T 8 183° R	51			
02			CD 47.48 30 45.32 36	52	338		
03	386		MD	53			120'
04				54	336		
05	384		120'	55			
06			Fill time 2.4	56	334		
07	362			57			h 750755
08				58	332	16	22:18:22
09	380			59			22:18:30 77 50756
10				60	330		
11	378			61			
12				62	328		
13	376			63			
14				64	326		
15	374			65			
16				66	324		
17	372			67			
18				68	322		
19	370			69			
20				70	320		
21	368			71			
22				72	318		
23	366			73			
24				74	316		
025	364	mt	L 7 50754	075		mt	
26			120' 22:22:45 77 50755	76	314		
27	362			77			Preamp gains on 88+89 are
28				78	312		Back up to 29.
29	360			79			
30				80	310		
31	358			81			
32				82	308		
33	356			83			
34				84	306		
35				85			
036	354			86	304		
37				87			
38	352			88	302		
39				89			
40	350			90	300		L 7 50756
41				91			77 50757 22:24:00
42	348			92	298		
43				93			
44	346			94	296		
45				95			
46	344			96	294		
47				97			
48	342			98	292		
49				99			

COMMENTS

Paul W.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquadpulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 DATE 7-10-75
CLIENT USGS PROSPECT Cable Tether
LINE No. 754 DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	240	M-1	Fill time 2.8	150	240	M-1	115'
01			SH 2930T	51			
02	258		TR 1430R	52	238		
03			LD 48.53, 58, 50, 35, 40	53			
04	286		MD 38	54	256		L750758
05				55			7750757 22:34.54
06	287			56	234		
07				57			
08	282			58	232		
09				59			
10	280			60	230	✓	
11				61			
12	278			62	228		
13				63			
14	276			64	226		
15				65			
16	274			66	224		
17				67			
18	272			68	222		
19				69			
20	270			70	220		
21				71			
22	268		L750757	72	218		
23			7750758 22:29.26	73			
24	266			74	216		
25	M-2	120'		75	M-2		
26	264			76	214		
27				77			
28	262			78	212		
29				79			
30	260			80	210		
31				81			
32	258			82	208		
33				83			FOR 1st ENT
34	256			84	206		
35				85			
36	254	FOR 1st ENT		86	204		L750757
37				87			7750760 22:40:21
38	252			88	202		
39				89			
40	250			90	200		
41				91			
42	248			92	198		
43				93			
44	246			94	196		
45				95			
46	244			96	194		
47				97			
48	242			98	192		
49				99			

COMMENTS

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6. Insert 100's Digit first and last file

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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89 DATE 7-10-75
CLIENT USGS PROSPECT COG JAYET
LINE NO. 754 DIR. OF SHOOTING VNU
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200	190	M-1	115'	250			L7 5016A
01				51	140		7750763 22:50:46
02	188		SH 2987	52			
03			TP 100 R	53	138		
04	186		CD 4650 38 52 35, 39	54		M-1	113'
05			MD 37	55	136		
06	184			56			
07				57	134		
08	182			58			
09				59	132		
10	180			60			
11				61	130		
12	178			62			
13				63	128		
14	176			64			
15				65	126		
16	174			66			
17				67	124		
18	172		L7 50760	68			
19			7750761 22:45:40	69	122		
20	170			70			
21				71	120		
22	168			72			
23				73	118		
24	166			74			
25		M-2	112'	275	116	M-2	
26	164			76			
27				77	114		
28	162			78			
29				79	112		
30	160			80			
31				81	110		
32	158			82			L7 50762
33				83	108	NG	22:56:05
34	156			84			7750763 22:56:12
35				85	106		
36	154			86			
37				87	104		
38	152			88			
39				89	102		
40	150			90			
41				91	100		
42	148			92			
43				93	098		
44	146			94			
45				95	096		
46	144			96			
47				97	094		
48	142			98			
49				99	092		

COMMENTS

Paul W.

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**WESTERN
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MARINE SEISMIC
RECORDING LOG
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PARTY No 89 DATE 7-10-75
CLIENT USGS PROSPECT Cook Inlet
LINE No. 754 DIR. OF SHOOTING LAND
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		M-1	110' -	50		M-1	110' ✓ 77 50765 2306:39
01	090			51	040		
02			SH 2919	52			
03	088		TB 1890R	53	039		
04	086		CD 45, 50, 43, 43.5, 35	54			
05			MD	55	038		
06	084			56			
07				57	037		
08	082			58			
09				59	036		
10	080			60			
11				61	035		
12	078			62			
13				63	034		
14	076			64			
15			L7 8763	65	026		
16	074	N6	23:01:23	66			
17		N6		67			
18	072		77 50764 2301:42	68	024		
19	71			69			
20	070			70	022		
21	070			71			
22				72	020		
23	068			73			
24				74	018		
25	066	M-2	110' -	75		M-2	105' -
26				76	016		
27	064			77			
28				78	014		
29	062			79			
30				80	012		
31	060			81			L7 50765
32				82			77 50766 23:11:35
33	058			83	010		
34				84			
35	056			85	008		
36				86			
37	054			87	006		
38				88			
39	052			89	004		
40				90			
41	050			91	002		
42				92			
43	048			93	000		23:13:17 EOL 754
44				94			
45	046			95			
46				96			
47	044			97			
48				98			
49	042		L7 50764	99			

COMMENTS

HAVE 1393

NEED 1411

18 ✓

+31 dummies
-13 skips
+18 ✓

Paul W.

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FIELD REELS RECAP

SEO-83

CLIENT

WO 4062

DATE

7-31-75

SAMPLE RATE

4

RECORD LENGTH

6

USGS

CREW

1031-18

AREA

COOK INLET

LINE NUMBER

754

ANALYST

FRAIR.

FIELD REELS

EDIT REELS

DIGITAL RECORDS

SKIPS/REMARKS

F50723-F50725	30123	1-81	DEAD REC=48,
F50725	25158	82-96	
F50726-F50727	30123	97-134	
F50727-F50730	30893	135-251	
F50730-F50734	30953	252-367	DEAD REC=321,
F50734-F50738	27646	368-485	DEAD REC=385, 417,
F50738-F50738	27636	486-512	
F50739-F50742	03735	513-630	
F50742-F50746	02483	631-749	
F50746-F50750	18307	750-867	
F50750-F50753	14750	868-984	
F50753-F50754	02295	985-999	MISSING REC = 993,
		0001-025	0000
F50755-F50758	31270	026-142	MISSING REC=058,
F50758-F50762	03906	143-250	
F50762-F50766	27155	251-385	MISSING REC=283, 316, 317,
F50766	05883	386-393	

PRODUCTION PROCESSING REQUEST

SUBMITTED BY: COTRONE
 USER GROUP ID: 1050
 SEQ. NO: 1031-18
 LINE: 754
 CLIENT: USGS
 DATE: 7-26-75
 WORK ORDER NO: 4062
 EST. TIME:

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PROCESS
FIELD REEL	F50723	30123	UN
		30893	10
		30953	0%
6:20 JUL 27		27646	UNIP
RB/CH	50738	27636	
1310 STOP	50739	3735	
1410 START	50741	2483	
2010 STOP	50755	18307	
2208 START		14750	
July 27	F50766	2295	
		31270	
		3906	
		27155	
		5883	
		13442	ST
		27645	V
		26162	704 SECTION

MACHINE CODE

704

FORM 10 1520
REV. 8/74Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

PRODUCTION PROCESSING REQUEST

SUBMITTED BY: COTRONE
 USER GROUP ID: 1050
 SEQ. NO: 1031-18
 LINE: 754
 CLIENT: USGS
 DATE: 7-31-75
 WORK ORDER NO: 4062
 EST. TIME:

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PROCESS
FIELD REEL	F50725		UN
			10
			14
17:59 JUL 31			0%
38		25158	UNIP
18:02 JUL 31			
		26127	ST
			704 SECTION

MACHINE CODE

704

2MS
6 SEC
100 MAX.FORM 10 1520
REV. 8/74Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

DATE 07/13/75

CLIENT USGS

PROSPECT COCK INLET

LINE No 754

DIR. OF SHOOTING NAVL

REEL No F-5112

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	DA 124		TESTS	50		114	485
01	MAX	GAIN	1 LLV	51	2042		th
02	"	"	TERM	52	2040		
03	MIN	GAIN	-3 DB	53	2038		
04	"	"	-27 DB	54			
05	"	"	-51 DB	55	2036		
06	"	"	-75 DB	56			
07	"	"	-96 DB	57	2034		
08	"	"	TERM	58			
09	2036	A-10	DUMM FILE	59	2032		
10	2034	M-1	47	60			
11				61	2030		
12	2028		SH 238.7	62			
13	2040		TG 182.0 R	63			67 5113
14			CD 45.51 40.45, 30.37	64	2028		77 5114 T: 23:39.58
15	2088		MD 35	65			
16	2086			66	2036		
17	2084			67			
18				68	2034		
19	2082			69		PE	
20	2080			70		NG	
21	2078			71	2022		
22				72			
23	2076			73	2020		
24				74			
25	2074	M-2	470	75	2018	M-2	485
26	2072			76		NG	
27	2070			77	2016	PE	
28	2068			78			
29				79	2014		
30	2066			80		NG	
31				81	2012		
32	2064			82			
33	2062			83			
34			L7 5112	84	2010	NG	
35	2060	NG		85			
36			77 5113 23:33.49	86	2008		
37	2058			87			
38				88	2006		
39	2056			89		NG	
40	2054			90	2004	NG	
41				91			L7 5114
42	2052			92	2002		77 5115 23:45:11
43	2050			93			
44				94	2000		
45	2048			95			
46				96	1998		
47	2046			97			
48	2044			98	1996		
49				99			

COMMENTS

PREAMP GAINS ON CHAN 60-72
2. ALL OTHERS 2,
FATH SCALE 0-600 FT
FILL TIME 2.4 SEC
RECORD LENGTH 7.0 SEC.

Gp #5 is out.

Paul W.

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4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquadpulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**

(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

CLIENT USGS

LINE NO. 754

REEL NO. _____

DATE 07/13/75

PROSPECT COCKINLET

DIR. OF SHOOTING NW

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	1974	11-1	480'	150		44	7751117 T: 23:55:52
01				51	1946		
02	1972		SIT 28007	52			
03			76 1800R	53			
04	1970		CD 42, 51, 40, 45, 30, 39	54	1944		
05			Ap 40	55			
06	1988			56	1942		
07				57			
08	1986			58	1970		
09				59			
10	1984			60	1938		
11				61			
12	1982			62			
13				63	1936		
14	1980			64			
15				65	1934		
16	1998			66			
17				67	1932		
18	1976			68			
19			L 7 51115	69	1930		
20	1974			70			
21				71	1928		
22	1972		7751116 23:50:58	72			
23				73	1926		
24				74			
25	1970		470'	75	1924	11-2	440' M. Knight Tide
26		NG		76			
27	1968		60 K5 is turned on.	77			L 7 51117
28				78	1922		7 7 51118 00:00:01
29	1966			79			
30				80	1920		
31	1964			81			
32				82	1918		
33	1962			83			
34				84	1916		
35	1960			85			
36				86	1914		
37				87			
38	1958			88	1912		
39				89			
40	1956			90	1910		
41				91			
42	1954			92	1		
43				93	1908		
44	1952			94			
45				95	1906		
46				96	1904		
47	1950			97			
48				98	1902		
49	1948		L 7 51116	99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K=KICKS ACROSS RECORD

Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 07/13/75
CLIENT USGS PROSPECT COCK TOWER
LINE No. 154 DIR. OF SHOOTING UNW
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1900			50	1854	M-1	485'
01		M-1	485'	51			
02				52	1853		
03	1883		SH 232°T	53			
04			TB 186°R	54	1850		
05	1896		CD 42.50, 40.46, 30.42 L7 5119	55			
06			MC 751118.00:00:22	56	1845		
07	1894			57			
08				58	1840		
09	1882			59			
10				60	1844		
(11)	1890			61			L7 51120
12				62	1842		77 51121 T: 00:16:50
13	1888			63			
14				(64)	1840		
15	1896			65			
16				66	1833		
17	1894			67			
18				68			
19	1882			69	1836		
20				70			
(21)	1830			71	1834	FGVA	SIRI
22				72			
23	1878			73	1832		
24				74			
25		M-2	485'	75	1830	M-2	485'
26	1876			76			
27				(77)	1823		
28	1874			78			
29				79	1826		
30	1872			80			
31				81	1824		
32	1870			82			
33			L7 51119	83	1822		
34	1868		77 51120 00:11:36	84			
35				(85)	1820		
36	1866			86			
37				87	1818		
38				88			
39	1864			89	1816		L7 51121
40				90			77 51122 T: 00:22:05
41	1862			91			
42				92	1814		
43				93			
(44)	1860			94	1812		
45				95			
46	1858			96	1810		
47				97			
48	1856			98	1808		
49				99			

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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Type in remarks column (Ship, etc.)
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K= KICKS ACROSS RECORD

Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89 DATE 7-13-75
CLIENT USGS PROSPECT Cook Inlet
LINE NO. 754 DIR. OF SHOOTING WNW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1906	M-1	440'	50	1762		
01				51	1760	M-1	470'
02	1804		SH 280° T	52	1760		
03			TB 185° R	53			
04	1802		CD 45.80 40 46.30 42	54	1758	N.G.	
05			Mb 40	55	1756		
06	1800			56			
07				57	1754		
08				58			
09	1798			59	1752		
10				60			
11	1796			61	1750		
12				62	1748		
13	1794		L 751122	63			
14			77 51123 Ti 00:26.43	64	1746		L 751124
15				65			
16	1792			66	1744		77 51125
17				67	1742		51125
18	1790	N.G.		68	1740		
19				69			
20	1788			70	1738		
21				71			
22		EGV (END)		72	1736		
23	1786			73			
24				74	1734		
25	1784	M-1	445'	75		M-2	513'
26				76	1732		
27				77			
28	1732			78	1730		
29				79			SH 288° T
30	1730			80			TB 181° R
31				81	1728		
32	1728			82	1726		
33				83			
34				84	1724		
35	1726			85			
36				86	1722		
37	1724			87			
38				88	1720		
39	1722			89			
40				90	1718		
41			L 751123	91			
42	1720		77 51124 Ti 00:31.57	92	1716		
43				93			L 751125
44	1718			94	1714		77 51125 43.04
45				95		N.G.	
46	1716			96	1712		
47				97			
48	1714			98	1710		
49				99			

COMMENTS

1. Start new sheet for each tape.
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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89

CLIENT USGS

LINE No. 754

REEL No. _____

DATE 7-13-75

PROSPECT Cook Inlet

DIR. OF SHOOTING WNW

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
400	1768	m1	8/2	450	1758	m1	2251128 T 10:50-36
01				51			82
02	1768		9H 285	52	1758		287
03			113 1825R	53			18145
04	1768		CD 41 49 32 10	54	1754		
05			15 40	55			
06	1768			56	1752		
07				57			
08	1768			58			
09				59	1750		
10	1768			60			
11				61	1748		
12	1768			62			
13				63	1746		
14	1768			64			
15				65	1744		
16	1768			66	1742		
17				67	1740		
18	1768			68			
19				69	1738		
20	1768			70			
21			1734124	71	1736		
22	1768		1734127 T 00:18:50	72			
23				73	1734		
24	1768			74			
25			5H	75	1732	1-2	
26	1768			76			
27				77	1730		1734128
28	1768			78			1734129 T 12:22
29				79	1728		
30	1768			80			
31				81	1726		
32	1768			82			
33				83	1724		
34	1768			84			
35				85	1722		
36	1768			86	1720		
37				87			
38	1768			88	1718		
39				89			
40	1768			90	1716		
41				91			
42	1768			92	1714		
43				93			
44	1768			94	1712		
45				95			
46	1768			96	1710		
47				97			
48	1768			98	1708		
49			1734127	99			

COMMENTS *Ray*

1. Start newsheet for each tape.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89 **DATE** 7-10-58
CLIENT USGS **PROSPECT** CHIEF MOUNT
LINE NO. 754 **DIR. OF SHOOTING** LINE
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500	1500	1-1	51.81	550	1551	1-1	49.81
01			51.88	51	1551		
02	1501		75.82	52			51.25.87
03			65.48 55.42.48 32.48	53	1552		75.18.40
04	1502		1-1	54			
05			17.51.09	55	1552		
06	1503		22.51.30 17.00	56			
07	1504	1-1		57	1553		
08				58			
09	1505			59	1554		
10				60			
11	1506			61	1555		22.51.31
12				62			22.54.32 T 1.17.40
13	1507			63	1556		
14				64			
15	1508			65	1557		
16				66			
17	1509			67	1558		
18				68			
19	1510			69	1559		
20				70			
21	1511			71	1560		
22				72			
23	1512			73	1561		
24				74			
25	1513	1-1	52.2	75	1562	1-1	49.81
26				76			
27	1514			77	1563		
28				78			
29	1515			79	1564		
30				80			
31	1516			81	1565		
32				82			
33	1517		17.51.20	83	1566		
34			22.51.31 T 1.17.54	84			
35	1518			85	1567		
36				86			
37	1519			87	1568		
38				88			
39	1520			89	1569		62.51.32
40				90			22.51.33 T 1.23.40
41	1521			91	1570		
42				92			
43	1522			93	1571		
44				94			
45	1523			95	1572		
46				96			
47	1524			97	1573		
48				98			
49	1525			99	1574		

COMMENTS 654

1. Start new sheet for each tape.
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6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT 100-100
LINE NO. 200 DIR. OF SHOOTING 200
REEL NO. 1 TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			480	50			475
01	1504			51	1504		
02			12 23.35	52			12 23.35
03	1502		TR 10.12	53	1502		415 10.12
04			10 45 50 40 45 21 40	54			
05	1507		10 47	55	1507		
06			10 15 50 42	56			
07	1478			57	1478		
08				58			
09	1476			59	1476		
10				60			
11	1474			61	1474		
12				62			
13	1472			63	1472		
14				64			
15	1470			65	1470		
16				66	1470		
17	1468		12 51137	67			
18			12 51137 1.29.13	68			
19	1466			69			
20				70	1466		
21	1464			71			
22				72	1464		
23	1462			73			12 51135
24				74	1462		12 51135 T 1.29.41
25	1460	412	475	75		m2	40
26				76	1460		
27	1458			77			
28				78	1458		
29	1456			79			
30				80	1456		
31	1454			81			
32				82	1454		
33	1452			83			
34				84	1452		
35	1450			85			
36				86	1450		
37	1448			87			
38				88	1448		
39	1446			89			
40				90	1446		
41	1444			91			
42				92	1444		
43	1442			93			
44				94	1442		12 51136 T 1.29.33
45	1440		12 51136	95			
46			12 51136 T 1.29.52	96			
47	1438			97			
48				98			
49	1436			99			

COMMENTS

2014 694 -245
-1909 -7 +24 D's
685-NEED 685-HAVE 0

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CREW		AREA	LINE NUMBER	SAMPLE RATE	RECORD LENGTH	ANALYST
1031-18			754	4	7	FRIAR
FIELD REELS	EDIT REELS	DIGITAL RECORDS	SKIPS/REMARKS			
F51112-51116	20111	1-9	4 SEC REC.			
		10-123	DEAD REC=21, ✓			
			MISSING REC=35,			
			REC=43 HAS 3.2 SEC REC.			
			REC=6.6 HAS 3.3 SEC DATA			
		REC 90 HAS 3.4 SEC DATA	DEAD REC=69, 70, 84, 89, 100,			
			MISSING REC=120, 121,			
F51116-51117	31958	124-173	DEAD REC=147, 160, 164,			
F51117-51122	17182	174-295	DEAD REC=266,			
F51122-51126	24903	296-418	DEAD REC=297, 299, 308, 310,			
			313, 327, 339, 353,			
			MISSING REC=354, 365,			
			DEAD REC=395, 407,			
F51126-51131	32393	419-540	DEAD REC=527,			
F51131-51135	32419	541-662				
F51135-51136	32413	663-694				

PRODUCTION PROCESSING REQUEST			
SUBMITTED BY:	DATE:	REQ. NO.:	EST. TIME:
COTRINE	10/31/18		
754	USGS	7-26-75	
4070			
TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PRO-CESS
	F51112	20111	U/P
		31958	10
		17182	070
		24903	
		32419	
		32413	
	F51126		U/P
		20082	ST
		2478	NOT SECTION

IP AT 1600 BPI

566 JUL 27

18 JUL 26

5m

2PM, 10 1520

Petty-Ray Geophysical, Inc.

A Subsidiary of Geospace International Incorporated

MACHINE CODE

704

COMMENTS

4

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No

89

DATE

1/11/75

CLIENT

USGS

PROSPECT

C-11-1-1

LINE NO.

755

DIR. OF SHOOTING

ESE

REEL NO.

F57-7

TAPE DECK

☐ Upper ☐ Lower☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
00				50			
01	000	101	212.37 132' 0"	51	012		212.1' 50" 132' 0"
02				52			
03			212.37	53	011		
04	002		212.37	54			
05			212.37 34 45 30 30	55	016		
06	004		212.37	56			
07			212.37 15 30 12	57	014		
08				58			
09	006			59	012		
10			INTERNAL	60			
11			TIME	61	052		
12	008			62			
13				63	054		
14	010			64			1750767 T 2125.61
15				65	056		7250767
16				66			
17	012			67	058		
18				68			
19				69	060		
20	014			70			
21				71	062		
22	016			72			
23				73	064		
24				74			
25	018	102	212.37 135' 0"	75	066	102	212.37 135' 0"
26				76			
27	020			77	068		
28				78			
29				79	070		
30	022			80			
31				81	072		
32	024		1750767 T 2125.61	82			
33			7250767	83	074		
34	026		711 T 2125.61	84	076		
35				85			
36	028			86			
37				87	078		
38	030			88	080		
39				89			
40	032			90	082		
41				91			
42	034			92	084		
43				93			
44				94	086		
45	036			95			
46				96	088		1750767 T 2125.61
47	038			97			7250767
48				98	090		
49	040			99			

COMMENTS

Fill time - 2.4
Record length - 6.0 sec.
Fatho - scale - 0-600 f

Preamp gains 2⁶ on Grps. 60-72.
All others 2⁷.

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

**MARINE SEISMIC
RECORDING LOG**
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PARTY NO. 89
CLIENT USGS
LINE NO. 755

DATE 7/11/75
PROSPECT COOK INLET
DIR. OF SHOOTING ESE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	92	100	2:37:55 1501	150	152	150	2:44:08 1501
01				51			
02	94		3/1 1275	52	144		
03			78 111.5K	53	146		
04	96		12:45:46 12453130	54			
05			11 902	55	148		
06	98		1712 155012	56			
07				57	150		
08	100			58			
09				59	152		
10	102			60			2750771 T2:46:27
11				61	154		2150174
12	104			62			
13				63	156		
14	106			64			
15				65	158		
16	108			66			
17				67	160		
18	110			68			
19				69	162		
20	112			70			
21				71	164		
22	114			72			
23				73	166		
24	116			74			
25	118		12:39:37 1551	75	168		1.2 T2:49:43 1681
26				76			
27				77	170		
28	120		1750770 T2:50:25	78			
29			2750771	79	172		
30	122			80	174		
31				81			
32	124			82	176		
33				83			
34	126			84	178		
35				85			
36	128			86	180		
37				87			
38	130			88	182		
39				89			
40	132			90	184		
41				91			
42	134			92	186		2750772 T2:50:36
43				93	188		2750773
44	136			94			
45				95	190		
46	138			96			
47				97	192		
48	140			98			
49				99	194		

COMMENTS

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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PARTY No 89 DATE 7-11-75
CLIENT 1165 PROSPECT W. H. H. T.
LINE No. 255 DIR. OF SHOOTING 130
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200				50			
01	196		T 255.42 175'	51	248		
02			11-136° E	52			
03	198		17-140° R	53	250		
04			10 43 44 50 35 30	54			
05	200		14 30	55	252		
06			17-1550 42	56			
07	202			57	254		17 50 775 T 2:07:17
08	204			58			3:07:18
09				59			77 50 776
10	206			60	256		
11				61			
12	208			62	258		
13				63			
14	210			64	260		
15				65			
16	212			66	262		
17				67			
18	214			68	264		
19				69			
20	216			70	266		
21				71			
22	218			72			
23				73			
24	220		17 50 773 3:00:27 170'	74	270		
25			T 3:06:33 17 50 775	75	272		17 50 775 T 3:10:17 175'
26	222			76			
27				77	274		
28	224			78			
29				79	276		
30	226			80			
31				81	278		
32	228			82			
33				83	280		
34	230			84			
35				85	282		
36	232			86			
37				87	284		
38	234			88			
39				89	286		
40	236			90			T 3:13:20 17 50 776
41				91	288		27 50 778
42	238			92			
43				93	290		
44	240			94			
45	242			95	292		
46				96			
47	244			97	294		
48				98			
49	246			99	296		

COMMENTS

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D = DUMMY FILE
M = MONITOR
NG = BAD FILE, DELETE
PE = MORE THAN 4 PARITY ERRORS
NTB = NO TIMEBREAK

MS = MISFIRE
N = NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF = RADIO INTERFERENCE
K = KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-11-75
CLIENT WGS PROSPECT 256112T
LINE NO. 755 DIR. OF SHOOTING SE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
300		1	175' -	350		1	198' -
01	298			51	348		
02			3.1 129°T	52			
03	300		13 178°R	53	350		LF 50775
04			40 405040 503430	54			3:25:14 FF 50779
05	302		12 39	55	352		
06			12	56			
07	304			57	354		
08				58			
09	306			59	356		
10				60			
11	308			61	358		
12				62			
13	310			63	360		
14				64			
15	312			65	362		
16				66			
17	314			67	364		
18				68			
19	316			69	366		
20				70			
21	318			71	368		
22			LF 50777	72			
23	320		3:11:27 FF 50778	73	370		
24				74			
325	322	12	180' -	375	372	12	195' -
26				76			
27	324			77	374		
28				78			
29	326			79	376		
30				80			
31	328			81	378		
32				82			
33	330			83	380		
34				84			
35	332			85	382		LF 50779
36				86			3:31:13 FF 50780
37	334			87	384		
38				88			
39	336			89	386		
40				90			
41	338			91	388		
42				92			
43	340			93	390		
44				94			
45	342			95	392		
46				96			
47	344			97	394		
48				98			
49	346			99	396		

COMMENTS

ERIC
TAIL BUOY TRANSPONDER
NOT WORKING
NO RADAR CONTACT

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7/11/75

CLIENT USCS

PROSPECT LOOKING ET

LINE No. 733

DIR. OF SHOOTING FSF

REEL No. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		NG		450		171	260 -
01	398			51	448		LF 50781
02			SH 1340T	52			3:43:35 FF 50782
03	400		OP 46, 48, 40, 50, 35, 35	53	450		
04			MD 37	54			
05	402			55	452		
06				56			
07	404			57	454		
08				58			
09	406			59	456		FGUA GIRT
10				60			
11	408			61	458		
12				62			
13	410			63	460		
14				64			
15	412			65	462		
16				66	464		
17	414			67			
18				68	466		
19	416		LF 50780	69			
20			3:37:34 FF 50781	70	468		
21	418			71			
22				72	470		
23	420			73			
24				74	472		
✓ 25	422 M2		245' -	✓ 75	M2		232' -
26				76	474		
27	424			77			
28				78	476		
29	426			79			
30				80	478		
31	428			81			
32				82	480		
33	430			83			LF 50782
34				84	482		3:49:32 FF 50783
35	432		TB 1820R	85	484		
36				86			
37				87	486		
38	434			88			
39				89	488		
40	436			90			
41				91	490		
42	438			92			
43				93	492		
✓ 44	440			94			
45				95	494		
46	442			96			
47	444			97	496		
48				98			
49	446			99	498		

COMMENTS

ERIC

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

CLIENT USGS

LINE NO. 755

REEL NO. _____

DATE 7/11/75

PROSPECT COOKINLET

DIR. OF SHOOTING ESR

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500		M1	320 -	550	548	M1	362 -
01	500		SH 133° T	51			
02			TR 195° R	52	550		
03	502		CD 145.50 HI 503530	53			
04		FGVA EXPT 11 40		54	552		
05	504			55			
06				56	554		
07	506			57			
08				58	556		
09	508			59			
10				60	558		
11	510			61			
12				62	560		
13	512		LF 50783	63			
14			3:55:17 FF 50784	64	562		
15	514			65			
16				66	564		
17	516			67			
18				68	566		
19	518			69			
20				70	568		
21	520			71			
22				72			
23	522			73	570		
24				74			
25	524	M2	340 -	75	572	M2	390 -
26				76			
27	526			77	574		LF 50785
28				78			4:07:01 FF 50786
29	528			79	576		
30				80			
31	530			81	578		
32				82			
33	532			83	580		
34				84			
35	534			85	582		
36				86			
37	536			87	584		
38				88			
39				89	586		
40	538			90			
41				91	588		
42	540			92			
43				93	590		
44	542		LF 50784	94			
45			4:00:59 FF	95	592		
46	544		4:01:11 FF 50785	96			
47				97	594		
48	546			98			
49				99	596		

COMMENTS

ERIC

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3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7/11/75
CLIENT USCIS PROSPECT OFFSHORE
LINE NO. 755 DIR. OF SHOOTING ESC
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
000		171	440' -	650		171	440' -
01	514			51	514		
02			30 127°T	52			
03	600		51 185°T	53	650		
04			10 45 45 32 45 32 30	54			
05	602		14 36	55	652		
06			14 36	56	654		
07	604			57			
08				58	656		
09	606		17 50 786	59			
10			4 13 05 77 50 787	60	658		
11	608			61			
12				62	660		
13	610			63			
14				64	662		
15	612			65			
16				66	664		
17	614			67			
18				68	666		
19	616			69			
20				70	668		
21	618			71			
22	620			72	670		
23				73			
24				74	672		17 50 780
25	622	172	425' -	75	674	172	74 25 12 77 50 789
26				76	676		460' -
27	624			77			
28				78	678		
29	626			79			
30				80	680		
31	628			81			
32				82	682		
33	630			83			
34				84	684		
35	632			85			
36				86	686		
37	634			87			
38				88	688		
39	636			89			
40				90	690		
41	638		17 50 787	91			
42			14 17 06 77 50 788	92	692		
43	640			93			
44				94	694		
45	642			95			
46				96	696		
47	644			97	698		FGVA STRT
48				98			
49	646			99			

COMMENTS

1. Start newsheet for each tape.
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3. Time will be noted at start and at each half hour.
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Type in remarks column (Ship, etc.)
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RJL
Ray

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 **DATE** 7-11-75
CLIENT WKS **PROSPECT** LOOK HUNT
LINE NO. 755 **DIR. OF SHOOTING** SEA
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
700		M-1	T 4.30.29 490'	50		M-1	540'
01	700			51	724		
02	702		41-129° T	52	726		
03			75-185° R	53			
04	704		CD-	54	758		
05			LF-50789	55			
06	706		FF-50780 T 04.31.26	56	760		
07				57			
08	708		CD-45.50.42 44.31.39	58	762		
09			MS-36	59			
10	710			60	764		
11	712			61			
12				62	766		
13	714			63			
14				64	768		
15	716			65			
16				66	780		
17	718			67			
18				68	772		
19	720			69			LF-50791
20				70	774		FF-50792 T-04.49.04
21	722			71			
22	724			72	776		
23				73			
24	726			74	778		
25		M-2	536'	75		M-2	540'
26	728			76	780		
27				77	782		
28	730			78			
29				79	784		
30	732			80			
31				81			
32	734			82	786		
33				83			
34	736			84	788		
35				85			
36	737			86	790		
37	740		LF-50790	87			
38			FF-50791 T 4.31.58	88	792		
39	742			89			
40			FGVA END	90	794		
41	744			91			
42				92	796		
43	746			93			
44				94	798		
45	748			95			
46				96	800		
47	750			97			
48				98	802		
49	752			99			

COMMENTS

RJL

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 84

CLIENT USGS

LINE No. 725

REEL No

DATE 7-11-75

PROSPECT Cocks Inlet

DIR. OF SHOOTING ESF

TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	804	M-1	545' -	50		M-1	
01			LF-50792	51	852		
02	806		FF-50793 T-4:49:47	52			
03				53			
04	808		SH-1250 T	54	854		
05			TB-1850 R	55			
06	810		CD-40,48,33,45,32,39	56	856		
07			MS-38	57			
08	812			58	858		
09				59			
10	814			60	860		
11				61			
12				62	862		
13	816			63			
14				64	864		
15	818			65			LF-50794
16				66			FF-50795 T-05:00:10
17	820			67	866		
18				68			
19	822			69	868		
20				70			
21	824			71	870		
22				72			
23	826			73	872		
24				74			
25	828	M-2	540' -	75	874	M-2	545' -
26				76			
27	830			77	876	FGJA STRT	
28				78			
29				79	878		
30	832			80			
31				81	880		
32	834			82			
33			LF-50793	83	882		
34	836		FF-50794 T-04:55:28	84			
35				85	884		
36	838			86			
37				87			
38	840			88	886		
39				89			
40	842			90	888		
41				91			
42	844			92	890		
43				93			
44				94	892		
45	846			95			
46				96	894		
47	848			97			LF-50795
48				98	896		FF-50796 T-05:07:03
49	850			99			

COMMENTS

RSL

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USCIS
LINE No. 755
REEL No. _____

DATE 7-11-75
PROSPECT Cook Inlet
DIR. OF SHOOTING ESE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
900	888	M-1	550'	950			546'
01				51	946		
02	900		SH-126°T	52			
03	902		TB-155°R	53	948		
04			CD-49,50,40,50,34,39	54			
05	902		MS-42	55	950		
06				56			
07	904			57	952		
08				58			
09	906			59			
10				60	954		
11	908			61			LF-50797
12				62	956		FF-50798 T-05:19:36
13	910			63			
14				64	958		
15	912			65			
16				66	960		
17	914			67			
18				68	962		
19				69			
20	916			70	964		
21				71			
22	918			72	966		
23				73			
24	920			74	968		
25		M-2	540'	75		M-2	540'
26	922			76	970		
27		FGI - FSD		77			
28	924			78	972		
29			LF-50796	79			
30	926		FF-50797 T-05:13:14	80	974		
31				81			
32	928			82	976		
33				83			
34				84	978		
35	930			85			
36				86	980		
37	932			87			
38				88	982		
39	934			89			
40			Occasional bird noise	90			
41	936			91	984		
42				92			
43	938			93	986		LF-50798
44				94			FF-50799 T-05:25:13
45	940			95	988		
46				96			
47	942			97	990		
48				98			
49	944			99	992		

COMMENTS

MSL

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5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 84
CLIENT USGS
LINE No. 755
REEL No.

DATE 7-11-75
PROSPECT Cack-Jalot
DIR. OF SHOOTING ESE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No	Code	REMARKS	FILE	SP. No	Code	REMARKS
1000		M-1	535'-	1050	1042	11-1	530'-
01	994			51			
02			SH-12407	52			
03	996		TB-1850R	53	1044		
04			CD 47.49, 41, 50, 35, 38	54			
05	998		MP 72	55	1046		
06				56			
07				57	1048		L7 50800
08	1000			58			77 50801 S:39:52
09				59	1050		
10	1002			60			
11				61	1052		
12	1004			62			
13				63	1054		
14	1006			64			
15				65	1056		
16	1008			66			
17				67	1058		
18	1010			68			
19				69	1060		
20	1012			70			
21				71	1062		
22	1014			72			
23				73	1064		
24	1016			74			
25		M-2	530'- L7 50799	75	1066	M-2	535'- Multi-play
26	1018		532.5977 50800	76			Card not ch. 6/64/77
27				77	1068		
28	1020			78			
29				79	1070		
30	1022		Grp. 72 shut off	80			
31			Grp 72 back on	81	1072		
32	1024			82			
33				83	1074		
34	1026			84			
35				85	1076		
36	1028			86			
37				87	1078		
38	1030			88			
39				89	1080		L7 50801
40	1032			90		N/G	OS: 4702
41				91	1082	N/G	OS: 4709
42	1034			92			77 50802 OS: 4712
43				93	1084		
44	1036			94			
45				95	1086		
46	1038			96			
47				97	1088		
48	1040			98	1090		
049				1099			

COMMENTS

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4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
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D=DUMMY FILE
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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 755
REEL NO. _____

DATE 7-11-75
PROSPECT COOK TURTLE
DIR. OF SHOOTING ENE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
1100	1092	111		150	1140	111	535' -
01			SH 1250 T	51			
02	1094		TR 18508	52	1142		
03	1094		CD 475040, 5235139	53			
04	1094		MD 45	54	1144		L7 50803
05				55			7750804 1:01:01
06				56	1146		
07	1096			57			
08				58	1148		
09	1098			59			
10				60	1150		
11	1100			61			
12				62	1152		
13	1102			63			
14				64	1154		
15	1104			65			
16				66	1156		
17	1106			67			
18				68	1158		
19	1108			69			
20				70	1160		
21	1110			71			
22	1112		L7 50802	72	1162		
23			7750803 05:54:05	73			
24	1114			74	1164		
25	1116		530' -	75	1166		535' -
26	1118			76	1168		
27				77			
28	1120			78	1170		
29				79			
30	1122			80	1172		
31				81			
32	1124			82	1174		
33				83			
34	1126			84	1176		
35				85			
36	1128			86	1178		L7 50804
37				87			7750805 7:06:07:52
38	1130			88	1180		
39				89			
40	1132			90	1182		
41				91			
42	1134			92	1184		
43				93			
44	1136			94	1186		
45				95			
46	1138			96	1188		
47				97			
48	1140			98			
49				99			

COMMENTS

Paul W

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, and at each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 09
CLIENT USGS
LINE NO. 755
REEL NO. _____

DATE 7-11-75
PROSPECT COOK INLET
DIR. OF SHOOTING ESS
TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1200	1190	M-1	5321-	1250	1240	M-1	540- L7 50806
01				51			Ti 0621541 77 50807
02	1192		4545, 38, 50, 35, 40	52	1242		
03			TB 1242	53			
04	1194		ST 1220T	54	1244		
05			MD41	55			
06	1196			56	1246		
07				57			
08	1198			58	1248		
09				59			
10	1200			60	1250		
11				61			
12	1202			62	1252		
13				63			FG + END
14	1204			64	1254		
15				65			
16	1206		FGU + STP	66	1256		
17				67			
18	1208		L7 50805	68	1258		
19			77 50806 114.47	69			
20	1210			70	1260		
21				71			
22	1212			72	1262		
23				73			
24	1214			74	1264		
25		M-2	540-	75		M-2	
26	1216			76	1266		
27				77			
28	1218			78	1268		
29				79			
30	1220			80	1270		
31				81			
32	1222			82	1272		L7 50807
33				83			77 50808 Ti 0628135
34	1224			84	1274		
35				85			
36	1226			86	1276		
37				87			
38	1228			88	1278		
39				89			
40	1230			90	1280		
41				91			
42	1232			92	1282		
43				93			
44	1234			94	1284		
45				95			
46	1236			96	1286		
47				97			
48	1238			98	1288		
49				99			

COMMENTS

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

CLIENT USGS

LINE NO. 155

REEL NO. _____

DATE 7-11-75

PROSPECT CHICK INLET

DIR. OF SHOOTING ESE

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1300	129			150	131		
01		11-1	5351-	51	1340		
02	1297			52			
03			544 127	53	1342		
04	1294		TS 154	54			
05			(D) 45 50 42 52 30 41	55	1344		
06	1296		12 42	56			
07				57	134		
08	1298			58			
09				59	1348		
10	1300			60			
11				61	1352		
12	1302			62			
13				63	1352		
14	1304		62 50X08	64			
15			T 6:55:14 7750X09	65			
16	1306			66	1354		
17				67			
18				68	1356		
19	1308			69			
20				70	1358		
21	1310			71			
22				72	1360		
23	1312			73			
24				74	1362		
25	1314	102	525-	75	1362	102	6471
26				76	1364	N.L.	
27	1316			77			1750NE
28				78	1366		775081- T 6:48:22
29	1318			79			
30				80	1368		
31	1320			81			
32				82	1370		
33	1322			83			
34				84	1372		
35	1324			85			
36				86	1374		
37	1326			87			
38				88			
39	1328			89	1376		
40				90			
41	1330			91	1378		
42				92			
43	1332			93	1380		
44				94			
45	1334			95	1382		
46			2750X09 5	96			
47	1336		775081- T 6:41:42	97	1384		
48				98			
49	1338			99	1386		

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT LAGS PROSPECT COCC INLET
LINE NO. 755 DIR. OF SHOOTING 250
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1200		M1	550-1-	50		M1	550-1-
01	1388			51	1440		
02	1390		54.127 T	52			
03			75.147 R	53	1442		
04			12.40	54			
05	1392		62.45 41.42 52.55 40	55	1444		
06			142 1575 12	56			
07	1394			57	1446	M1	
08			12.430 11	58			
09	1396		77.758 12 T6.55.10	59	1448		
10				60			
11	1398			61	1450		
12	1400			62			
13				63	1452		
14	1402			64			
15				65	1454		
16	1404			66			
17				67	1456		
18	1406			68			
19				69	1458		
20	1408			70			
21				71	1460		
22	1410			72			
23				73	1462		
24	1412			74			1250813
25		M2	550-	75	1464 M2		77.9122 77.5014
26	1414			76			12.12
27				77	1466		
28	1416			78			
29	1418			79	1468		
30				80	1470		
31	1420			81			
32				82	1472		
33	1422			83			
34				84	1474		
35	1424			85			
36				86	1476		
37	1426			87			
38				88	1478		
39	1428			89			
40	1430			90	1480		
41			1250812	91			
42		N1	177.50813 T7:02.25	92	1482		
43	1432		2.38	93			
44				94	1484		
45	1434			95			
46				96	1486		
47	1436			97	1488		
48				98			
49	1438			99	1490		

COMMENTS

1. Start newsheet for each tape.
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3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
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6. Insert 100's Digit first and last file

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WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-11-75

CLIENT U.S. NAVY

PROSPECT 1000 HLM7

LINE NO. 755

DIR. OF SHOOTING 155E

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500		M	50.5	50		M	
01	1477			51	1522		
02			128.5	52			
03	1474		15.18.18	53	1544		
04			CD 45 48 42 54 37 40	54			
05	1496		12.42	55	1546		
06			17.50.814	56			
07	1498		77.50.815 T 7.16.14	57	1554		
08				58			
09	1520			59	1556		17.50.816 7.22.04
10				60			ELL 1565-755
11	1522			61			155.8
12				62			
13	1524			63			
14				64			
15	1526			65			
16				66			
17	1528			67			
18				68			
19	1530			69			
20				70			
21	1532			71			
22				72			
23	1534			73			
24				74			
25	1536	M	50.6	75			
26				76			
27	1538			77			
28	1540			78			
29				79			
30	✓			80			
31	1542			81			
32	1544			82			
33				83			
34	1546			84			
35				85			
36	1548			86			
37				87			
38			17.50.815	88			
39	1550	M	77.50.816 T 7.22.04	89			
40			7.22.18	90			
41	1552			91			
42				92			
43	1554			93			
44				94			
45	1556			95			
46				96			
47	1558			97			
48				98			
49	1560			99			

COMMENTS

Have → 1559

Need → 1551

-8 ✓

- 33

+ 25

-8 ✓

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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6. Insert 100's Digit first and last file

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PRODUCTION PROCESSING REQUEST		
SUBMITTED BY:	USER GROUP ID:	SEQ. NO:
COTRONE	105D	
LINE:	1031-78	
CLIENT:	DATE:	
755	USGS	8-5-75
WORK ORDER NO:	EST. TIME:	
148-154	4063	

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PRO- CESS
FIELD REEL	50803	6259	VN
		23555	10
			7
			090
15 ²⁷ AUG 5 N			
15 ³⁵ AUG 5 N			UNIP
17 ³⁵ AUG 5 N			
B6			
18 ²⁶ AUG 5 N		3456	ST
		33656	
			↓
			704
			SECTION

704

FORM 10 1020
REV. 9/74

Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

PRODUCTION PROCESSING REQUEST		
SUBMITTED BY:	USER GROUP ID:	REQ. NO:
COTRONE	1050 163178	
LINE:	CLIENT:	DATE:
755	USGS	8-4-75
	WORK ORDER NO:	EST. TIME:
	4063	

[illegible]

USE MPX 100
DECK

704

FORM 10-1520
REV. 8/74

Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT Cook Inlet
DIR. OF SHOOTING NE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			FF CN F 51155	50		M1	
01	560A	M1	T 7:01:58	51	614		
02				52			
03	562		SH 028°T	53	616		
04	564		TR 180°R	54			
05			CD 37 52.36 44.30.35	55	618		
06	566		MD 36	56			LF 51156
07			RPM 1525PR	57	620		7:14:08 FF 51157
08	568			58			
09				59	622		
10	570			60			
11				61	624		
12	572			62			
13				63	626		
14	574			64			
15				65	628		
16	576			66	630		
17				67			
18	578			68	632		
19	580			69			
20				70	634		
21	582			71			
22				72	636		
23	584			73			
24				74	638		
25	586	M2		75		M2	
26				76	640		
27	588			77			
28			LF 51155	78	642		
29	590		7:08:07 FF 51156	79			
30				80	644		
31	592			81			
32				82	646		
33	594			83			
34	596			84	648		LF 51157
35	598			85			7:20:18
36				86	650		FF 51158
37	600			87			
38				88	652		
39	602			89			
40				90	654		
41	604			91			
42				92			
43	606			93	656		
44				94			
45	608			95	658		
46				96			
47	610			97	660		
48				98	662		
49	612			99			

COMMENTS FILE TIME 2.4 SEC
RECORD LENGTH 7.0 SEC
FATHO SCALE 0-600 FT.
PREAMP GAIN IS 2⁶ ON GRPS
60-72. ALL OTHER 2⁷.

ERIC
ANOTHER SEIS BOAT WORKING
IN AREA,
Fathometer will not record in Fathoms,
using Ft. scale.

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USG 5
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT Cook Inlet
DIR. OF SHOOTING N/E
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No.	Code	REMARKS	FILE	SP. No.	Code	REMARKS
00	664	M1		50	704		
01			SH 026 °T	51		M1	
02			TR 181 °R	52			
03	666		CP 41 54 40 HS 30 33	53	706		
04			MO 36	54			
05				55	708		
06	668			56			
07				57	710		
08	670			58			
09				59			
10				60	712		
11	672			61			
12				62	714		
13	674		LF 51158	63			
14			7:25:30 FF 51159	64			
15	676			65	716		
16				66			
17				67	718		
18	678			68			
19				69			LF 51160
20	680			70	720		7:35:04 FF 51161
21				71			
22				72	722		
23	682			73			
24				74			
25	684	M2		75	724	M2	
26				76			
27				77	726		
28	686			78			
29				79			
30	688			80	728		
31				81			
32				82			
33	690			83	730		
34				84			
35	692			85			
36				86	732		
37	694			87			
38				88	734		
39				89			
40	696			90	736		
41				91			
42			LF 51159 7:30:17	92			
43	698		FF 51160	93	738		
44				94			
45	700			95			
46				96	740		
47	702			97			LF 51161
48				98	742		7:39:51 FF 51162
49				99			

COMMENTS

ERIC

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7/14/75
PROSPECT CORINLET
DIR. OF SHOOTING NINE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No	Code	REMARKS	FILE	SP. No	Code	REMARKS
200	744			250	MI		
01			SH 029 CT	51			
02			TB 183 CP	52	784		
03	746		4040 51 35 42 31 35	53			LF 51163
04			MO 36	54	786		7:49:29 FF 51164
05				55			
06	748			56	788		
07				57			
08	750			58			
09				59	790		
10				60			
11	752			61	792		
12				62			
13	754			63			
14				64	794		
15				65			
16	756			66	796		
17				67			
18				68	798		
19	758			69			
20				70	800		
21	760			71			
22				72	802		
23			4 GUNS	73			
24	762			74			
25			LF 51162	75	804	M2	
26			7:44:37 FF 51163	76			
27	764			77	806		
28				78			
29	766			79	808		
30				80			
31	768			81	810		LF 51164
32				82			7:54:36 FF 51163
33				83	812		
34	770			84			
35				85			
36	772			86	814		
37				87			
38				88	816		
39	774			89			
40				90	818		
41	776			91			
42				92	820		
43				93			
44	778			94	822		
45				95			
46				96			
47	780			97	824		
48				98			
49	782			99	826		

COMMENTS

ERIC

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7/14/75
CLIENT USGS PROSPECT COCKINLET
LINE No. 756 DIR. OF SHOOTING NAIK
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300		M1		500		M1	
01			SH 0270T	51			
02	828		TB 186°R	52	872		
03			UD	53			
04	830		MD	54	874		
05				55			
06	832			56	876		
07				57			
08	834			58	878		
09			LF 51165	59			
10			7:59:44 FF 51165	60			
11	836			61	880		
12				62			
13	838			63	882		
14				64			
15	840			65	884		LF 51168
16				66			77:51:16.9 T. 08:10:38
17	842			67	886		
18				68			
19	844			69	888		
20				70			
21				71			
22	846			72	890		
23				73			
24	848			74	892		
325		M2		325			
26	850			76			
27				77	894		
28				78		M-2	
29	852			79	896		
30				80			
31	854			81			
32				82	898		
33	856			83			
34				84	900		
35	858			85			
36				86	902		
37	860		LF 51167	87			
38			5:05:07 FF 51168	88	904		
39				89			
40	862			90	906		
41				91			
42	864			92	908		
43				93			LF 51168
44			6 GUNS	94	910		77:51:16.9 8:16:21
45	866			95			
46				96	912		
47	868			97			
48				98			
49	870			99	914		

COMMENTS

ERIC

J

Paul W.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USE-S
LINE NO. 756

DATE 7/14/75
PROSPECT COOK INLET
DIR. OF SHOOTING NINE
TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400		11-1		450			
01	916		SH 626T	51			
02			TR 184R	52			
03			CD 45,55,40,45,30,32	53			
04	918		MD 36	54			
05				55			
06	920			56			
07				57			
08	922			58			
09				59			
10	924			60			
11				61			
12	926			62			
13				63			
14	928			64			
15				65			
16	930			66			
17				67			
x18	932		Pick-up bird noise	68			
19				69			
20	934			70			
21			L 7 51169	71			
x22	936		77 51170 8:22:45	72			
23				73			
24	938			74			
x25			Cable noise	475			
26	11-2		932-146	76			
x27	940			77			
28				78			
29	942			79			
30				80			
31	944			81			
32				82			
933	946		L 7 51180 T: 8:23:56	83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

433 HAVE 946
327 -559
-46 ✓ 387 NEED

+ 6 DUMMYS
- 52 SHIPS
- 46 ✓

Paul W.

CIRCLE

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aqua pulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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NTB= NO TIMEBREAK

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 07/14/75
PROSPECT COOK INLET
DIR. OF SHOOTING NINE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	DAI	LF	TESTS RPT F 51171	50	910A	M1	212
01	MAX	GAIN	ILLV	51			
02	"	"	TERM	52			
03	MIN	GAIN	-3DB	53	912A		other seis crew gone
04	"	"	-27DB	54			
05	"	"	-51DB	55			
06	"	"	-75DB	56	914A		
07	"	"	-96DB	57			
08	"	"	TERM	58			
09	880A		T 16:15:28	59	916A		
10			4 guns	60			
11	882A		54 0300T	61			
12			TB 1850	62			LF 51172
13	884A		CD 45 50 45 40 32 34	63	918A		FF 51173 T 16:29:13
14	886A		MC 34	64			
15			RPM 1500x2	65	920A		
16	888A			66			
17			seis	67			
18	890A		another crew shooting	68	922A		RPM 1550x2
19				69			
20	892A			70	924A		
21				71			
22	894A			72	926A		
23				73			
24				74	928A		
25	896A	M2	220'	75		M2	205'
26			coming off line for	76	930A		
27	898A		crab pots	77			
28				78	932A		MS
29				79			MS
30	900A			80	934A		MS
31				81			
32				82	936A		
33				83	938A		
34	902A		LF 51171	84	940A		
35			FF 51172 T 16:21:11	85			
36				86	942A		
37				87			
38	904A			88	944A		
39				89			
40				90	946A		LF 51173
41				91			FF 51174 16:38:24
42				92	948A		
43	906A			93	950A		
44				94			
45				95	952A		
46				96			
47	908A			97	954A		
48				98			
49				99	956A		

COMMENTS Fill time 2.4
Record Length 20
Fath Scale 0-600ft

Note Preamp gain is 20 on 35, 460-72
all others 27

(Handwritten signature)

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT 4595
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT Cook Inlet
DIR. OF SHOOTING DNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00		M1	190' -	50		M1	190' -
01	958			51	1014		
02			<H 0230T	52	1016		
03	960		TR 1900R	53			
04			CD 40 42 40 44 35 33	54	1018		
05	962		MC 42	55			
06				56	1020		
07	964			57			
08				58	1022		
09	966			59			
10	968			60	1024		
11				61	1026		
12	970			62			
13				63	1028		
14	972			64			
15				65	1030		
16	974			66			
17	976			67	1032		
18			LF 51174	68			
19	978		FF 51175 16:45:51	69	1034		
20				70			
21	980			71	1036		
22				72	1038		
23	982			73			
24				74	1040		LF 51176
25	984			75			FF 51177 16:57:44
26	986	M2	190' -	76	1042	M2	195' -
27			RPM 1500 X2	77			
28	988			78	1044		
29				79			
30	990			80	1046		
31				81			
32	992			82	1048		
33				83			
34	994			84	1050		
35	996			85			
36				86	1052		
37	998			87			
38				88	1054		
39	1000			89			
40	1002			90	1056		
41				91			
42	1004			92	1058		
43				93			
44	1006			94	1060		
45				95			
46	1008		LF 51175	96	1062		
47	1010		FF 51176 16:52:19	97			
48				98	1064		
49	1012			99			

COMMENTS

700/CS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 7-14-75

CLIENT USGS

PROSPECT Coc LTL let

LINE NO. 756

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200	1066	M1	178' -	250	1116	M1	161' -
01				51	1116		
02	1068		LF 51177	52			
03			FF 51178 17:02:25	53	1118		
04	1070			54			
05			SH 073°T	55	1120		
06	1072		CB 190°R	56			
07			CD 40 52 40 45 33 33	57	1122		
08	1074		ML 42	58			
09				59	1124		LF 51179
10	1076		FGJA SIRT	60			FF 51180 17:11:38
11				61	1126		
12	1078			62			
13				63	1128		
14	1080			64			
15				65	1130		
16	1082			66			
17				67	1132		
18	1084			68			
19				69	1134		
20	1086			70			
21				71	1136		
22	1088			72			
23				73	1138		
24	1090			74			
25		M2	165' -	75	1140	M2	163' -
26	1092			76			
27				77	1142		
28	1094			78			
29			Six Guns	79	1144		
30	1096		LF 51178	80			
31			FF 51179 17:07:01	81	1146		
32	1098			82			
33				83	1148		
34	1100			84			
35				85	1150		
36				86			LF 51180
237	1102			87	1152		FF 51181 17:16:13
38				88			
39	1104			89	1154		
40				90			
41	1106			91	1156		
42				92			
43	1108			93	1158		
44			1450 RPM X2	94			
45	1110			95	1160		
46				96			
47	1112			97	1162		
48				98			
49	1114			99	1164		

COMMENTS

CS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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**WESTERN
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**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT Cook Inlet
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300		m-1	SH 043 °T - 165'	350	1210	m-1	148'
01	1166		CB 185 °R	51			
02			CD 40 54 41 43 31 36	52	1212		
03	1168		ALC 40	53			
04				54			
05				55	1214		
06	1170			56			
07				57	1216		
08	1172			58			
09				59	1218		
10	1174			60			
11				61	1220		
12	1176			62			
13				63			
14	1178		LF 51181	64	1222		
15			FF 51182 T 17:20:49	65			
16	1180			66	1224		
17				67			
18				68	1226		
19	1182			69			
20				70	1228		LF 51183
21	1184			71			FF 51184 T 17:30:07
22				72	1230		
23	1186			73			
24				74	1232		
25	1188	m-2	155'	75		m-2	185'
26				76	1234		
27	1190			77			
28				78			
29	1192			79	1236		
30				80			
31				81	1238		
32	1194			82			
33				83	1240		
34	1196			84			
35				85	1242		
36	1198			86			
37				87	1244		
38	1200			88			
39				89			
40			5 GUNS	90	1246		
41	1202			91			
42			LF 51182	92	1248		
43	1204		FF 51183 T 17:25:23	93			
44				94	1250		
45	1206			95			LF 51184 NO EOF
46				96	1252 NG		
47				97			FF 51185-17:34:50
48	1208			98	1254		LF 51184
49				99			F 17:34:50

COMMENTS

DB

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
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MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT COOK TURT
DIR. OF SHOOTING WAVE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400		m-1	198'	450	1298	m-1	195'
01	1256		SH 023° T	51			
02			TB 180° R	52	1300		
03	1258		CD	53			
04			MC	54			LF 51186
05	1260			55	1302		FF 51187 1745.21
06				56			
07	1262			57	1304		
08				58			
09	1264			59	1306		
40				60			
11				61			
12	1266		CRAB POTS NOTED	62	1308		
13				63			
14	1268			64	1310		1500 x ² RPM
15				65			
16	1270			66			
17				67	1312		
18	1272			68			
19				69	1314		
20	1274			70			
21				71	1316		
22	1276			72			
23				73	1318		
24			LF 51185	74			
25	1288	NG	T 17:39	75	1320	M2	190' -
26		NG		76			
27	1280	m-2	195' FF 51186 - T 17:40:10	77	1322		6 GUNS
28				78			
29	1282			79			
30				80	1324		
31				81			
32	1284			82	1326		LF F-51187
33				83			FF F-51188 T: 17:51 15
34				84	1328		
35	1286			85			
36				86	1330		
37	1288			87			
38				88	1332		
39				89			
40	1290			90	1334		
41				91			
42	1292			92	1336		
43				93			
44				94	1338		
45	1294			95			
46				96	1340		
47	1296			97			
48				98	1342		
49				99			

COMMENTS

"Dee"
CH

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89 DATE 07/14/75
CLIENT USGS PROSPECT COCK INLET
LINE NO. 756 DIR. OF SHOOTING NNE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500	1344	M1	190'-	550	1398	M1	190'-
01			SH 0230 TB 182°R	51			
02	1346		CD 42 50 43 46 35 37	52	1400		
03			MS 36	53			
04	1348			54	1402		
05	1350			55			
06				56	1404		
07	1352			57			
08			LF F-51188	58	1406		
X09	1354	NG	17-57-00	59			
10			LF F-51189 T:17:57:00	60	1408		
11	1356			61			
12				62	1410		
13	1358			63	1412		
14				64			
15	1360			65	1414		LF F-51190
16				66			FF F-51191 T:18:07:37
17	1362			67	1416		
18				68			
19	1364			69	1418		
20	1366			70			
21				71	1420		
22	1368			72			
23				73	1422		
24	1370			74	1424		
525		M2	188'-	575		M2	185'-
26	1372			76	1426		
27				77			
28	1374			78	1428		
29				79			
30	1376			80	1430		
31				81			
32	1378			82	1432		
33				83			
34	1380			84	1434		
35				85			
36	1382			86	1436		
37	1384		LF F-51189	87	1438		
38			FF F-51190 T:18:02:30	88			
39	1386			89	1440		
40				90			
41	1388			91	1442		
42				92			
43	1390			93	1444		LF F-51191
44				94			FF F-51192 18:12:23
45	1392			95	1446		
46				96			
47	1394			97	1448		
48	1396			98			
49				99	1450		

COMMENTS

"Dec"
CHD

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
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MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 07/14/75
PROSPECT CORAL INLET
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
001		M	1851	650		m1	LF 51193 No FOF
01	1452		SH 035° TB 186°	51	1444		18:22:25 FF 51194
02			CD 42 50 43 47 34 36	52			
03	1454		MS 40	53	1496		
04				54			
05	1456			55	1498		
06				56			
07			COURSE CHNG	57	1500		
08				58			
09	1458			59	1502		
X10				60			
11				61	1504		
✓12	1460			62			
13				63	1506		Tap Deck Mal Function
14				64			
15	1462			65	1508		LF 51194
16				X66	1510	ng	
17	1464			67			18:26:00 FF 51194
18		ng		68			Header constant reads = 51194
X19		ng		69	1514		
20	1466			70			
21				71	1516		
22			LF 51192	72			
23	1468		18:17:03 FF 51193	73	1518		
24				74			
25	1470	m2	Depth 185 feet	✓675	1520	m2	Depth 180 ft
26				76			
27	1472			77	1522		
28				78			
29	1474			79	1524		
30				80			
31				81	1526		
32	1476			82			
33				83	1528		
34	1478			84			
35				85	1530		
✓36	1480			86			
37				87	1532		
38	1482			88			
39				89	1534		
40	1484			90			
41				91	1536		
42				92			
43	1486			93	1538		LF 51195
44				94			18:21:16 FF 51195
45	1488			✓95	1540		
46				96			
47	1490			97	1542		
48				98			
49	1492			99	1544		

COMMENTS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
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R.M.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89

CLIENT 4545

LINE NO. 756

REEL NO. _____

DATE 7-14-75

PROSPECT COOK R-10

DIR. OF SHOOTING 71E

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100		m1	Depth 180 ft	750	16	m1	Depth 180 ft
01	1546			51	1544		
02			SH 0180 T	52			
03			TB 1840 R	53	1546		LF 51198
04	1548		CP 42 51 44 47 34 39	54			T 18:43:32 FF 51199
05			m 27	55	1548		
06	1550			56			
X07		hg		V57	1600		
08	1552			58			
X09		hg		59	1602		
10	1554			60			
X11		hg	LF 51196	61	1604		
12	1556		FF 51197	62			
13			T: 15:34:50	63	1606		
14	1558			64			
15				65	1608		
V16	1560			66			
17				67			
18	1562			68	1610		
19				69			
20	1564			70	1612		
21				71			
22	1566			72	1614		
23				73			
24	1568			74	1616		
25		m2	Depth 180 ft	75		m2	Depth 174
26	1570			76	1618		
27				77			
28	1572			78			
29				79	1620		
30	1574			80			
31				81	1622		LF 51199
32	1576			82			FF 51200 T 18:49:35
33				83	1624		
34	1578			84			
35				85	1626		
V36	1580			86			
37				87	1628		
38	1582			88			
39			LF 51197	89	1630		
40	1584		T: 18:46:34 FF 51198	90			
41				91	1632		
42	1586			92			
43				93			
44	1588			*94	1634		
45				95			
46	1590			96	1636		
47				97			
48				98	1638		
49	1592			99			

COMMENTS

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

R. A.

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-4-75
PROSPECT Coor. Pyle
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1640A	RM	1751	50			
01				51			
02			5H 00850P	52			
03	1642A		4B 1840R	53			
04			CD 4352 44 48 3437	54			
05	1644A		ML 39	55			
06				56			
07	1646A			57			
08				58			
09	1648A		LF 51200	59			
10			RF 51200 751 61 516	60			
11	1650A		T 1856.08	61			
12				62			
13	1652A			63			
14				64			
15	1654A			65			
16				66			
17	1656A			67			
18				68			
19				69			
20	1658A			70			
21				71			
22	1660A			72			
23				73			
24	1662A			74			
25				75			
26	1664A			76			
27				77			
28	1666A	NG		78			
29				79			
30				80			
31	1668A			81			
32				82			
33	1670A			83			
34				84			
835	1672A		EOL T 19:02:22	85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
49				99			

COMMENTS

835
 - 6
 827-HAVE
 1642
 - 879
 793-NEED
 837
 793
 -34✓
 + 22
 - 56
 -34✓

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WESTERN GEOPHYSICAL COMPANY OF AMERICA

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-13-75
PROSPECT Cocke Key
DIR. OF SHOOTING SSW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			Rec # F51042	50			118' -
01			14W Ref	51	2354		
02			May train noise	52			SH 212" T
03			-300	53	2352		TR 135" R
04			-2700	54			
05			-5100	55	2350		
06			-7500	56			
07			-9600	57	2348		
08			May train noise	58			
09				59	2346		
10	2432	M-1	T 5 47.01 -130'	60			
11	2430			61	2344		
12			SH 213" T	62			
13	2428		TR 140" R	63	2342		L 231043
14	2426		CD 45 52 42 45 35 32	64			27 51044 - 5159 29
15	2424		12	65	2340		
16			1570 12	66			
17	2422			67	2338		
18				68			
19	2420			69	2336		
20	2418			70			
21	2416			71	2334		
22				72			
23	2414			73	2332		
24	2412			74			
25		M-2	130' -	75	2330	M-2	130' -
26	2410			76			
27				77	2328		
28	2408			78			
29	2406			79	2326		
30				80			
31	2404			81	2324		
32				82			
33	2402			83	2322		
34			L 7 51042	84			
35	2400	N-6	22 51043	85	2320		
36			T 5 54 00	86	2318	N-6	
37	2398			87	2316		
38	2396			88	2314		
39				89			
40	2394			90			L 7 51044
41				91	2312	N-6	77 51045
42	2392			92			T 6 00 10
43				93	2310		
44	2390			94			
45				95	2308		
46				96			
47	2388			97	2306		
48				98			
49	2386			99	2304		

COMMENTS Fill 2.4
RECORD 7.0
TAPESCALE 0-600 ft

PREAMP GAIN 20 ON GRPS 60-72. ALL OTHER 2

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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2 CIRCLES IN LINE

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. _____
REEL NO. _____

DATE 7-13-75
PROSPECT CoCINLET
DIR. OF SHOOTING SSC
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	150	1-1	195'	150	1-1	1-1	195'
01 2352				51 2236			
02			54 2117	52			54 2117
03 2330			75 1837R	53 2244			75 1837R
04			1.0 45 52 42 45 36 35	54			
05 2328			4 42	55 2252			
06			17 1320 2	56			
07 2326				57 2256			
08				58			
09				59 2271			
10 2324				60			
11				61 2276			
12 2322				62			
13				63 2274			
14 2320				64			
15				65 2272			
16 2318				66			
17				67 2270			
18 2316			2751045	68			
19			2751046 619 40	69			
20 2314				70 2261			
21				71			
22 2312				72 2266			
23				73			2751041
24 2310				74 2264			2751048 618 25
25	ML			75 2262	112		152'
26 2308				76 2262			
27				77			
28				78 2260			
29 2306				79			
30				80 2258			
31 2304				81			
32				82 2256			
33 2302				83			
34				84 2254			
35 2300				85			
36				86 2252			
37 2298				87			
38				88 2250			
39 2296				89			
40				90			
41 2294				91 2248			
42				92 2246			
43 2292				93			
44				94 2244			
45			2751046	95			
46 2290	ML		2751047 7614 75	96 2242			
47				97			
48				98			
49 2288				99 2240			

COMMENTS Ref

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 809 DATE 7-13-75
CLIENT USA S PROSPECT LOC INLET
LINE NO. 7517 DIR. OF SHOOTING 231
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		M-1	17 51018 → 1.30'	250	2188	M-1	1.30'
01	2238		17 51049 T 6.23.18	51			
02			511 2.4.57	52			2.4.57
03	2236		75 182.4R	53	2186		75 185
04			(1) 45.56 46.45 31.55	54			
05	2234		M-2	55	2184		17 51050
06			17 1500 v 2	56			75 184 6.32.48
07	2232			57	2182		
08				58			
09	2230			59	2180		
10		N.L.		60			
11	2228			61	2178		
12				62			
13	2226			63	2176		
14				64			
15	2224			65	2174		
16				66			
17	2222			67	2172		
18				68			
19	2220			69	2170		
20				70			
21	2218			71	2168		
22				72			
23	2216			73	2166		
24				74			
25	2214	M-2		75	2164	M-2	1.55' →
26				76			
27	2212			77			
28			17 51049	78	2162		
29	2210	N.L.	17 51050 6.28.17	79			
30				80	2160		
31	2208			81			
32				82	2158		17 51051
33	2206			83			22 1052 T 6.32.03
34				84	2156		
35	2204			85			
36		N.L.		86	2154		
37	2202	N.L.		87			
38		N.L.		88	2152		
39	2200			89			
40				90	2150		
41	2198			91			
42	2196			92	2148		
43				93			
44	2194	N.L.		94			
45		N.L.		95	2146		
46		N.L.		96			
47	2192			97	2144		
48	2190			98			
49				99	2142		

COMMENTS *log*

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89

DATE 7-13-75

CLIENT U.S. Navy

PROSPECT 2005 INLET

LINE NO. 750

DIR. OF SHOOTING SE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00				50			
01	7140			51			
02				52	7070		21 046 T
03				53			11 180 40
04	2138		21 45 50 40 05 38 35	54	7070		
05			21 42	55			
06	2136		21 15 00	56	7070		
07				57			
08	2134			58	7070		
09			27 510 52	59			
10	2132		27 510 53 6:41 10	60	7074		
11				61			
12	2130			62	7072		
13				63			27 510 54
14	2128			64	7070	N.G.	T 6:49 28
15				65			27 510 55
16	2126			66	7078		
17				67			
18	2124			68	7076		
19				69			
20	2122			70	7074		
21				71			
22				72	7072		
23	2120			73			
24				74	7070		
25	2118	102		75		N12	160' —
26				76	7068		
27	2116			77			
28				78	7066		
29	2114			79			
30				80	7064		
31	2112			81			
32				82	7062		
33	2110			83			
34				84	7060		
35	2108			85			
36			27 510 53	86	7058		
37	2106		27 510 51 T 6:45 36	87			
38				88	7056		
39	2104			89			
40				90	7054	FG VA START	
41	2102			91		LF 510 53	
42				92	7052	06:54:21 FF 510 56	
43	2100			93			
44				94	7050		
45				95			
46	2098			96	7048		
47				97			
48	7070			98	7046		
49				99			

COMMENTS F01

ERIC

1. Start newsheet for each tape.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 **DATE** 7-13-58
CLIENT 6156-S **PROSPECT** LAKE MICHIGAN
LINE NO. 750 **DIR. OF SHOOTING** SSW
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400	2044	M1		450	1994	M1	160'
01			SH 2060T	51			
02	2042		TB 1840R	52	1992		
03			LD 44 5042 443	53			
04	2040		MD 44	54	1990		
05				55			
06	2038			56	1988		
07				57			
08	2036			58	1986		
09				59			
10	2034			60	1984		
11				61			
12	2032			62	1982		
13				63			
14	2030			64	1980		
15				65			
16	2028			66	1978		
17				67			
18	2026		LF 51056	68	1976		
19			6:50:40 FF 51058	69			
20	2024			70	1974		
21				71			
22	2022			72	1972		
23				73			
24	2020			74	1970		LF 51058
425		M2	160' —	75		M2	
26	2018			76	1968		7:07:30 LF 51059
27				77			
28	2016			78	1966	M2	155'
29				79			
30	2014			80	1964		
31				81			
32	2012			82	1962		
33				83			
34	2010			84			
35				85	1960		
36	2008			86			
37			EG LA END	87	1958		
38	2006			88			
39				89	1956		
40	2004			90			
41				91	1954		
42	2002			92			
43				93	1952		
44	2000			94			
45				95	1950		
46	1998		LF 51057	96			
47			7:03:00 FF 51058	97	1948		
48	1996			98			
49				99	1946		

COMMENTS

ERIC

1. Start newsheet for each tape.
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**WESTERN
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COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 **DATE** 2/13/75
CLIENT USGS **PROSPECT** LOCKHART
LINE NO. 756 **DIR. OF SHOOTING** SSW
REEL NO. **TAPE DECK** ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
500		M1	156'	550	1894	M2	160'
01	1944			51			
02			LF 51058	52	1892		
03	1942	NG		53			
04			7:11:52 FF 51059	54	1890		
05	1940			55	1888	15	1888
06			SH 20807	56			
07	1938		TB 1820R	57	1886		1886
08			(1) 46 52 43 45 38 36	58			
09	1936		M2 43	59	1884		LF 51061
10				60			7:20:55 FF 51062
11	1934			61	1882		1882
12				62			
13	1932			63	1880		1880
14				64			
15	1930			65	1878		1878
16				66			
17	1928			67	1876		1876
18				68			
19	1926			69	1874		1874
20				70		NG	
21	1924			71	1864		1872
22		NG		72			
23	1922			73	1862		1870
24				74			
1825	1920	M2	160'	575	1860	NG	1868
26				76			
27	1918			77	1866		
28				78	1864		
29	1916			79			
30				80	1862		
31	1914		LF 51060	81		NG	
32			7:16:22 FF 51061	82	1860		
33	1912			83			
34				84	1858		
35	1910			85		NG	
36	1908			86	1856		
37				87			LF 51062
38	1906			88	1854	NG	
39				89			7:25:22 FF 51063
40	1904			90	1852		
41				91			
42	1902			92	1850		
43				93			
1844	1900			94			
45				95	1848		
46	1898			96			
47				97	1846		
48	1896			98			
49				99	1844		1450 PR

COMMENTS

ERIC

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 256

DATE 7/13/75
PROSPECT CHALKET
DIR. OF SHOOTING SSW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
600	1842	M1		650	1794		
01	J		SH 210 OT	51	1712	M1	160'
02			TR 185 OR	52			
03	1840		LD 46.53 4145 5736	53	1790		
04			MD 37	54			
05	1838			55	1788		
06				56			
07	1836			57	1786		
08				58			
09	1834			59	1784		
10				60	1782		
11	1832			61			
12				62	1780		
13	1830			63			
14				64	1778		
15	1828			65			
16			LF 51063	66	1776		
17	1826		7:29:43 FF 51064	67			
18				68	1774		
19	1824			69	1772		
20				70			
21	1822			71	1770		
22				72			LF 51063
23	1820			73	1768		7:33:39 FF 51066
24				74			
25	1818	M2	160'	75	1766	M2	165'
26				76			
27	1816			77	1764		
28				78			
29	1814			79	1762		
30				80			
31	1812			81	1760		
32				82			
33	1810			83	1758		
34				84			
35	1808			85	1756		
36				86			
37	1806			87	1754		
38				88			
39				89	1752		
40	1804			90	1750		
41				91			
42	1802			92	1748		
43				93			
44	1800		LF 51064	94	1746		
45			7:34:08 FF 51065	95			
46	1798			96	1744		
47				97			
48	1796			98	1742		
49				99			

COMMENTS

ERIC

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 39
CLIENT USGS
LINE No. 736
REEL No. _____

DATE 7/13/78
PROSPECT CHALKLEY
DIR. OF SHOOTING SSCJ
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	1740	M1	51066 16.5'	750	M1		
01				51	1694		
02			7:43:56 51067	52			
03	1738			53	1692		
04			SH 211°T	54			
05	1736		TG 184°R	55	1690		
06			OD 45 43 5 2 44 38 36	56			
07	1734		MD-45	57	1688		
08				58			LF 51068
09	1732			59	1686		07.51:15 FF 51069
10				60			
11	1730			61			
12				62	1684		
13	1728			63			
14				64	1682		
15	1726			65			
16				66	1680		
17				67			
18	1724			68	1678		
19				69			
20	1722			70	1676		
21				71			
22	1720			72	1674		
23				73			
24	1718			74	1672		
25		M2		75	M2		16.5'
26	1716			76	1670		Picking up bird noise
27				77			on grp #1
28	1714			78	1668		
29			LF 51068	79			
30	1712			80	1666		
31			7:47:38 51068	81	1664		
32	1710			82			
33				83	1662		
34	1708			84			
35				85	1660		
36	1706			86			LF 51069
37				87	1658		67:55:24 FF 51090
38	1704			88			
39				89	1656		
40	1702			90			
41				91	1654		
42	1700			92			
43				93			
44				94	1652		
45	1700			95			
46				96	1650		
47	1698			97			
48				98	1648		
49	1696			99			

COMMENTS

RSL

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 756

DATE 7-13-75
PROSPECT Cook Inlet
DIR. OF SHOOTING SSW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
800	1646	14-1		850			
01			SH-206°T	51			
02	1644		TB 184°R	52			
03				53			
04	1642			54			
05				55			
06	1640			56			
07				57			
08	1638		LF-07:59:57	58			
09			LF-51:10	59			
10			as per client request	60			
11				61			
12				62			
13				63			
14				64			
15				65			
16				66			
17				67			
18				68			
19				69			
20				70			
21				71			
22				72			
23				73			
24				74			
25				75			
26				76			
27				77			
28				78			
29				79			
30				80			
31				81			
32				82			
33				83			
34				84			
35				85			
36				86			
37				87			
38				88			
39				89			
40				90			
41				91			
42				92			
43				93			
44				94			
45				95			
46				96			
47				97			
48				98			
849				899			

COMMENTS

$$\begin{array}{r} 808 \\ - 9 \\ \hline 799 \end{array}$$

$$\begin{array}{r} 2433 \\ - 1638 \\ \hline 795 \end{array}$$

$$\begin{array}{r} + 20 \\ - 24 \\ \hline - 4 \end{array}$$

799 have -4 ✓
795 Need

CIRCLE

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
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FIELD REELS RECAP

GEO-83
CLIENT

NO. 4068

DATE

8-4-75

CLIENT

USGS

SAMPLE RATE

4

RECORD LENGTH

7

CREW

1031-18

AREA

COOK INLET

LINE NUMBER

756

ANALYST

THORNTON

(RC)

FIELD REELS	EDIT REELS	DIGITAL RECORDS	SKIPS/REMARKS
51042-51046	03924	1-10	TEST DEAD REC=119
		11-122	MISSING REC=35, 91, 1
51046-51050	19356*	123-241	MISSING REC=146, 210,
51050-51051	21754	242-282	
51052-51056	04963	283-401	DEAD REC=318,
			MISSING REC=364,
51056-51060	25941	402-517	MISSING REC=475, 503,
51060-51064	22109	518-636	REC=585 HAS 2.9 SEC DATA
			MISSING REC=588,
51064-51068	06054	637-756	MISSING REC=701, 730,
51068-51070	04323	757-808	MISSING REC=758, 759,
51137-51141	32026	1-121	
51141-51146	28013	122-243	DEAD REC=143,
			REC=146 HAS 3.1 SEC DATA
			" 147 " 4.9 " "
			" 153 " 4.5 " "
			" 202 " 3.8 " "
			" 204 " 3.6 " "
			DEAD REC=239
51146-51151	32324	244-369	MISSING REC=295, 296, 297, 298,
			DEAD REC=299, 332,
51151-51156	32308	370-447	DEAD REC=384, 412, 440,
		1-44	
51156-51158	32295	45-113	MISSING REC=85
51158-51160	32418	114-151	
51160-51164	32432	152-273	
51164-51169	25765	274-396	
51169-51173	30712	397-433	DEAD REC=422
		7-8	TEST DEAD REC=11, 14
		9-84	REC=34 HAS 5.5 SEC DATA
51173-51178	30569	85-206	
51178-51182	25178	207-327	DEAD REC=291,
51182-51186	21926	328-450	MISSING REC=396, 425,
			DEAD REC=426,
51186-51191	22202	451-573	MISSING REC=508,
51191-51193	20184	574-664	MISSING REC=610, 618,
51194-51200	36744	665-794	MISSING REC=666, 707, 709,
			711, 750,
51200-51201	25192	795-835	
			R1

COMMENTS

RECORDS 666, 667 DO NOT SHOW ON SECTION

FIELD REELS RECAP

GEO-53

CLIENT

USGS

CREW

1031-18

AREA

COOK INLET

LINE NUMBER

756

SAMPLE RATE

4

ANALYST

FRIAR

DATE

9-2-75

RECORD LENGTH

7

FIELD REELS

EDIT REELS

DIGITAL RECORDS

SKIPS/REMARKS

51046 -

08271

123-241

MISSING REC= 146, 210,

PRODUCTION PROCESSING REQUEST

SUBMITTED BY:

Lenn

USER GROUP ID:

1031-18

SEQ. NO:

LINE:

756

CLIENT:

USGS

DATE:

8-28-75

WORK ORDER NO:

4068

EST. TIME:

TIME AND
OPERATORINPUT
REELOUTPUT
REELPRO-
CESS

Field

8274

Unip

Reels

8082

51046

10

12¹² SEP 1975

FM

140

0

14⁰⁰ SEP 1975

51050

7568

S.T.

SECTION

MACHINE CODE

704

RM 10 1520
V. 8/74Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

COMMENTS

WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-14-75
CLIENT 4625 PROSPECT CCV Energy
LINE No. 756 DIR. OF SHOOTING SSW
REEL No. 51137 TAPE DECK ☐ Upper ☒ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			REEL # F51137	50			275'
01	560	M-1	T-03:34:09 (280')	51			
02			SH 2004	52	512		SH-192°T
03	558		TB-184°R	53			TB-185°R
04			CD-43,40,28,35,30,35	54	510		
05	556		MD-32	55			
06			RMS-1560 RPM	56	508		LF-51138
07	554			57			03:45:55 FF 51139
08				58	506		
09	552			59			
10				60	504		
11	550			61			
12				62	502		
13	548			63			
14				64	500		
15	546	NG		65			
16				66	498		
17				67			
18	544			68	496		
19				69			
20	542			70	494		
21				71			
22	540			72	492		
23				73			
24	538		Cable straight	74	490		
25		M-2		75		M-2	270'
26	536			76	488		
27				77			
28	534		LF 51137	78	486		
29			03:39:53 FF 51138	79			
30				80	484		
31	532			81			
32				82	482		
33	530			83			
34				84	480		LF 51139
35	528			85			3:52:09 FF 51140
36				86	478		
37	526			87			
38				88	476		
39	524			89			
40				90	474		
41	522			91	472		FGVA END
42				92			
43	520			93			
44			FGVA STARTS	94			
45	518			95	468		
46				96			
47	516			97	466		
48				98			
49	514			99	464		

COMMENTS PREAMP GAIN IS 26 on Grps. 60-72
ALL OTHERS 27.

Note: Cable not straight
at BOL.

FILL TIME - 2.4 Sec.
RECORD LENGTH - 7.0 Sec.
FATHO SCALE - 6-600'

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
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Page

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 750
REEL NO. _____

DATE 7-14-75
PROSPECT Cook Inlet
DIR. OF SHOOTING SSC
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00				50			
01	402			51	412		27.4
02			54 153 5 T	52	410		511 150 5
03	400		77 170 R	53	408		77 150 R 27 511 41
04			50	54	406		4 187 12 77 511 45
05	458		5	55			
06			Com 1520 V2	56	401		
07	456			57			
08				58	400		
09	454			59			
10				60	400		
11	452			61			
12				62	391		
13	450		27 511 46	63			
14	448		77 511 41 T.3 58 50	64	390		
15			SWIFT 410	65			
16	446			66	381		
17	444			67	380		
18				68			
19	442			69	370		
20				70			
21	440			71	388		
22				72			
23	438			73	386		
24				74			
25				75	M-2		27.3
26	436	112	27.2	76	384		
27				77			
28	434			78	382		
29				79			
30	432			80	380		
31				81			27.5 11 43
32	430			82	378		77 511 40 7.14 22
33				83			
34	428			84	376		
35				85			
36	426			86	374		
37				87			
38	424			88	372		
39				89			
40	422		27 511 41	90	370		
41			77 511 42 T.4 04 58	91			
42	420			92	368		
43			THE DECK	93			
44	418		DIFFICULTIES	94	366		
45	416			95			
46				96	364		
47	414			97			
48				98	362		
49	412			99			

COMMENTS

Key

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 83 DATE 7-14-75
CLIENT USGS PROSPECT LINE 144
LINE NO. 756 DIR. OF SHOOTING SE
REEL No TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	360	M-1	268' -	50		M-1	265' -
01				51	312		
02	358		196°T	52			SH-195°T
03			185°R	53	310		TB-187°R
04	356		LD-44, 45, 40, 38, 38, 40	54			
05	354		R-32	55	308		
06			CM-1500X2	56			
07	352			57	306		
08				58			
09	350			59	304		
10			LF-51144	60			
11	348		04:20:35 FF-51145	61	302		
12				62			
13	346			63	300		
14				64			
15	344			65	298		
16				66			LF-51146
17	342			67	296		04:32:42 FF-51147
18				68			
19	340			69	294		
20				70			
21	338			71	292		
22				72			
23	336			73	290		
24				74			
25	334	M-2	265' -	75	288	M-2	280' -
26				76			
27	332			77	286		
28				78			
29	330			79	284		
30				80			
31	328			81	282		
32				82			
33	326			83	280		
34				84			
35	324			85	278		
36				86			
37	322			87	276		
38			LF-51145	88			
39	320	NG	04:26:40	89	274		
40			04:26:53 FF-51146	90			
41	318		↓	91	272		
42				92			
43	316			93	270		
44				94		NG	LF-51149
45	314			X 95	268	NG	04:38 FF-51148
46				X 96		NG	
47	312			X 97		NG	
48				X 98		NG	
49	310			X 99		NG	

COMMENTS

Sp. 269-256
not recorded -
Tape deck troubles.

RJD

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY NO. 89
CLIENT USGS
LINE NO. 756
REEL NO. _____

DATE 7-14-75
PROSPECT Cock Sh. L.
DIR. OF SHOOTING SSC
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300	254		04:40:49 FF 51149	50	264	M-1	260'
01				51			
02	252		SH-197°T	52	202		
03			TB-185°R	53			
04	250		CD-46, 51, 41, 46, 40, 40	54	200		
05			MS-36	55			LF-51150
06	248		RPM-1500X2	56	198		04:52:48 FF 51151
07				57			
08	246			58	196		
09				59			
10	244			60	194		
11				61			
12	242			62	192		
13				63			
14	240			64	190		
15				65			
16	238			66	188		
17				67			
18	236			68	186		
19				69			
20	234			70	184		
21				71			
22	232			72	182		
23				73			
24	230			74	180		
25		M-2	275'	75		M-2	275'
26	228		LF-51149	76	178		
27			04:46:35 FF-51150	77			
28	226			78	176		
29				79			
30	224			80	174		
31	222			81	172		
32				82			
33	220			83	170		LF-51151
34				84			NG 4:58:59
35	218			85	168		↓ FF 51152
36				86			
37	216			87	166		
38				88			
39				89	164		
40	214			90			
41				91	162		
42	212			92			
43				93	160		
44	210			94			
45				95	158		
46	208			96			
47				97	156		
48	206			98			
49				99	154		

COMMENTS

REL

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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4. Change in Leadin MUST be noted.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89

DATE 7-14-75

CLIENT USGS

PROSPECT Cock Shale

LINE NO. 756

DIR. OF SHOOTING SSW

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400		M-1	255-	50			
01	152		SH-2000T	51			
02			TB-1850R	52			
03	150		CV-44 5042, 46, 4440	53			
04			MS-36	54			
05	148		KPM-1500x2	55			
06				56			
07	146			57			
08				58			
09	144			59			
10				60			
11	142		LF-51152	61			
X2			05:04:47 FF-51153	62			
13	140			63			
14				64			
15	138			65			
16				66			
17	136			67			
18				68			
19	134			69			
20				70			
21	132			71			
22				72			
23	130		260'-	73			
24				74			
25	128	M-2		75			
26				76			
27	126			77			
28				78			
29	124			79			
30				80			
31	122			81			
32				82			
33	120			83			
34				84			
35	118			85			
36				86			
37	116			87			
38				88			
39	114		LF-51153	89			
X40			05:10:5-	90			
41	112		05:11:05 FF-51154	91			
42				92			
43	110			93			
44				94			
45	108			95			
46			265'-	96			
47	106		05:12:35 LF-51154	97			
48			EOL	98			
49				99			

COMMENTS

580
-447 HAVE -105
+8 ✓ +455 NEED
+19 DUM
-11 skips
+8 ✓ RVL

CIRCLE

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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6. Insert 100's Digit first and last file

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D: DUMMY FILE
M: MONITOR
NG: BAD FILE, DELETE
PE: MORE THAN 4 PARITY ERRORS
NTB: NO TIMEBREAK

MS: MISFIRE
N: NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 757
REEL NO. _____

DATE 7/11/75
PROSPECT COX INLET
DIR. OF SHOOTING LINE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			FF ON F 50817	50	052	111	
01	000	M1	T 9:16:18	51			
02				52	054		
03	002		SH 033°T	53			
04	004		TB 182°R	54	056		
05			GD 404834433440	55			
06	006		MD 44	56	058		
07			RPM 1350 PR.	57			
08	008			58	060		
09				59			
10	010			60	062		
11				61	064		
12	012			62			
13				63	066		
14	014			64			LF 50818
15				65	068		9:29:36 FF 50819
16	016			66			
17				67	070		
18	018			68			
19				69	072		
20	020			70			
21				71	074		
22	022			72			
23	024			73	076		
24				74			
25	026	M2		75	078	M2	
26				76			
27	028			77	080		
28				78			
29	030			79	082		
30				80			
31	032			81	084		
32			LF 50817	82			
33	034		9:23:02 FF 50818	83	086		
34				84			
35	036			85	088		
36				86			
37	038			87	090		
38				88			
39	040			89	092		
40	042			90			
41				91	094		
42	044			92			
43				93	096		
44	046			94			
45				95	098		
46	048			96			LF 50819
47				97	100		9:36:02 FF 50820
48	050			98			
49				99	102		

COMMENTS

FILL TIME 2.4 SEC
RECORD LENGTH 6.0 SEC
FATHO SCALE 0-600 FT.

PRE-AMP GAINS 2⁶ 60-72.
ALL OTHERS 2⁷.

ERIC

1. Start newsheet for each tape.
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4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE

N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD



**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 757
REEL NO. _____

DATE 7/11/75
PROSPECT COCKLE INLET
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100		M1		150	154	M1	
01	104		SH 032°T	51			
02	106		TR 154°R	52	156		
03			CD 404834 433440	53			
04	108		MD 74	54	158		
05				55			
06	110			56	160		
07				57			
08	112			58	162		
09				59			
10	114			60	164		LF 30821
11				61			9:48:37 FF 50822
12	116			62	166		
13				63			
14	118			64	168		
15				65			
16	120			66	170		
17				67			
18	122			68	172		
19				69			
20	124			70	174		
21				71			
22	126			72	176		
23				73			
24	128			74	178		
25		M2		75		M2	
26	130			76	180		
27				77			
28	132		LF 50820	78	182		
29			9:42:21 FF 50821	79			
30	134			80	184		
31				81			
32	136			82	186		
33				83			
34	138			84	188		
35				85			
36	140			86	190		
37				87			
38	142			88	192		
39				89			
40	144			90	194		
41				91			
42	146			92	196		LF 50822
43				93			9:54:57 FF 50823
44	148			94	198		
45				95			
46	150			96	200		
47				97			
48	152			98	202		
49				99			

COMMENTS

ERIC

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE No. 757
REEL No. _____

DATE 7/11/75
PROSPECT Book 14, 15
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower ☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200	204	M1		250		M1	
01				51	256		
02	206		SHO 380T	52			
03	208		TR 183° R	53	258		
04			CD 44 49 3449 3444	54			
05	210		MC 42	55	260		
06				56	262		
07	212			57			LF 50824
08				58	264		FF50825 T10:07:37
09	214			59			
10				60	266		
11	216			61			
12				62	268		
13	218			63			
14				64	270		
15	220			65			
16				66	272		
17	222			67			
18				68	274		
19	224			69			
20				70	276		
21	226			71			
22				72	278		
23	228			73			
24				74	280		
25	230		NO 50 LF 50823	75		M2	
26			FF50824 10:07:26	76	282		
27	232	M2		77			
28				78	284		
29	234			79			
30				80	286		
31	236			81			
32				82	288		
33	238			83			
34				84	290		
35	240			85			
36				86	292		
37	242			87			
38				88	294		
39	244			89			LF 50825
40				90		NG	FF50826 10:13:46
41	246			91	296		
42				92			
43	248			93	298		
44				94			
45	250			95	300		
46				96			
47	252			97	302		
48				98			
49	254			99	304		

COMMENTS

Bill

1. Start newsheet for each tape.
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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USOS
LINE NO. 757

DATE 7-11-75

PROSPECT Peak Tule
DIR. OF SHOOTING N/E
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300		M1		350		M1	
01	306		SH034 OT	51	356		
02			TB184 OR	52			
03	308		C1) 42 49 32 46 36 42	53	358		
04			M<42	54			LF50827
05	310			*55	360		FF 50828 T 10:25:50
06				56			
07	312			57	362		
08				58			
09	314			59	364		
10				60			
11	316			61	366		
12				62			
13	318			63	368		
14				64			
*15	320			65	370		
16				66			
17	322			67	372		
18				68			
19	324			69	374		
20				70			
21	326			71	376		
22			LF50826	72			
23	328		FF 50827 T 10:19:52	73	378		
24				74			
25	330			*75	380 M2		380 FF -
26				76			
27	332			77	382		
28				78			
29	334			79	384		
30				80			
31	336			81	386		
32				82			
33	338			83	388		
34				84			
*35	340			85	390		
36				86	392		LF 50828 10:31:47
37	342			87			FF 50829 10:31:47
38				88	394		
39	344			89			
40				90	396		
41	346			91			
42				92	398		
43	348			93			
44				94	400		
45	350			95			
46				96	402		
47	352			97			
48				98	404		
49	354			99			

COMMENTS

Bill

1. Start new sheet for each tape.
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WESTERN GEOPHYSICAL COMPANY OF AMERICA

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY NO. 84
CLIENT USGS
LINE NO. 757
REEL NO.

DATE 7-11-75
PROSPECT Look Inlet
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
400	406	M-1		450	456	m-1	LF 50830
01				51			FF 50831 T 10:43:42
02	408		SH 0310°T	52	458		
03			TB 183°R	53			
04	410		CD 44 49 35, 51, 40, 41	54	460		
05			mc. 40	55			
06	412			56	462		
07				57			
08	414			58	464		
09				59			
10	416			60	466		
11				61			
12	418			62	468		
13				63			
14	420			64	470		
15				65			
16	422			66	472		
17				67			
18	424		LF 50829	68	474		
19			FF 50830 T 10:37:47	69			
20	426			70	476		
21				71			
22	428			72	478		
23				73			
24	430			74	480		
25		m-2		75		m-2	
X26	432			76	482		
27				77			
28	434			78	484		
29				79			
30	436			80	486		
31				81			
32	438			82	488		LF 50831
33				83			FF 50832 T 10:44:38
34	440			84	490		
35				85			
36	442			86	492		
37				87			
38	444			88	494		
39				89			
40	446			90	496		
41				91			
42	448			92	498		
43				93			
44	450			94	500		
45				95			
46	452			96	502		
47				97			
48	454			98	504		
49				99			

COMMENTS

Da

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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5. Note number of guns. (Aquapulse)
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 257
REEL NO. _____

DATE 7-11-75
PROSPECT COON INLET
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	506	M-1		50	558	M-1	
01				51			
02	508		SH 032°T	52	560		
03			TB 182°R	53			
04	510		CD 45, 50, 36	54	562		
05			MC	55			
06	512			56	564		
07				57			
08	514			58	566		
09				59			
10	516			60	568		
11				61	570		
12	518			62			
13				63	572		
14	520		LF 50832	64			
15			FF 50833 T 10:55:35	65	574		
16	522			66			
17				67	576		
18	524			68			
19				69	578		
20	526			70			
21	528			71	580		
22				72			
23	530			73	582		
24				74			
25	532	M-2		75	584	M-2	
26				76			
27	534			77	586	FG VAF 61RT	
28				78		LF F-50834	
29	536			79	588	FF F-50835 T 11:07:23	
30				80			
31	538			81	590		
32				82			
33	540			83	592		
34	542			84			
35				85	594		
36	544			86			
37				87	596		
38	546			88			
39				89	598		
40	548			90			
41				91	600		
42	550			92			
43				93	602		
44	552			94			
45				95	604		
46	554		LF 50833	96			
47			FF 50834 T 11:01:33	97	606		
48	556			98			
49				99	608		

COMMENTS

Don

"Dee"
CH

1. Start newsheet for each tape.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

⑦

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT COOK INLET
LINE NO. 757 DIR. OF SHOOTING NINE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
600		M1		650		M1	
01	610		SH 0320 TB 1820	51	660		
02			CD 47 50 35 47 37 42	52			
03	612		MS 41	53	662		
04			S. 1, 11 SEC	54			
05	614			55	664		
06				56			
07	616			57	666		
08				58			
09	618		LF F-50835	59	668		
10			LF F-50835	60			
11	620		FF F-50836 T. 11:12:53	61	670		
12				62			
13	622			63	672		
14				64			
15	624			65	674		
16				66			
17	626			67	676		
18				68			
19	628			69	678		
20				70			
21	630			71	680		
22				72			
23	632			73	682		
24			FGVA END	74			LF F-50837
625	634	M2		675	684	M2	FF F-50838 T. 11:23:55
26				76			
27	636			77			
28				78	686		
29	638			79			
30				80	688		
31	640			81			
32				82	690		
33	642			83			
34				84	692		
35	644			85			
36				86	694		
37	646			87	696		
38				88			
39	648			89	698		
40				90			
41	650			91	700		
42			LF F-50836	92			
43	652		FF F-50837 T. 11:18:23	93	702		
44				94			
45	654			95	704		
46				96			
47	656			97	706		
48				98			
49	658			99	708		

COMMENTS

"Dee"
CH

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89

DATE 07/11/75

CLIENT USG

PROSPECT COOK INLET

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No.	Code	REMARKS	FILE	SP. No.	Code	REMARKS
00		M1		750	760	M1	
01	710		SH TB	51			
02			CD 44 51 34 46 36 43	52	762		
03	712		MS 40	53			
04				54	764		
05	714			55			
06			LF F-50838	56	766		
07	716	NG		57			
08			FF F-50839 11:29:54	58			
09	718			59	768		
10				60			
11	720			61	770		
12				62			
13	722			63	772		
14	722			64			
15	724			65	774		
16				66			
17	726			67	776		
18				68			
19	728			69	778		
20				70			
21	730			71	780		LF 50840
22				72			FF 50841 11:40:04
23	732			73			
24				74	782		
25	734	M2		75		M2	
26				76	784		
27	736			77			
28				78	786		
29	738			79			
30				80	788		
31	740			81			
32				82	790		
33	742			83			
34				84	792		
35	744			85			
36				86	794		
37	746			87			
38				88	796		
39	748		LF 50839	89			
40			FF 50840 T-11:35:20	90	798		
41	750			91			
42				92			
43	752			93	800		
44	754			94			
45				95	802		
46	756			96			
47				97	804		
48	758			98			
49				99	806		

COMMENTS

Clark

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**WESTERN
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COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT Cook Inlet
LINE No. 757 DIR. OF SHOOTING NNE
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
800		M1		50		M1	
01	808		LF 50841	51	856		
02			FF 50842 11:47:06	52			
03	810		SH 028 °T	53	858		
04			CB 134 °R	54			
05	812		CD 47 51 32 44 37 42	55	860		
06			MC 40	56			
07	814			57	862		
08				58			
09	816			59	864		
10				60			
11	818			61	866		
12				62			
13	820			63	868		
14				64			
15	822			65			
16				66	870		LF 50843
17	824			67			LF 50843
18				68	872		FF 50844 12:00:12
19	826			69			
20				70	874		
21	828			71			
22				72	876		
23	830			73			
24				74	878		
25	832	M12		75		M12	
26				76	880		
27	834			77			
28				78			
29	836			79	882		
30				80			
31				81	884		
32	838			82			
33				83	886		
34	840			84			
35			LF 50842	85	888		
36	842		FF 50843 11:53:25	86			
37				87	890		
38	844			88			
39				89	892		
40	846			90			
41				91	894		
42	848			92			
43				93	896		
44	850			94			
45				95	898		
46	852			96			
47				97	900		
48				98			
49	854			99	902		LF 50844

COMMENTS

Clark

1. Start newsheet for each tape.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT Cock In lot
LINE NO. 757 DIR. OF SHOOTING NNE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
900			712:07:11 FF 50845	950	954		Depth 518 feet -
01	904			51			
02			SH034 °T	52	956		
03	906		CB 182 °R	953			
04			CD 4752 41543941	54	959		
05	908		MC 44	55			
06			SE 13 sec.	156	960		
07	910			57			
08				58	962		
09	912			59			
10				60	964		
11	914			61			
12				62	966		
13	916			63			LF 50846
14				64	968		T 12:21:10 FF 50847
15	918			65	970		
16				66			
17	920			67	972		
18				68			
19	922			69	974		
20				70			
921	924			71	976		
22				72			
23	926			73	978		
24				974			
925	928	m2	Depth 520 ft -	975	980		Depth 510 feet -
26				76			
27	930			77	982		
28				78			
29	932			79	984		
30				80			
31	934		LF 50845	81	986		
32			FF 50846 T 12:14:11	82			
33	936			83	988		
34				84			
35	938			85	990		
36				86			
V 937	940			87	992		
38				988	994		
39	942			89			
40				90	V		
41	944			91	996		
42				92	998		
43	946			93			
44	948			94	1000		
45				95			LF 50847
46	950			96	1002		T 12:28:00
47				97			
48	952			98	1004		
49				999			

COMMENTS

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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc)
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K= KICKS ACROSS RECORD

R. M

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT COOK Inlet
LINE NO. 757 DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00	1006	m1	Depth 507 feet —	050		m1	490 ft —
01				51	1058		
02	1008		SH 0200T	52			
03			TB 1800 R	53	1060		
04	1010		CP 44 45 38 52 38 45	54			
05			m 41	55	1062		
06	1012		SP 13 sec	56			
07				*57	1064		LF 50849
08	1014			58			FF 50850 T 12:40:34
09				59	1066		
10	1016			60			
11				61	1068		
12	1018			62			
13				63	1070		
14	1020			64			
15				*65	1072		
16	1022			66			
17	1024			67	1074		
18				68			
19	1026			69	1076		
20				70			
21	1028			71	1078		
22				72			
23	1030			*73	1080		
24				74			
25	1032	m2	485 ft —	75	1082	m2	490' —
26			LF 50848	76	1084		
27	1034		FF 50849 T 12:34:28	77			
28				78	1086		
29	1036			79			
30				80	1088		
31	1038			81			
32				82	1090		
*33	1040			83			
34				84	1092		
35	1042			85			
36				86	1094		
37	1044			87			
38				88	1096		
39	1046			89			LF 50850
40				*90	1098	DE	FF 50851 T 12:46:53
41	1048			91			
42				92	1100		
43	1050			93			
44				94			
45	1052			95	1102		
46				96			
47	1054			97	1104		
48				98			
49	1056			99	1106		

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R.M. + J.S.

**WESTERN
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PARTY No. 89

DATE 7-11-75

CLIENT USGS

PROSPECT COOR Tule

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1100		M1	495'	150		M1	508'
01	1108			51	1108		
02				52			
*03	1110		SH 0310T	53	1160		LF 50852
04			TB 1810R	54			FF 50853 T 12:59:15
05	1112		CO 44 49 40 50 38 42	55	1162		
06			MC 41	56			
07	1114			*57	1164		
08				58			
09	1116			59	1166		
10				60			
11	1118			61	1170		
12				62			
*13	1120			63	1172		
14				64			
15	1122			65	1174		
16				66			
17	1124			67	1176		
18				68			
19	1126			69	1178		
20				70			
21	1128			71	1180		
22			LF 50851	72			
23	1130		FF 50852 T 12:53:10	73			
24				74	1182		
25	1132	m2	500 FT -	75		m-2	505 FT -
26				76	1184		
27	1134			77			
28				78	1186		
29	1136			79			
30				80	1188		
31	1138			81			
32				82	1190		
33	1140			83			
34				84	1192		
35	1142			85			LF 80853
36				X86	1194	NG	FF 80854 T 13:05:13
37	1144			87			
38				88	1196		
39	1146			89			
40				90	1198		
41	1148			91			
42				92	1200		
43	1150			93			
44				94	1202		
*45	1152			95			
46				96	1204		
47	1154			97			
48				98	1206		
49	1156			99			

COMMENTS

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**WESTERN
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MARINE SEISMIC
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PARTY NO 89
CLIENT USGS
LINE NO. 757

DATE 7-11-75
PROSPECT COOK INLET
DIR. OF SHOOTING LINE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1200	1208	m-1	492' —	250		m-1	460' — FF 50856 T13:18:58
01				51	1262		
02	1210		SH 037°F	52			
03			TB 178°R	53	1264		
04	1212		CD 45 50, 31, 49, 38, 45	54			
05			MC 40	55	1266		
06	1214			56			
07	1216			57	1268		
08				58			
09	1218			59	1270		
10				60			
11	1220			61	1272		
12				62			
13	1222			63	1274		
14				64			
15	1224			65	1276		
16				66			
17	1226		LF 50854	67	1278		
18			FF 50855	68			
19	1228			69	1280		
20				70			
21	1230			71	1282		
22				72	1284		
23	1232			73			
24				74	1286		
25	1234	m-2	490' —	75		m-2	472' —
26	1236			76	1288		
27				77			
28	1238			78	1290		
29				79			
30	1240			80	1292	NK	
31				81			LF 50856
32	1242			82	1294		FF 50857 13:23:57
33				83			
34	1244			84	1296		
35				85			
36	1246			86	1298		
37				87			
38	1248			88	1300		
39				89			
40	1250			90	1302		
41				91	1303		
42	1252			92	1304		
43				93	1306		
44	1254			94			
45				95	1308		
46	1256			96			
47	1258			97	1310		
48				98			
49	1260		LF 50855	99	1312		

COMMENTS

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(14)

**WESTERN
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PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT COOKTULET
LINE No. 757 DIR. OF SHOOTING NNE
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300		M-1	440' —	350		M1	425' —
01	1314			51	1366		
02			34 038° TB 182°	52			
03	1316		CD 45 50 40 50 40 40	53	1368		
04			MS 40	54			
05	1318		S.I. 11 SEC	55	1370		
06				56			
07	1320			57	1372		
08	1322			58			
09				59	1374		
10	1324			60			
11				61	1376	1376A STR	
12	1326			62	1378		
13		SF	LF-50857	63			
14	1328	5F	LF 71 13:30.27	64	1380		
15			FF F-50858 71	65			
16	1330			66	1382		
17				67			
18	1332			68	1384		
19				69			
20	1334			70	1386		
21				71			
22	1336			72			
23		PE		73	1388		
24	1338			74			
25		M2	420' —	75	1390	M2	410 —
26	1340			76			
27				77	1392		
28	1342			78	1394	LF F-50859	
29				79		NG	
30	1344			80	1396	FF F-50860 13:42.30	
31				81			
32	1346			82	1398		
33				83			
34	1348			84	1400		
35	1350			85			
36				86	1402		
37	1352			87			
38				88	1404		
39	1354			89			
40				90			
41	1356			91	1406		
42				92			
43	1358			93	1408		
44				94			
45	1360			95	1410		
46			LF F-50858	96			
47	1362		FF F-50859 71 13:36.20	97	1412		
48				98			
49	1364			99	1414		

COMMENTS

"Dec"
CHS

1. Start newsheet for each tape.
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PARTY No 89

DATE 07/11/75

CLIENT USGS

PROSPECT COOK INLET

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1400		M1	395' -	450		M1	355' -
01	1476		SH 0340 TB 182°	51	1466		
02			CD 45 50 40 50 40 45	52			
03	1418		MS 40	53	1468		
04				54			
05	1420			55	1470		
06				56			
07	1422			57	1472		
08			FF F-50861	58	1474		
09	1424			59			
10			FF F-50861	60	1476		
11	1426		LF F-50860	61			
12			FF F-50861	62	1478		
13	1428		FF F-50861 13:48:00	63			
14				64	1480		
15				65			
16	1430			66	1482		
17				67			
18	1432			68	1484		
19				69			
20	1434			70	1486		
21				71			
22	1436			72	1488		
23				73			
24	1438			74	1490		
425		M2	385' -	475		M2	325' -
26	1440			76	1492		LF F-50862
27				77			FF F-50863 T. 13:59:10
28	1442			78	1494		
29				79			
30	1444			80	1496		
31				81			
32	1446			82	1498		
33	1448			83			
34				84	1500		
35	1450			85			
36				86	1502		
37	1452			87			
38				88			
39	1454			89	1504		
40				90			
41	1456			91	1506		
42				92			
43	1458			93	1508		
44			LF F-50861	94			
45	1460		FF F-50862 T. 13:53:34	95	1510		
46				96			
47	1462			97	1512		
48				98			
49	1464			99	1514		

COMMENTS

"Dee"
CHP

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MARINE SEISMIC
RECORDING LOG
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16 PARTY No 89

DATE 07/11/75

CLIENT USSS

PROSPECT COOK INLET

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO.

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1500		M1	300' —	550	1566	M1	250' —
01	1516		SH 032 OT	51			
02			CB 195 OK	52	1568		
03	1518		CD 47 52 42 55 38 44	53	1569		
04	1520		ML 42	54	1570		
05				55	1571		
06	1522			56	1572		
07				57			
08			LF 50863	58	1574		
09	1524		FF 50864 14:04:45	59			
10				60	1576		
X11	1526	NG		61			
12	1528			62	1578		
13				63			
14	1530			64	1580		
15				65			
16	1532			66	1582		
17				67			
18	1534			68	1584		
19				69			
20	1536			70	1586		
21				71			
22	1538			72	1588		LF 50865
23				73			FF 50866 14:15:48
24	1540			74	1590		
525		M2	270' —	575		M2	240' —
26	1542			76	1592		
27				77			
28	1544			78	1594		
29				79			
30	1546			80	1596		
31				81			
32	1548			82	1598		
33				83			
34	1550			84	1600		
35				85			
36	1552			86	1602		
37				87			
38	1554			88	1604		
39				89			
40	1556		LF 50864	90	1606		
41			FF 50865 14:10:17	91			
42	1558			92	1608		
43				93			
44	1560			94	1610		
45				95			
46	1562			96	1612		
47				97			
48	1564			98	1614		
49				99			

COMMENTS

Clark

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MARINE SEISMIC
RECORDING LOG
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PARTY No 89 DATE 07/11/75
CLIENT USGS PROSPECT Cook Inlet
LINE NO. 757 DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100	1616	M1	235'—	50	1664	M1	235'—
01			SH 031 0T	51			
02	1618		CB 185 0R	52	1666		
03			CD 46 50 42 54 38 44	53			
04	1620		ML 40	54	1668		
05			LF 50866	55			
06	1622		FF 50867 14:21:16	56	1670		
07				57			
08	1624			58	1672		
09				59			
10	1626			60	1674		
11				61			
12	1628			62	1676		
13				63			
14	1630			64	1678		
15				65			
16	1632			66	1680		
17				67			
18	1634			68	1682		LF 50868
19				69			
20				70			FF 50869 T 14:31:51
21	1636			71	1684		
22				72			
23	1638			73	1686		
24				74			
25	1640	M2	230'—	75		M2	235 feet—
26				76	1688		
27	1642			77			
28				78	1690		
29	1644			79			
30				80	1692		
31	1646			81			
32				82	1694		
33	1648			83			
34				84	1696		
35	1650			85			
36			LF 50867	86	1698		
37	1652		FF 50868 14:26:33	87			
38				88	1700		
39	1654			89			
40				90	1702		
41	1656			91			
42				92	1704		
43	1658			93			
44				94	1706		
45	1660			95			
46				96			
47				97	1708		
48	1662			98			
49				99	1710		

COMMENTS

Clark

R.M.

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MARINE SEISMIC
RECORDING LOG
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PARTY NO. 89 DATE 7-11-75
CLIENT USGS PROSPECT Creek Inlet
LINE NO. 757 DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		m1	235 ft	750	1760	m1	
01	1712		LF 50869	51			
02			FF 14:37:20 50870	52	1762		
03	1714			53			
04			SH 029°T	54	1764		
05	1716		TB 185°R	55			
06			LD 4750 4255 37 43	56	1766		
07	1718		M 40	57			
08			SE 105cc	58	1768		
09	1720			59			
10				60	1770		
11	1722			61			
12				62	1772		
13	1724			63			
14				64	1774		
15	1726			65			
16				66	1776		LF 50871
17	1728			67			T 14:48 45 FF 50872
18				68	1778		
19	1730			69			
20				70	1780		
21	1732			71			
22				72	1782		
23	1734			73			
24				74	1784		
25	1736	m2	240 ft	75	m2	Depth 250 ft.	
26				76	1786		
27	1738			77			
28				78	1788		
29	1740			79			
30				80	1790		
31	1742			81			
32				82	1792		
33	1744		LF 50870	83			
34				84	1794		
35			T 14:43:02 FF 50871	85			
36	1746			86	1796		
37				87			
38	1748			88	1798		
39				89			
40	1750			90	1800		
41				91			
42	1752			92	1802		
43				93			
44	1754			94	1804		
45				95			
46	1756			96	1806		
47				97			
48	1758			98	1808		LF 50872
49				99			FF 50873 T 14:54:30

COMMENTS

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5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS=MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K= KICKS ACROSS RECORD

P.M.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT USGS PROSPECT COOK Inlet
LINE NO. 757 DIR. OF SHOOTING NE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
1800	1810	m1	Depth 250 ft —	1850		m1	240' —
01			SH 0240f	1851	1860		
02	1812		76 1870R	52			
03			40 4552 42.55 3844	53	1860		
04	1814		13 38	54			
05				55	1864		
06	1816			56			
07				57	1866		
08	1818			58			
09				59	1868		
10	1820			60			
11				61	1870		
12	1822			62			LF 50874
13				63	1872		FF 50875 T 15:05:54
14	1824			64			
15				65	1874		
16	1826			66			
17				67			
18	1828			68	1876		
19				69			
20	1830			70	1878		
21				71			
22	1832			72	1880		
23				73			
24	1834			74	1882		
25		m2	247' —	75		m2	236' —
26	1836			76	1884		
27				77			
28	1838			78	1886		
29			LF 50873	79			
30	1840	NG	FF 50874 T 15:00:11	80	1888		
31				81	1890		
32	1842			82			
33				83	1892		
34	1844			84			
35				85	1894		
36	1846			86			
37				87	1896		
38	1848			88			
39				89	1898		
40				90			
41	1850			91	1900		
42				92			
43	1852			93	1902		
44				94			LF 50875
45	1854			95	1904		FF 50876 T 15:12:00
46				96			
47	1856			97	1906		
48				98			
49	1858			99	1908		

COMMENTS

(Handwritten signature/initials)

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE No. 757
REEL No. _____

DATE 7-11-75
PROSPECT Cook Inlet
DIR. OF SHOOTING NDE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
100		m1	225'	50	1960	m1	
01	1910			51			
02			SH 0210T	52	1962		
03	1912		TB 1870R	53			
04			CL 45 46 40 51 38 42	54	1964		
05	1914		m-39	55			
06				56	1966		
07	1916			57			
08				58	1968		LF 50877
09	1918			59			NG FF 50878 T 15:24:19
10				60	1970		FF 50878 15:24:30
11	1920			61			
12				62	1972		
13	1922			63			
14				64	1974		
15	1924			65			
16				66	1976		
17	1926			67			
18	1928			68	1978		
19				69			
20	1930			70	1980		
21				71			
22	1932			72	1982		
23				73			
24	1934			74	1984		
25		m2	240'	75			m2 Depth
26	1936		LF 50876	76	1986		
27			FF 50877 T 15:18:09	77			
28	1938			78	1988		
29				79			
30	1940			80	1990		
31				81			
32	1942			82	1992		
33				83			
34	1944			84	1994		
35				85			
36	1946			86	1996		
37				87			
38	1948			88	1998		
39				89			
40	1950			90	2000		
41				91		SF	LF 50878
42	1952			92	2002		1530:39 FF 50879
43				93			
44	1954			94	2004	ng	
45				95			
46	1956			96	2006		
47				97			
48	1958			98	2008		
49				99			

COMMENTS

Bill

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**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USGS
LINE NO. 757
REEL NO. _____

DATE 7-11-75
PROSPECT Cook Inlet
DIR. OF SHOOTING DIVE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2000	2010	m-1	200'—	50	2058	m-1	200'—
01				51			
02	2012			52	2060		
03			SH 018°T	53			
04	2014		T13 187°R	54	2062		
05			CD 45, 50, 41, 55, 38	55			LF 50880
06	2016		MC	56	2064	NG	FF 50881 T15 43:57
07				57			
08	2018			58	2066		FF 50881 T15 43:10
09				59			
10	2020			60	2068		
11				61			
12	2022			62			
13				63	2070		
14	2024			64			
15				65	2072		
16				66			
17	2026			67	2074		
18				68			
19	2028			69	2076		
20				70			
21	2030			71	2078		
22				72			
23	2032		LF 50879	73	2080		
24			FF 50880 15:38:01	74		NG	
25	2034	m-2	200'—	75	2082	M2	198'—
26				76			
27	2036			77			
28				78	2084		
29	2038			79			
30				80	2086	FEUA	502F
31	2040			81			
32				82	2088		
33	2042			83			
34				84	2090		
35	2044			85			
36				86	2092		
37	2046			87			LF 50881
38				88	2094	NG	
39	2048			89			FF 50882 18:48:56
40				90	2096		
41	2050			91			
42				92	2098		
43	2052			93			
44				94			
45	2054			95	2100		
46				96			
47	2056			97	2102		
48				98			
49				99			

COMMENTS

Don

1. Start new sheet for each tape.
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**WESTERN
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**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89 DATE 7-11-75
CLIENT USGS PROSPECT Cook Inlet
LINE NO. 757 DIR. OF SHOOTING NNE
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2100	2104	M1	200' —	150	2152		210 feet —
01			SA 018 07	51			LF 50883
02	2106		CB 135 0 R	52	2154		FF 50884 7 10:01:12
03			CD 44 51 42 55 38 43	53			
04	2108		MC 39	54	2156		
05				55			
06	2110			56			
07				57	2158		
08	2112			58			
09				59	2160		
10	2114			60			
11				61	2162		
12	2116			62			
13				63	2164		
14	2118			64			
15				65	2166		
16	2120			66			
17				67	2168		
18	2122			68			
19			LF 50882	69	2170		
20	2124		FF 50883 15:55:00	70			
21				71	2172		
22				72			
23	2126			73	2174		
24				74			
25	2128	M2	204' —	75	2176	M2	Depth 208' —
26				76			
27	2130			77	2178		
28				78			
29	2132			79			
30			FGA END	80	2180		
31	2134			81			
32				82	2182		
33	2136			83			
34				84	2184		LF 50884
35	2138			85		NG	FF 50885 16:01:02
36				86			
37	2140			87	2186		
38				88		NG	
39	2142			89	2188		
40				90			
41	2144			91	2190		
42				92			
43				93	2192		
44	2146			94			
45				95	2194		
46	2148			96			
47				97	2196		
48	2150			98			
49				99	2198	NG	

COMMENTS

Clark

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MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No 89
CLIENT USEC

DATE 7-11-75

PROSPECT Cock Inlet
DIR. OF SHOOTING NRE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
200		M1	225'	250	2248	M1	FF F-50887 T.16.21.58 210'
01	2200			51			
02			SH R 0150TB1850R	52	2250		
03	2202		CB	53			
04			CD 45-50 40 50 40 45	54	2252		
05	2204		MLC 40	55			
06				56	2254		
07	2206			57			
08				58	2256		
09	2208			59			
10				60	2258		
11				61			
12	2210			62	2260		
13				63			
14	2212			64	2262		
15				65			
16	2214			66	2264		
17			LF F-50885	67			
18	2216		FF-F50886 T.16.14.51	68	2266		
19		NG		69			
20	2218	NG		70	2268		
21				71			
22	2220			72	2270		
23				73			
24	2222			74	2272		
25		M2	205'	75		M2	210'
26	2224			76	2274		
27				77			
28	2226			78	2276		
29				79			
30	2228			80	2278		
31				81			LF F-50887
32	2230			82	2280		FF F-50888 T.16.29.32
33				83			
34	2232			84	2282		
35				85			
36	2234			86	2284		
37				87	2286		
38	2236			88	2288		
39				89			
40	2238			90	2290		
41				91			
42	2240			92	2292		Fill time: 5.0
43				93			
44	2242			94	2294		
45				95			
46	2244			96			
47				97	2296		
48	2246			98			
49			LF F-50886	99	2298		

COMMENTS

"Dec"
CHS

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**WESTERN
GEOPHYSICAL**
COMPANY OF AMERICA

**MARINE SEISMIC
RECORDING LOG**
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INFORMATION SHEET)

PARTY NO. 89

DATE 7-11-75

CLIENT USGS

PROSPECT Coolidge

LINE NO. 757

DIR. OF SHOOTING LINE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP. No.	Code	REMARKS	FILE	SP. No.	Code	REMARKS
2300		M1	2051-	350	2344	M1	1901-
01	2298			51			
02			SIT 020° T	52	2346		
03	2300		CB 187° R	53			
04			CD 46 52 43 47 39 47	54	2348		Fill time 2.4
05	2302		ML 39	55			
06				56	2350		
07	2304			57			
08				58	2352		
09	2306			59			
10				60	2354		
11	2308			61			
12	2310			62			
13	2312		LF 50888	63	2356		
14	2314		FF 50889 16:37:28	64			
15	2316			65	2358		
16	2318			66			
17				67	2360		
18	2320			68			
19				69	2362		
20	2322			70			
21				71	2364		
22	2324			72			
23				73	2366		
24				74			
25	2326	M2	2001-	75	2368	M2	2051-
26				76			
27	2328			77	2370		LF 50890
28				78			FF 50891 16:53:53
29	2330			79	2372		
30				80			
31	2332			81	2374		
32				82			
33	2334			83	2376		
34				84			
35	2336			85			
36				86	2378		
37	2338			87			
38				88	2380		
39	2340			89			
40				90	2382		
41	2342			91			
42				92	2384		
43	2344			93			
44				94	2386		
45			LF 50889	95			
46	2346		FF 50890 16:45:31	96	2388		
47				97			
48	2348			98	2390		
49				99			

COMMENTS

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MARINE SEISMIC
RECORDING LOG
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PARTY No. 89

DATE 7-11-75

CLIENT USGS

PROSPECT Cock Inlet

LINE No. 757

DIR. OF SHOOTING NNE

REEL No. _____

TAPE DECK ☐ Upper ☐ Lower

☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2100	2392	ml	185'	450	2440	ml	Depth 175 ft. —
01			517 016 07	51			
02	2394		CB 185 CR	52	2442		
03			CD 4652 4247 3843	53			
04	2396		MC 39	54	2444		
05				55			4 guns
06	2398			56	2446		
07				57			
08				58	2448		
09	2400		LF 50891	59			
10			T 17:02:38 FF 50892	60	2450		
11	2402			61			
12				62	2452		
13	2404			63			
14				64	2454		
15	2406			65		PE	
16				66	2456		
17	2408			67			
18				68	2458		
19	2410			69			
20				70	2460		
21	2412			71			
22				72	2462		
23	2414			73			LF 50893
24				74	2464		17:21:27 FF 50894
25	2416	ml	Depth 180 ft. —	75	2466	ml	Depth 175 ft. —
26				76			
27	2418			77	2468		
28				78			
29	2420			79	2470		
30				80			
31	2422			81	2472		
32				82			
33	2424			83	2474		
34				84			
35	2426			85	2476		
36				86			
37	2428			87	2478		
38				88			
39	2430			89	2480		
40				90			
41	2432		LF 50892	91	2482		
42			T 17:11:47 FF 50893	92		NG	
43				93	2484		
44	2434			94			
45				95	2486		
46	2436			96	2488		
47				97			
48	2438			98	2490		
49				99			

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R. M.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT 1156-S PROSPECT Cox Inlet
LINE NO. 757 DIR. OF SHOOTING NW
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2500	2492	m1	170' -	550	2558	m1	
01			214 013 OT	51			
02	2494		LB 185 OK	52			
03			C1 424842464043	53	2540		
04	2496		ML 38	54			
05			LF 50894	55	2542		
X 06	2498		FF 50895 T13:31:02	56			
07				57	2544		
208	2500			58			
09				59	2546		
10	2502			60			
11				61	2548		
12	2504		60 guns	62			
13				63	2550		
14	2506			64			
15				65	2552		
16	2508			566			
17				67	2554		
18				68			
19	2510			69	2556		
520				70	2558		LF 50890
21	2512			71			FF 50897 T17:50:56
22				72	2558		
23	2514			73			
24				74	2560		
25	2516	m2	171' -	75	m2	169' -	
26				76	2562		
27	2518			77			
28				78	2564		
29				79			
X 30	2520			580	2566		
31				81			
32	2522			82	2568		
33				83			
34	2524			84	2570		
35				85			
36	2526			86			
37			LF 50895	87	2572		
X 38	2528	NG	T13:37	88			
539	2528		FF 50896 T13:40:37	89	2574		
40	2530			90			
41				91	2576		
42	2530			592			
43				93	2578		
X 44	2530			94			
45				95	2580		
46	2534			96			
47				97	2582		
48	2536			98			
49				99			

COMMENTS

Bill

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**WESTERN
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COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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PARTY No 89
CLIENT USGS
LINE No. 757
REEL No. _____

DATE 7-11-77
PROSPECT COOK Inlet
DIR. OF SHOOTING NIVE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2600	2584	M-1		650	M-2		165'
01				51	2630		
02	2586		LF 50897	52			
03			FF 50898 T18:01:51	53	2632		
04	2588			54			
05			SH 015"	55			
06	2590		TB 185"	56	2634		
07			CD 45, 52, 45, 46, 40, 40	57			
08	2592		MC 39	58	2636		
09				59			
10				60			
11	2594			61	2638		
12				62			
13	2596			63	2640		
14				64			
15	2598			65	2642		
16				66			LF 50899
17				67	2644		FF 50900 T18:24:41
18	2600			68			
19				69			
20	2602			70	2646		
21				71			
22	2604			72	2648		
23				73			
24	2606			74	2650		
25		M-2		75		M-2	168'
26	2608	M-2	170'	76			
27				77	2652		
28				78			
29	2610			79	2654		
30				80			
31	2612			81	2656		
32				82			
33	2614			83	2658		
34			LF 50898	84			
35	2616		FF 50899 T18:13:01	85	2660		
36				86			
37				87	2662		1600 X2 RPM
38	2618			88			
39				89	2664		
40	2620			90			
41				91	2666		
42	2622			92			
43				93	2668		
44	2624			94			
45				95	2670		
46				96			
47	2626			97	2672		
48				98			LF 50900
49	2628			99	2672	NG	FF 50900

COMMENTS

Wan

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES
D= DUMMY FILE
M= MONITOR
NG= BAD FILE, DELETE
PE= MORE THAN 4 PARITY ERRORS
NTB= NO TIMEBREAK

MS= MISFIRE
N= NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF= RADIO INTERFERENCE
K= KICKS ACROSS RECORD

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-11-75
CLIENT USGS PROSPECT Cock 7 in 68
LINE NO. 757 DIR. OF SHOOTING N/A
REEL NO. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2700		M1	FF F-50901 T:18:36:27	750	2716	M1	165' -
01	2674		165' -	51			
02			SH 020° TB 185° R	52			
03	2676		CD 45 52 42 44 38 40	53	2718		
04			MS 30	54			
05	2678			55	2720		
06				56			
07	2678			57	2722		
08				58			
09	2680			59	2724		
10				60			
11				61			
12	2682			62	2726		
13				63			
14	2684			64	2728		LF F-50902
15				65			FF 50903 19:01:08
16	2686			66			
17				67	2730		
18	2688	NG		68			
19			1575 X2 RPM	69	2732		
20	2690			70			
21				71			
22				72	2734		
23	2692		ACU MAX'D OUT	73			
24				74	2736	PE	
25	2694	M2	165' -	75	2738	M2	165' -
26				76			
27	2696			77			
28				78			
29				79	2740		
30	2698			80			
31			LF F-50901	81	2742		
32	2700		FF F-50902 T:18:48:22	82			
33				83	2744		
34	2702			84			
35				85			
36	2704			86	2746		
37				87			
38				88	2748		
39	2706			89			
40				90			
41	2708			91	2750		
42				92			
43	2710			93	2752		
44				94			
45				95			LF 50903
46	2712			96	2754		FF 50904 19:13:54
47				97			
48	2714			98	2756		
49				99			

COMMENTS

"Dee"
CHJ

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89

DATE 07/11/75

CLIENT USGS

PROSPECT COOK INLET

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
2800		M1	1651 -	850		M2	Depth 165 ft -
01	2758			51	2800		
02			SH 0170T	52			
03	2760		CB 1940R	53	2802		
04			CD 35 54 44 45 30	54			
05			MC 40	55	2804		
06	2762			56			
07				57	2806		
08	2764			58			
09				59	2808		LF 50905
10	2766			60			T 19:39:24 FF 50906
11				61	2810		
12				62			
13	2768			63	2812		
14				64			
15	2770			65	2814		
16				66			
17	2772			67	2816		
18		NG		68			
19				69	2818		
20	2774			70			
21				71	2820		
22	2776			72			
23				73	2822		
24				74			
25	2778	M2	165' -	75	2824		164 ft -
26				76			
27	2780		LF 50904	77	2826		
28			FF 50905 19:26:40	78			
29				79	2828		
30	2782			80			
31				81	2830		
32	2784			82			
33			Four Guns	83	2832		
34				84			
35	2786			85	2834		
36				86			
37				87	2836		
38	2788			88			
39				89	2838		
40				90			
41	2790			91	2840		LF 50906
42				92			T 19:52:10 FF 50907
43	2792			93	2842		
44				94			
45	2794			95	2844		
46				96			
47	2796			97	2846		
48				98			
49	2798			99	2848		

COMMENTS

Clark

R.M.

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89 DATE 7-11-75
CLIENT USGS PROSPECT Cook Inlet
LINE No. 757 DIR. OF SHOOTING NNE
REEL No. _____ TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
00			158 ft	750		M1	175'
01	2850		SFO 16 OT	51	2898		
02			CB 184 OK	52			
03	2852		CD 47 51 42 45 38 44	53	2900		
04			HL 37	54			
05	2854			55	2902		LF 50908
06				56	2904		FF 50909 T 20:17:28
07	2856			57			
08				58	2906		
09	2858			59			
10				60	2908		
11	2860		6 guns	61			
12				62	2910		
13	2862			63			
14				64	2912		
15	2864			65			
16				66	2914		
17	2866			67			
18				68	2916		
19	2868			69			
20	2870			70	2918		
21				71			
22	2872			72	2920		
23			LF 50907	73			
24	2874		FF 50908 T 20:04:40	74	2922		
25		m2	170'	75			
26	2876			76	2924	M2	175'
27				77	2926		
28	2878			78			
29				79	2928		
30	2880			80			
31			Navigation lost one	81	2930		
32			somewhere	82			
33	2882			83	2932		
34				84			
35	2882			85	2934		
36				86			
37	2884			87	2936		LF 50909
38				88			FF 50910 T 20:30:15
39	2886			89	2938		
40				90			
41	2888			91	2940		
42				92			
43	2890			93	2942		
44				94			
45	2892			95	2944		
46				96			
47	2894			97	2946		
48				98			
49	2896			99	2948		

COMMENTS

Red

Don

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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6. Insert 100's Digit first and last file

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No 89 DATE 7-11-75
CLIENT 4565 PROSPECT COOR Intert
LINE NO. 757 DIR. OF SHOOTING Intert
REEL NO. TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
300		M-1	173' —	50	3000	M-1	175' —
01	2950		SH 018°T	51			LF 50911
02			TB 184°R	52	3002		FF 50912 20:54:58
03	2952		CD 44,53,42,47,36,38	53			
04			MC 38	54	3004		
05	2954			55			
06				56	3006		
07	2956			57			
08				58	3008		
09	2958			59			
10				60	3010		
11	2960			61			
12				62	3012		
13	2962			63			
14				64			
15	2964			65	3014		
16				66			
17	2966			67	3016		
18				68			
19	2968		LF 50910	69	3018		
20			FF 50911 20:43:57	70			
21	2970			71	3020		
22	2972			72			
23				73	3022		
24	2974			74			
25		M-2		75	3024	M-2	173' —
26	2976			76			
27				77	3026		
28	2978			78			
29				79	3028		
30	2980			80			
31				81	3030		
32	2982			82			
33				83	3032		LF F-50912 1
34	2984			84			FF F-50913 T:21:06:40
35				85	3034		
36	2986			86			
37				87	3036		
38	2988			88			
39				89	3038		
40	2990			90	3040		
41				91			
42	2992			92	3042		
43				93			
44	2994			94	3044		
45				95			
46	2996			96	3046		
47				97			
48	2998			98	3048		
49				99			

COMMENTS

Don

*"Dee"
CH*

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 257
REEL NO. _____

DATE 7-11-75
PROSPECT COOK INLET
DIR. OF SHOOTING WAVE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP. No	Code	REMARKS	FILE	SP. No	Code	REMARKS
00	3050	M1	175'	150		M1	170'
01			SA 018° T 13 183° R	51	3118		
02	3052		CD 47 51 42 48 38 42	52			
03	3054		MS 40	53	3110		
04				54	3112		
05	3056			55			
06				56	3114		
07	3058			57			
08	3060			58	3116		
09				59			
10	3062			60	3118		
11				61			
12	3064			62	3120		
13	3066			63	3122		
14				64			
15	3068		LF F-50913	65	3124		
16			FF F-50914 T: 21:18:09	66			
17	3070			67	3126		
18				68			
19	3072		4 GUNS	69	3128		
20	3074			70			
21				71	3130		
22	3076			72	3132		
23				73			
24	3078			74	3134		
25	3080	M2	6 GUNS 175'	75		M2	170'
26				76	3136		
27	3082			77			
28				78	3138		
29	3084			79			LF 50915
30				80	3140		FF 50916 21:38:30
31	3086			81	3142	AKF	
32				82			
33	3088			83	3144		
34				84			
35	3090			85	3146	FGVA SRT	
36	3092			86			
37				87	3148		
38	3094			88			
39				89	3150		
40	3096			90			
41				91	3152		
42	3098			92			
43				93	3154		
44	3100			94			
45				95	3156		
46	3102			96	3158		
47			LF-50914	97			
48	3104		FF F-50915 T: 21:28:58	98			
49	3106			99	3160		

COMMENTS

"Dee"
CHS CS

1. Start newsheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
(LINE MUST BE PRECEDED
BY MARINE SEISMIC LINE
INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 757
REEL NO. _____

DATE 07/11/75
PROSPECT COOK INLET
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
3200				250			
01	3162	M1	1651	51			SP: 3210 1651
02			51H 020° T	52	3212		
03	3164		CB 183° R	53			
04			CD 46 52 44 46 37 44	54	3214		
05	3166		MC 40	55			
06				56	3216		
07	3168			57			
08				58	3218		
09	3170			59	3220		
10	3172			60			
11			LF 50916	61	3222		
X 12		P6		62			
13	3174		FF 50917 21:47:26	63	3224		
14				64			
15	3176			65	3226		
16				66			
17	3178			67	3228		
18				68			
19	3180			69	3230		
20				70			
21	3182			71	3232		
22				72			
23	3184			73	3234		
24				74			
225	3186	M2	1651	275	3236	M-2	1651
26				76			
27	3188			77	3238		
28				78	3240		LF 50918
29	3190			79			FF 50919 22:04:45
30				80	3242		
31	3192			81			
32		PG-A	END	82	3244		
33	3194			83			
34				X 84	3246	NG	RECORDED
35	3196			85			
36				86	3248		
37	3198			87			
38				88	3250		
39	3200			89			
40				90	3252		
41	3202			91			
42				92	3254		
43	3204			93			
44			LF 50917	94	3256		
X 45		N6		95	3258		
X 46	3206	N6		96			
47			FF 50918 21:56:20	97	3260		
48	3208			98			
49				99	3262		

COMMENTS

Clarke

Paul W.

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**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

MARINE SEISMIC
RECORDING LOG
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INFORMATION SHEET)

PARTY No 89

DATE 7-11-75

CLIENT USGS

PROSPECT Cock Inlet

LINE NO. 757

DIR. OF SHOOTING NNE

REEL NO. _____

TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Code	REMARKS	FILE	SP No	Code	REMARKS
3300		171	170'	350	3314	171	170'
01	3264		SH 026°T	51			
02			TR 182°R	52	3316		
03	3266		CD 45.50.42, 46.36.40	53			
04			MD 45	54	3318		
05	3268			55			
06				56	3330	+	
07	3270			57	3332	+	
08				58			
09	3272			59	3324		
10			L750919	60			
11	3274	NG	7750920	61	3326		
12			7750920 T: 22:13:06	62			
13	3276			63	3328		
14				64			
15	3278			65	3330		
16				66			
17	3280			67	3332	+	
18				68	3334	+	
19	3282			69			
20				70	3336		
21	3284			71			
22				72	3338		
23	3286			73			
24				74	3340		L750921
25	3288		170'	75			7750922 T: 22:18:14 ✓ 75'
26	3290			76	3342		
27				77			
28	3292			78	3344		
29				79			
30	3294			80	3346		
31				81			
32	3296			82	3348		
33				83			
34	3298			84	3350		
35				85			
36	3300			86	3352		
37		NG		87			
38	3302			88	3354		
39				89			
40	3304			90	3356	+	
41				91	3358	+	
42	3306		L750920	92			
43			7750921 T: 22:20:38	93	3360		
44	3308			94			
45				95	3362		
46	3310			96			
47				97	3364		
48	3312			98			
49				99	3366		

COMMENTS

1. Start newsheet for each tape.
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Paul W.

**WESTERN
GEOPHYSICAL
COMPANY OF AMERICA**

**MARINE SEISMIC
RECORDING LOG**
(LINE MUST BE PRECEDED
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INFORMATION SHEET)

PARTY No. 89
CLIENT USGS
LINE NO. 757
REEL NO. _____

DATE 7-11-75
PROSPECT COOK TOWER
DIR. OF SHOOTING NNE
TAPE DECK ☐ Upper ☐ Lower
☐ Left ☐ Right

FILE	SP No	Page	REMARKS	FILE	SP No	Page	REMARKS
400		11-1	180'	750	3420	11-1	185'
01	3368		SH 6247 TR 180' R	51			
02			CD 45, 52, 40, 46, 36, 42	52	3422		
03	3370		MD 45	53			
04	3372			54	3424		
05	X			55			
06	3374		L7 50922	56	3426		
07			77 5923 Ti 22:35:42	57			
08	3376			58	3428		
09				59			
10	3378			60	3430		
11				61			
12	3380			62	3432		
13				63			
14	3382			64	3434		
15				65			
16	3384			66	3436		
17				67			
18	3386			68	3438		
19				69			
20	3388			70	3440		L7 50924
21	3390			71			77 50925 22:50:16
22				72	3442		
23	3392			X73		PE	
24				74	3444		
425	3394	11-2	185'	475		11-2	180'
26				76	3446		
27	3396			77	3448		
28				78			
29	3398			79	3450		
30				80			
31	3400			✓81	3452		
32				82			
33	3402			83	3454		
34				84			
35	3404			85	3456		
36				86			
37	3406			87	3458		
38			L7 50923	88	3460		
39	3408		77 50924 Ti 22:43:10	89	3462		↑ Ti 22:54:14 ↑
X40				90			
41	3410			91			
42				92			
43	3412			93			
44	3414			94			
45				95			
46	3416			96			
47				97			
48	3418			98			
49				99			

COMMENTS

3488 Have
3461 need
-27 ✓

92 -
65 +
-27 ✓

Paul W.

1. Start new sheet for each tape.
2. Cable and water depth should be noted every tenth shotpoint.
3. Time will be noted at start, end & each half hour.
4. Change in Leadin MUST be noted.
5. Note number of guns. (Aquapulse)
6. Insert 100's Digit first and last file

QUALITY CONTROL CODES

D=DUMMY FILE
M=MONITOR
NG=BAD FILE, DELETE
PE=MORE THAN 4 PARITY ERRORS
NTB=NO TIMEBREAK

MS=MISFIRE

N=NOISE INTERFERENCE. Note
Type in remarks column (Ship, etc.)
RF=RADIO INTERFERENCE
K=KICKS ACROSS RECORD

CLIENT

CLIENT

SAMPLE RATE

1

RECORD LENGTH

RD LE

CREW

AREA

LINE NUMBER	
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ANALYST

RC

[illegible]

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PROCESS
FELDT REEL	50817	0561	UN
		36201	10
		19205	070
16 JUL 28 P.B.		06714	UNIP
RESTART	50840	09406	
		34242	
30 JUL 28		35286	
	50925	08028	
		1691	
4 JUL 28		16316	
		10613	
04 JUL 28		08578	
20		08578	08578
		06853	
JUL 28		37310	
24 JUL 28		00477	
		33128	
24 JUL 28		6307	
		0407	
MACHINE CODE			
704			

TIME AND OPERATOR	INPUT REEL	OUTPUT REEL	PRO- CESS
2 ⁴⁷ JUL 28 17 ^L 80 JUL 30 ^{PC} M		0396	
		27532	
		35847	
		22352	
		21801	
		27775	
		27667	
		24718	
		35527	
		17456	
		32179	
		25454	
		0544	S-T
		33364	↓
	27666		
		704	
		SEC	
MACHINE CODE			

FORM 10 1520
REV. 8/74

Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

FORM 10-1
REV. 8/74

Petty-Ray Geophysical, Inc.
A Subsidiary of Geosource International Incorporated

DEAD REC = 423	421-438	22424	22425
DEAD REC = 400	320-420	32128	120-2010
DEAD REC = 341	502-352	1021	102-2010
WILM REC = 515, 516	685-504	32252	515-2010
DEAD REC = 081	000-081		
DEAD REC = 082	000-082		
DEAD REC = 083	000-083		
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