Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED DEC 6 1957 DMEA

Month of June, 1957 Docket No. DMEA 4710 Contract No. 10690
Operator's Name Southeastern Mining & Exploration Co., Inc. Minerals Uranium
Address P. O. Box 1121, Juneau, Alaska Columbium & Rare Earths
Contract Amount, $24,000.00 Government Participation: 75 % Amount, $18,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$5,656	None	$5,656	5,656.00	—	5,656.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5,656	—	5,656	5,656.00	—	5,656.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Aug 6 1957 *Payee Southeastern Mining & Exploration Co

Per R. Boucher Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4242.00

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/2/57 Vou. No. 2079

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1090 in accordance with the terms of the contract.

Signature /s/ Edward W. Parsons Title Mining Engr. Date 11-22-57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Nov. 25, 1957

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Budget Bureau No. 42-R151
Approval expires 6-30-53.

RECEIVED
DEC 9 1957
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195 7 Docket No. DMEA 4710 Contract No. [illegible]-90
Operator's Name Southeastern Mining & Exploration Co., Inc. Minerals Uranium, Columbium & Rare Earth
Address P. O. Box 1121, Juneau, Alaska

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Ft.	$5,656	404	$5,656	404	$5,656	1500	[illegible]
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$5,656	404	$5,656				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								$24,000.00
Total Costs		$5,656	404	$5,656				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec 6, 1957 Operator Southeastern Mining & Exploration, ~~Co., Inc.~~

Per R. Bowler Title Secretary

Remarks: Hole #2 was completed to a depth of 251 ft. and hole #1 to a depth of 153 ft. at locations indicated on maps submitted with Application. Assays to be made upon completion of project in accordance with instructions of DMEA officials.

→ NOTE.—Title 18, U. S. Code (Criminal), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Edward W. Parsons

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RECEIVED DEC 9 1957
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S NARRATIVE REPORT

Month of June, 1957 Docket No. DMEA 4710 ~~Contract No. 10-90~~

Operator's Name: Southeastern Mining & Exploration Co., Inc. Minerals Uranium
Address: P. O. Box 1121, Juneau, Alaska Columbium & Rare Earths

Contract Amount $24,000.00 Government Participation: 75% Amount, $

On June 10, 1957 supplies and equipment were assembled for this job. They were moved to the job site by means of barge and helicopter. The equipment was delivered to the job site on June 15, 1957, by which time the camp was set up. The drill was assembled on June 16 and June 17, on which latter date drilling was commenced. Hole designated No. 2, as indicated on the attached map, was the first one drilled. Drilling of this hole was completed on June 26, 1957 and on the following day the drill was moved to the location designated as Hole No. 1 on the attached map. 153 feet of this hole was completed by the end of June 30, 1957. Attached hereto are copies of the drillers' logs for this period.

DATED at Juneau, Alaska, this 15th day of November, 1957.

SOUTHEASTERN MINING & EXPLORATION CO.,INC.

By R. Boochever
R. Boochever, Secretary

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SPOKANE, WASH

DATE INITIALS CODE
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DMEV
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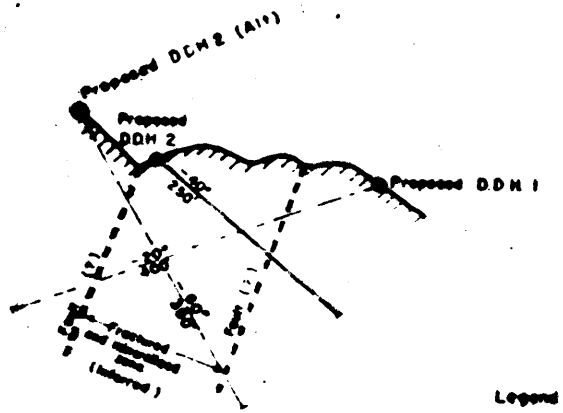
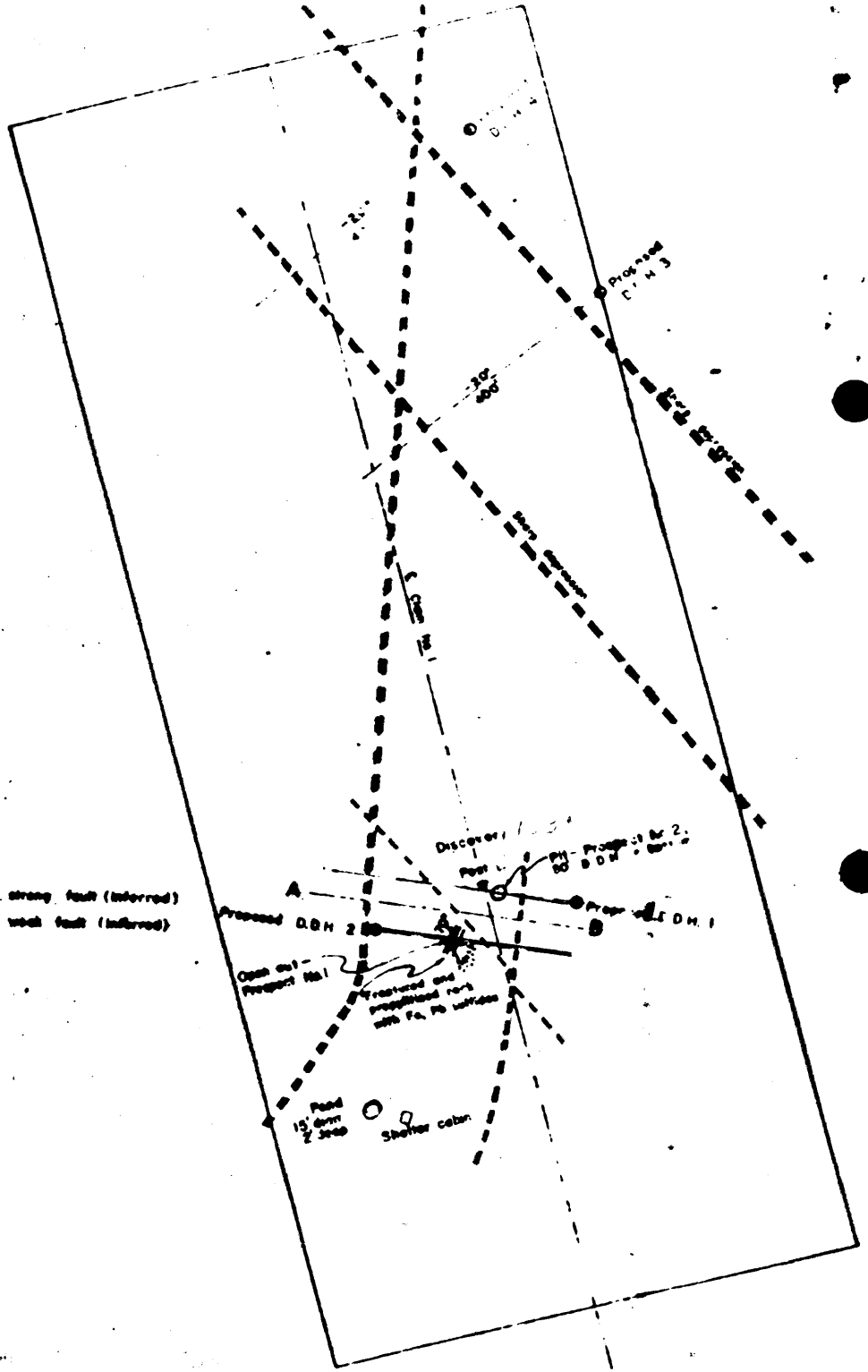


Section A — B

Legend

- - - Surface trace of strong fault (Inferred)
- - - Surface trace of weak fault (Inferred)



Sketch-Figure-2
Lucky Six Claim No. 1
Showing
Prospect Working and Proposed Diamond Drill Holes

Scale of Feet
0 100 200 300 400

DMEA-4710

Red indicate drilling performed in June, 1951

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date [illegible]
Hole No. Location
Depth at end of shift - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Weather Bad - able to fly in camp gear only

Kelman
Operator.

Time Slip

Date 6-13 Shift Day Hole No.
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift Day Date 6-12
Hole No. Location
Depth at end of shift - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Moved Barge to W. H. Bay.

Kelman
Operator.

Time Slip

Date 6-12 Shift Day Hole No.
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. 50-10
Shift Day Date 6-11-57
Hole No. Location
Depth at end of shift - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Loaded Barge to go to job

Kelman
Operator.

Time Slip

Date 6-11 Shift Day Hole No.
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. [illegible]
Shift Day Date 6-10-57
Hole No. Location
Depth at end of shift - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Assembling Supplies & Equipment for job

Kelman
Operator.

Time Slip

Date 6-10 Shift DAY Hole No.
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job: W.H. Bay No. 3-2
Shift: Day Date: 6-2-57
Hole No.: 2 Location: DX HX

Depth at end of shift	10	16 feet
Depth at beginning of shift	0	10 feet
Distance drilled	10	6 feet
Amount of core recovered	4	6 feet
Distance reamed for casing		feet
HX Casing put in	10	feet
Standpipe put in		feet
Cemented		feet
Drilled Cement		feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 4 Hrs finishing set up. Test water - get sanded in. 1 Hr. digging it out. - Broke valve on Drill motor.

Kolman
Operator.

Time Slip

Date 6-2 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	3	
3	1	
5	4	

2SM 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job: W.H. Bay No. 3
Shift: Day Date: 6-16
Hole No.: 2 Location:

Depth at end of shift	feet
Depth at beginning of shift	feet
Distance drilled	feet
Amount of core recovered	feet
Distance reamed for casing	feet
Casing put in	feet
Standpipe put in	feet
Cemented	feet
Drilled Cement	feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Assembled drill. Started set up - Drilled 2 dead men

Kolman
Operator.

Time Slip

Date 6-16 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
4	8	

2SM 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job: No.
Shift: Date:
Hole No.: Location:

Depth at end of shift	feet
Depth at beginning of shift	feet
Distance drilled	feet
Amount of core recovered	feet
Distance reamed for casing	feet
Casing put in	feet
Standpipe put in	feet
Cemented	feet
Drilled Cement	feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Finished camp - Helicopter finished bringing up drill + Equipment

Kolman
Operator.

Time Slip

Date 6-15 Shift Day Hole No.
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
	8	

2SM 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job: No.
Shift: Date:
Hole No.: Location:

Depth at end of shift	feet
Depth at beginning of shift	feet
Distance drilled	feet
Amount of core recovered	feet
Distance reamed for casing	feet
Casing put in	feet
Standpipe put in	feet
Cemented	feet
Drilled Cement	feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Set up Camp. Still can't drill

Kolman
Operator.

Time Slip

Date Shift Day Hole No.
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
	8	

2M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. 5-3
Shift Day Date 6-[illegible]-57
Hole No. 2 Location
Depth at end of shift - - - - 194 feet
Depth at beginning of shift - - 136 feet
Distance drilled - - - - - 58 feet
Amount of core recovered - - 53 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Machine ran all day

Kolman
Operator.

2M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job Lake Bay No. 5-3
Shift Day Date 6-20-57
Hole No. 2 Location
Depth at end of shift - - - - 136 feet
Depth at beginning of shift - - 109 feet
Distance drilled - - - - - 27 feet
Amount of core recovered - - 25 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 4 Hrs replacing 2 Valves

Kolman
Operator.

2M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift Day Date [illegible]
Hole No. 2 Location
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - - [illegible] feet
Distance drilled - - - - - 48 feet
Amount of core recovered - - 45 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Broke another valve on drill - 2 Hrs

Kolman
Operator.

2M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible]
Shift [illegible]
Hole No. [illegible] Location
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - - [illegible] feet
Distance drilled - - - - - [illegible] feet
Amount of core recovered - - [illegible] feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: [illegible] Hole [illegible] to [illegible] Bank - 3 hrs [illegible] hose

Kolman
Operator.

Time Slip

Date 6-21 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	8	

Time Slip

Date 6-20 Shift Day Hole No. 2
Driller Kolman
Helper

CHARGE NO.	HRS.	COMMENTS
3	4	
1	4	

Time Slip

Date 6-19 Shift Day Hole No. 2
Driller
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
3	2	
1	6	

Time Slip

Date 6-18 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	3	
1	5	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job No
Shift Date
Hole No Location
Depth at end of shift feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Beautiful day — No sign at plane.

Kolman
Operator.

Time Slip

Date 6-25 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
3	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job No
Shift Date
Hole No Location
Depth at end of shift 241 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Bad weather — Plane tried to get out with part but couldn't make it.

Kolman
Operator.

Time Slip

Date 6-24 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
3	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job No
Shift Date
Hole No 2 Location
Depth at end of shift 244 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Tore down motor — Valve spring seat was broken — No spare — Sent word to town for replacement.

Kolman
Operator.

Time Slip

Date 5-26 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
3	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job No
Shift Date
Hole No Location
Depth at end of shift 244 feet
Depth at beginning of shift 194 feet
Distance drilled 50 feet
Amount of core recovered 46 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Valve went out on last run.

Kolman
Operator.

Time Slip

Date 6-22 Shift Day Hole No. 2
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W H Day No.
Shift Day Date 6-25
Hole No. 1 Location
Depth at end of shift 101 feet
Depth at beginning of shift 18 feet
Distance drilled 83 feet
Amount of core recovered 75 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Hard up for water - Snow going East - Switching pump from hole to hole -

Kelman
Operator.

Time Slip

Date 6-29 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W H Day No. 50-10
Shift Day Date 6-5-57
Hole No. 1 Location BX AX
Depth at end of shift 12 18 feet
Depth at beginning of shift 0 12 feet
Distance drilled 12 6 feet
Amount of core recovered 4 3 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL
0	7	7	over burden
7	15	8	Soft - Rotten -
15	18	3	Rock getting Better - will core.

REMARKS: 6 Hrs. Finishing Set up -

Kelman
Operator.

Time Slip

Date 6-28 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	4	
5	6	
	10	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W H Day No.
Shift Day Date
Hole No. 1 Location
Depth at end of shift feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Moved + Started Set up -

Drilled + Cemented 2 dead men.

Kelman
Operator.

Time Slip

Date 6-27 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	10	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job
Shift
Hole No. Location
Depth at end of shift feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Plane Came out. 1 Hr on drill motor 1 Hr. Drilling 6 Hrs. Tearing down and moving

Kelman
Operator.

Time Slip

Date 6-26 Shift Day Hole No. 2
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
1	1	
3	1	
5	6	

Bovles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]

Shift Day Date 6-30-57

Hole No. 1 Location

Depth at end of shift - - - - 153 feet

Depth at beginning of shift - - 101 feet

Distance drilled - - - - - 52 feet

Amount of core recovered - - 49 feet

Distance reamed for casing - - feet

Casing put in - - feet

Standpipe put in - feet

Cemented - - - - - - - - feet

Drilled Cement - - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Water situation getting desperate -

Kolman

Operator.

Time Slip

Date 6-30 Shift Day Hole No. 1

Driller Kolman

Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

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Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED DEC 9 1957 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 7 1957 4710 10-90

Operator's Name Southeastern Mining & Exploration Co., Inc. Contract No. Uranium

Address P.O. Box 1121, Juneau, Alaska Columbium & rare earths

Contract Amount, $ $24,000 Government Participation: 75 % Amount, $ 18,000

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	$7182	$5656	$12,838	7182.00	5,656.00	12,838.00
Drilling						
Bulldozing						
Crosscutting						
Drifting	$ 135	none	135	135.00	—	135.00
Reaming, comenting & casing						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$7317	$5656	$12,973	7317.00	5,656.00	12,973.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Aug. 30, 1957 *Payee Southeastern Mining & E. Co., Inc.

Per [signature] Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 5487.75

Signature [signature] (Authorized Certifying Officer)

Date 12/2/57 Vou. No. 2079

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1090 in accordance with the terms of the contract.

Signature /s/ Edward W. Parsons Title Mining Engr. Date Nov. 22, 57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Nov. 25, 1957

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED DEC 9 1957 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1957 Docket No. DMEA 4710 Contract No. 10-90

Operator's Name Southeastern Mining & Exploration Co., Inc Minerals Uranium columbium & rare earths

Address P. O. Box 1121, Juneau, Alaska

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	$7182.	513	$12,838	917	$14	1500	@$14
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
* casing	ft.	$81	27	$81	27	$3	500	@$3
* cementing	ft.	$45	15	$45	15	$3		
Total Distributed Costs		$7308	555	$12,964	959			Total Costs Authorized by Contract
Operating Equipment Purchased								$24,000
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
*Reaming		$9	3	$9	3	$9	500	$3
Total Costs		$7317	558	$12,973				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Aug. 30, 57 Operator Southeastern Mining & Exploration Co., Inc.

Per [signature] Title Secretary

*Reaming, casing & cementing total authorization is 500 units @$3.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Remarks: Hole #1 completed to 405Ft. Hole #3 drilled to 261 ft. at locations indicated on maps submitted with application Dificulties encountered due to unprecidented dry summer. Assays to be made on completion of project in accordance with instructions of DMEA officials.

(For Government use only)

/s/ Edward W. Parsons

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S NARRATIVE REPORT

Month of July, 1957 Docket No. DMEA 4710 Contract No. 10-90

Operator's Name: Southeastern Mining & Exploration Co., Inc. Minerals Uranium
Address: P. O. Box 1121, Juneau, Alaska Columbium & Rare Earths

Contract Amount $24,000.00 Government Participation: 75%

Drilling continued on Hole No. 1 commencing at a depth of 153 feet. Various problems concerning water were encountered and further difficulties due to bears chewing up water hose complicated this problem. At a depth of 311 feet the hole apparently intersected a fault zone. Difficulty was encountered with the hole caving in. On July 7 the hole started to clean up after penetrating this fault zone at a depth of between 355 feet and 388 feet. The hole was completed on July 8 to a depth of 405 feet. The drill was then moved to commence the drilling of Hole No. 3 as per the attached map. On July 10 the set-up for Hole No. 3 was completed. On July 13 it was found necessary to cement the casing. Material was very broken in the early stages of this hole. Serious water problems were encountered due to an unprecedented dry summer. Additional hosing and pump had to be flown to the site. On July 29 a very broken area was encountered and caving was very bad. By July 31, 1957 261 feet had been completed of this hole. Attached hereto are copies of the drillers' logs indicating the drilling completed.

DATED at Juneau, Alaska, this 15th day of November, 1957.

SOUTHEASTERN MINING & EXPLORATION CO., INC.

By R. Boochever
R. Boochever, Secretary

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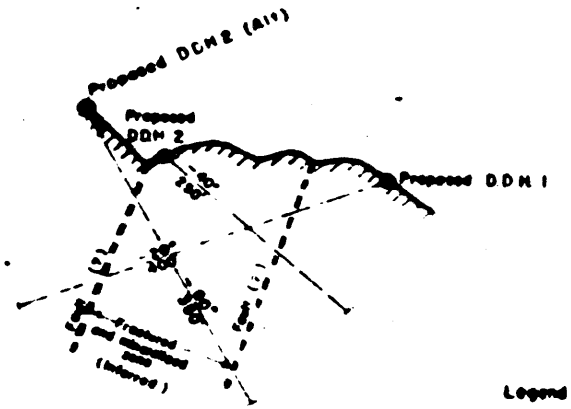
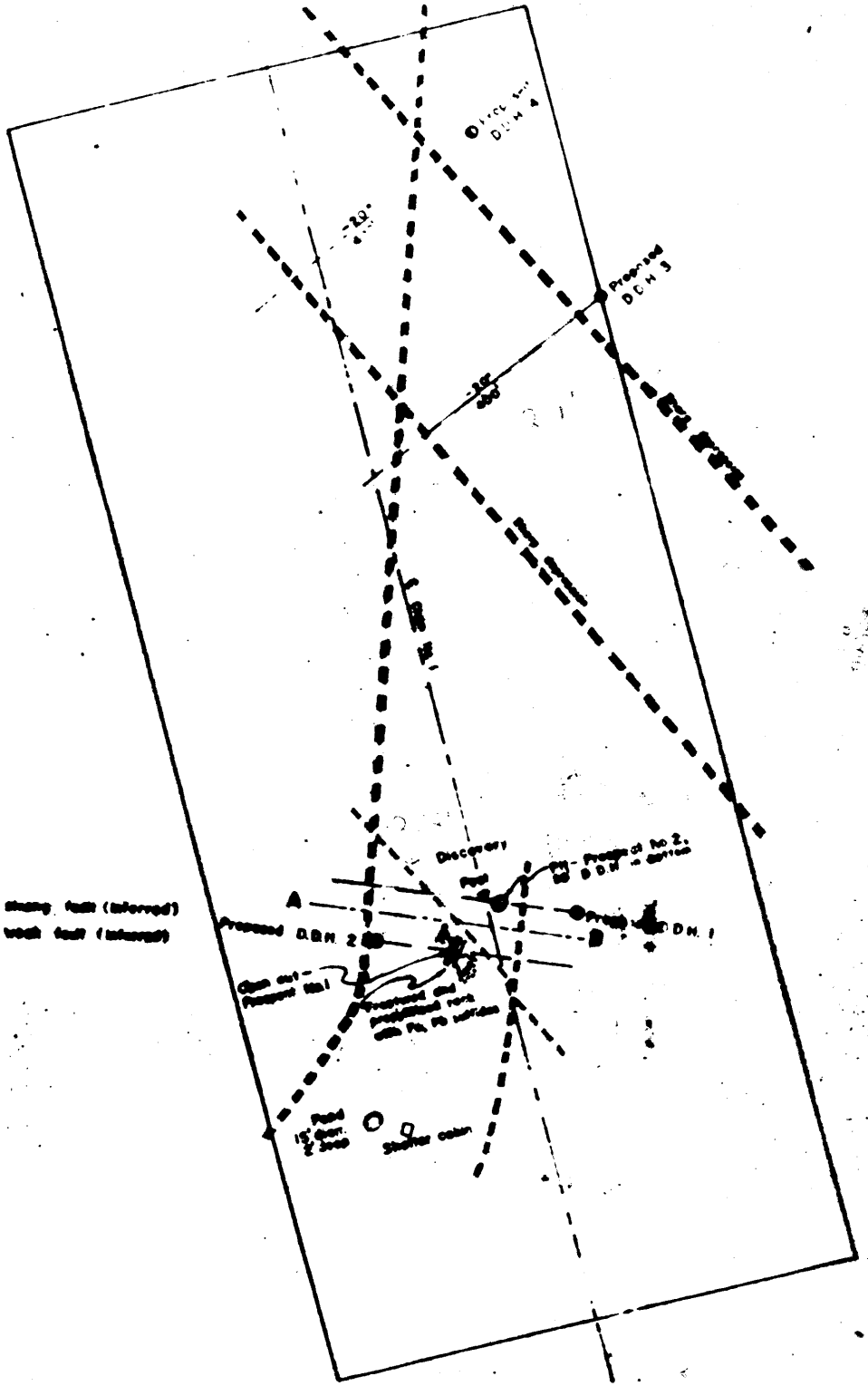


Section A — B

Legend

- - - Surface trace of strong fault (inferred)
- -.- Surface trace of weak fault (inferred)



Sketch-Figure-2
Lucky Six Claim No. 1
Showing
Prospect Working and Proposed
Diamond Drill Holes

Scale of Feet
0 100 200 300 400

Red indicates drilling performed in July. 1957.

DMEA-4710

20M 3 57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. [illegible]

Shift Day Date 7-1-57

Hole No. 1 Location

Depth at end of shift - - - - 200 feet

Depth at beginning of shift - - 153 feet

Distance drilled - - - - - 47 feet

Amount of core recovered - - 42 feet

Distance reamed for casing - - feet

Casing put in - - feet

Standpipe put in - feet

Cemented - - - - - - - feet

Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 2 Hrs replacing valve —

Ran out of water

Kelman

Operator.

Time Slip

Date 7-1 Shift Day Hole No. 1

Driller Kelman

Helper "

CHARGE NO.	HRS.	COMMENTS
3	2	
1	6	

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. [illegible]

Shift Day Date 7-2-[illegible]

Hole No. 1 Location

Depth at end of shift - - - - 230 feet

Depth at beginning of shift - - 200 feet

Distance drilled - - - - - 30 feet

Amount of core recovered - - 27 feet

Distance reamed for casing - - feet

Casing put in - - feet

Standpipe put in - feet

Cemented - - - - - - - feet

Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 2 Hrs Stringing hose —

2 Hrs on another Valve

Ran into 2 Bears within 20 Minutes — Bear chewed up hose.

Kelman

Operator.

Time Slip

Date 7-2 Shift Day Hole No. 1

Driller Kelman

Helper "

CHARGE NO.	HRS.	COMMENTS
5	2	
3	2	
1	4	

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. 57

Shift Day Date 7-3-57

Hole No. 1 Location

Depth at end of shift - - - - 271 feet

Depth at beginning of shift - - 230 feet

Distance drilled - - - - - 41 feet

Amount of core recovered - - 38 feet

Distance reamed for casing - - feet

Casing put in - - feet

Standpipe put in - feet

Cemented - - - - - - - feet

Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Over Valve — 1 Hr.

Kelman

Operator.

Time Slip

Date 7-3 Shift Day Hole No. 1

Driller Kelman

Helper "

CHARGE NO.	HRS.	COMMENTS
3	1	
1	7	

25M 3 57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. 52-10
Shift Day Date 7-2-57
Hole No. 1 Location

Depth at end of shift	388	feet
Depth at beginning of shift	355	feet
Distance drilled	33	feet
Amount of core recovered	30	feet
Distance reamed for casing		feet
Casing put in		feet
Standpipe put in		feet
Cemented		feet
Drilled Cement		feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 1 valve — 1 Hr.
Hole starting to
clean up —

Kelman
Operator.

Time Slip

Date 7-7 Shift Day Hole No. 1
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
3	1	
1	7	

25M 3 57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. 52-10
Shift Day Date 7-6-57
Hole No. 1 Location

Depth at end of shift	355	feet
Depth at beginning of shift	341	feet
Distance drilled	14	feet
Amount of core recovered	10	feet
Distance reamed for casing		feet
Casing put in		feet
Standpipe put in		feet
Cemented		feet
Drilled Cement		feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Hole Caving Very
Bad —
1 Hr. changing
hose to new water hole,
caught Bear chewing
hose while changing
it.

Kelman
Operator.

Time Slip

Date 7-6 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	1	
1	7	

25M 3 57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. 52-10
Shift Day Date 7-5-57
Hole No. 1 Location

Depth at end of shift	341	feet
Depth at beginning of shift	311	feet
Distance drilled	30	feet
Amount of core recovered	22	feet
Distance reamed for casing		feet
Casing put in		feet
Standpipe put in		feet
Cemented		feet
Drilled Cement		feet

Geology

FROM	TO	FEET	MATERIAL
311	?		Fault —

REMARKS: Hole Caving - Have
to drill from 312'
to Bottom.

Kelman
Operator.

Time Slip

Date 7-5 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No.
Shift Day Date 7
Hole No. 1 Location

Depth at end of shift	311	feet
Depth at beginning of shift	271	feet
Distance drilled	40	feet
Amount of core recovered	39	feet
Distance reamed for casing		feet
Casing put in		feet
Standpipe put in		feet
Cemented		feet
Drilled Cement		feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Broke a valve —
4 days in a row.

Kelman
Operator.

Time Slip

Date 7-4 Shift Day Hole No. 1
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
3	1	
1	7	

25M 3-57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job in N Bay No.

Shift Date

Hole No. 3 Location

Depth at end of shift feet

Depth at beginning of shift feet

Distance drilled feet

Amount of core recovered feet

Distance reamed for casing feet

Casing put in feet

Standpipe put in feet

Cemented feet

Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL
0	29	29	Overburden —

REMARKS: 2 Hrs on tripod and deadman —

Kelman

Operator.

Time Slip

Date 7-11 Shift Hole No. 3

Driller Kelman

Helper "

CHARGE NO.	HRS.	COMMENTS
5	2	
1	6	

25M 3-57

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job No.

Shift Date

Hole No. Location

Depth at end of shift feet

Depth at beginning of shift feet

Distance drilled feet

Amount of core recovered feet

Distance reamed for casing feet

Casing put in feet

Standpipe put in feet

Cemented feet

Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Finished move — Worked on Set up — Drilled + Cemented Deadman

Kelman

Operator.

Time Slip

Date 7-10 Shift Day Hole No. 3

Driller Kelman

Helper "

CHARGE NO.	HRS	COMMENTS
5	8	

25M

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job No.

Shift Date

Hole No. 3 Location

Depth at end of shift feet

Depth at beginning of shift feet

Distance drilled feet

Amount of core recovered feet

Distance reamed for casing feet

Casing put in feet

Standpipe put in feet

Cemented feet

Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Moving - started set up —

Kelman

Operator.

Time Slip

Date 7-9 Shift Day Hole No. 3

Driller Kelman

Helper Kelman

CHARGE NO	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company

SALT LAKE CITY 15, UTAH

Shift Report

Job No.

Shift Date

Hole No. Location

Depth at end of shift feet

Depth at beginning of shift feet

Distance drilled feet

Amount of core recovered 16 feet

Distance reamed for casing feet

Casing put in Hole feet

Standpipe put in Done feet

Cemented feet

Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 6 Hrs - Tore down + started move —

Kelman

Operator.

Time Slip

Date 7-8 Shift Day Hole No. 1

Driller Kelman

Helper Kelman

CHARGE NO	HRS.	COMMENTS
1	3	
5	5	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date 7-15-57
Hole No. 3 Location
Depth at end of shift - - - - 106 feet
Depth at beginning of shift - - 71 feet
Distance drilled - - - - - 35 feet
Amount of core recovered - - 25 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Very Broken
water trouble

Kolman
Operator.

Time Slip

Date 7-15 Shift Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date 7-14-57
Hole No. 3 Location
Depth at end of shift - - - - 71 feet
Depth at beginning of shift - - 37 feet
Distance drilled - - - - - 34 feet
Amount of core recovered - - 27 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - 15' feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Very Broken
getting short of
water.
2 Hrs. Drilling Cement.

Kolman
Operator.

Time Slip

Date 7-14 Shift Day Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	2	
1	6	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date [illegible]
Hole No. 3 Location
Depth at end of shift - - - - 37 feet
Depth at beginning of shift - - 5 feet
Distance drilled - - - - - 2 feet
Amount of core recovered - - 2 feet
Distance reamed for casing - - feet
AX Casing put in - - 27 feet
Standpipe put in - feet
Cemented - - - - - - - 15 sacks feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Fought Casing all
day - Couldn't get it
down - Finally cemented
it in.

1 Hr. Cementing

Kolman
Operator.

Time Slip

Date 7-13 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	7	
5	1	
	1	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No.
Shift Date
Hole No. Location
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - 3 feet
Distance drilled - - - - - 7 feet
Amount of core recovered - - 1 feet
Distance reamed for casing - - 3 feet
Casing put in - - 0 feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Twisted off Casing
50' Down - had to
Dig it out.

Kolman
Operator.

Time Slip

Date 7-12 Shift Hole No.
Driller Kolman
Helper

CHARGE NO.	HRS.	COMMENTS
1	2	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W H Day No. 3-10
Shift Date 7-19-57
Hole No. 3 Location
Depth at end of shift 194 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 8 Hrs trying to get water - can't do it - Need more hose + another pump.

Kolman
Operator.

Time Slip

Date 7-19 Shift Day Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W H Day No. 3-10
Shift Date 7-18-57
Hole No. 3 Location
Depth at end of shift 194 feet
Depth at beginning of shift 166 feet
Distance drilled 28 feet
Amount of core recovered 26 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Ran out of water. 4 Hrs stringing 1 mile of hose -

Kolman
Operator.

Time Slip

Date 7-18 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	4	
1	4	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No.
Shift Date 7-17-57
Hole No. 3 Location
Depth at end of shift 166 feet
Depth at beginning of shift 136 feet
Distance drilled 30 feet
Amount of core recovered 23 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 1 Valve - 1 Hr. 1 Hr - Changeing water hose.

Kolman
Operator.

Time Slip

Date 7-17 Shift Day Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	6	
5	1	
3	1	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job
Shift Date
Hole No. Location
Depth at end of shift feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL
			Broken -

REMARKS: 3 Hrs - went to Beach for new camp man -

Kolman
Operator.

Time Slip

Date 7-16 Shift Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS	COMMENTS
1	5	
5	3	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No
Shift Date
Hole No. Location
Depth at end of shift - - - - - 124 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Looking for water, No water South of Project—

Kolman
Operator.

Time Slip

Date Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No
Shift Date
Hole No. Location
Depth at end of shift - - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Looking for water went down into Valley — to Far for our hose + + + + pump

Kolman
Operator.

Time Slip

Date 7-22 Shift Day Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No
Shift Date
Hole No. 3 Location
Depth at end of shift - - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Looking for water Tried to [illegible] still can't get [illegible]

Kolman
Operator.

Time Slip

Date 7-21 Shift Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No
Shift Date
Hole No. 3 Location
Depth at end of shift - - - - - feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Trying to [illegible] [illegible]

Kolman
Operator.

Time Slip

Date 7-20 Shift Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No [illegible]
Shift [illegible] Date [illegible]
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 2 2 6 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Pump came in from Seattle - weather too bad to return to W N Bay.

Kalman
Operator.

Time Slip

Date 5-27 Shift [illegible] Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No [illegible]
Shift [illegible] Date [illegible]
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 2 2 6 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Hose came in from Ketchikan

Kalman
Operator.

Time Slip

Date 5-26 Shift [illegible] Hole No. 3
Driller Kalman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No
Shift [illegible] Date [illegible]
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 2 2 6 feet
Depth at beginning of shift - - 2 1 feet
Distance drilled - - - - - 15 feet
Amount of core recovered - - 7 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Broken - Sandy

REMARKS: 4 Hrs chasing hose + pump after water. Plane finally came out in evening - went to town for hose + new pump.

Kalman
Operator.

Time Slip

Date 5-25 Shift [illegible] Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
1	4	
5	4	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job [illegible] No [illegible]
Shift [illegible] Date [illegible]
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 2 [illegible] feet
Depth at beginning of shift - - 1 9 4 feet
Distance drilled - - - - - 1 [illegible] feet
Amount of core recovered - - 8 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Soft - Sandy

REMARKS: Using water in holes from 1st few days of heavy rain. 5 Hrs switching hose + pumps -

Kalman
Operator.

Time Slip

Date 5-24 Shift [illegible] Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
1	3	
5	[illegible]	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. H. Bay No. [illegible]
Shift Date 7-31-57
Hole No. 3 Location
Depth at end of shift 261 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Blew head gasket on German Rupp pump - made new one - New pump will not run with small 3/8" hose connected - 2 Hrs - Round trip to Beach for 1" Hose.

Kalman
Operator.

Time Slip

Date 7-31 Shift Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift Date [illegible]
Hole No. Location
Depth at end of shift [illegible] feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Strung hose back to lake + set up 2 pumps. lake almost dry - dug out a spring + ditched it to lake

Kalman
Operator.

Time Slip

Date 7-30 Shift Day Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No.
Shift Date
Hole No Location
Depth at end of shift [illegible] feet
Depth at beginning of shift [illegible] feet
Distance drilled [illegible] feet
Amount of core recovered [illegible] feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL
			Very Broken

REMARKS: Caving very bad - 30' to 40' of junk in hole used last of rain water.

Kalman
Operator.

Time Slip

Date 7-29 Shift Day Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job No.
Shift Date
Hole No. Location
Depth at end of shift [illegible] feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Returned to W. H. Bay Packed hole [illegible] to start at [illegible] - Packed pump up [illegible]

Kalman
Operator.

Time Slip

Date 7-28 Shift Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
5	8	

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED DEC 9 1957 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 7 1957 Docket No. DMEA 4710 Contract No. 10-90
Operator's Name Southeastern Mining & Exploration Co., Inc. Minerals Uranium
Address P.O. Box 1121, Juneau, Alaska Columbium & rare earths
Contract Amount, $ 24,000 Government Participation: 75% Amount, $ 18,000

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	$6146 ~~439~~	$12,838	$18,984			
Drilling				6146.00	12,838.00	18,984.00
Bulldozing						
Crosscutting						
Drifting, reaming & casing cementing	36	~~$135~~	171	36.00	135.00	171.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$6182	$12,973	$19,155	6182.00	12,973.00	19,155.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Sept. 30 *Southeastern Mining & Exploration Co., Inc.

Per [signature] Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 4636.50

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 12/2/57 Vou. No. 2079
(See other side)

4242.00
5487.75
14,366.25
Withhold 4636.50 250.00 Pay $ 14,116.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1090 in accordance with the terms of the contract.

Signature /s/ Edward W. Pardoe Title Mining Engr. Date Nov 22, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Wiesenbach Title Exec. Officer Date Nov. 25, 1957

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(*a*) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(*b*) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(*c*) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-194A

Budget Bureau No. 42-R115

RECEIVED DEC 9 1957 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1957 Docket No. DMEA 4[illegible] Contract No. [illegible]

Operator's Name Southeastern Mining & Exploration Co., Inc. Minerals Uranium Columbium Krare earths

Address P.O. Box 1121, Juneau, Alaska

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	$6146	439	$18,[illegible]84	1356	$14	1500	[illegible]
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
[illegible], Reaming & [illegible]	ft	36	12	$171	57	$3	500	[illegible]
Total Distributed Costs		6182 $6186	451	$19,155				Total Costs Authorized by Contract
Operating Equipment Purchased								$24,000
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Sept. 30 Operator Southeastern Mining & Exploration Co., Inc.

Per [signature] Title Secretary

Remarks: Hole#3 completed to 400 ft and Hole #4 drilled to 300 ft at locations indicated on maps submitted with application. Core barrel stuck in #4 & DMEA authorized termination of drilling. Assays to be made after core arrived in Juneau as per instructions DMEA.

NOTE—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

/s/ Edward W. Parsons

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 9 1957
DATE | CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S NARRATIVE REPORT

Month of August, 1957 Docket No. DMEA 4710 Contract No. 10-90

Operator's Name: Southeastern Mining & Exploration Co., Inc.
Address: P. O. Box 1121, Juneau, Alaska

Minerals Uranium Columbium & Rare Earths

Contract Amount $ 24,000.00 Government Participation: 75%

Drilling was commenced at a depth of 261 feet. Difficulties were encountered with caving and sand in the hole. At 300 feet very hard material was encountered. Between 317 feet and 345 feet hard and broken material was encountered. Continued difficulties pertaining to water complicated the drilling problems. On August 13 Hole No. 3 was completed to a depth of 400 feet. Bears again had chewed the hose and also had mauled the pump. On August 14 the drill was torn down and move started for setting up for the fourth hole. August 15, the move was finished and drilling and cementing was performed, finishing the set-up. The location of Hole No. 4 is shown on the attached map. Hard material was encountered between 134 and 203 feet and between 203 and 258 feet hard and broken material were encountered. At 287 feet a conrod was burned out on August 20, 1957. After repairs were made, drilling was recommenced on August 25 and at the depth of 300 feet a core barrell became stuck in the hole. The drillers had also again run out of water and due to the unprecedented dry summer, it would require a great deal of extra equipment to secure water from the next nearest available source. On September 3 permission was obtained from Mr. Weissenborn, Executive Officer of the U. S. Geological Survey on behlaf of the Defense Miniterals Exploration Administration, to terminate the drilling in view of the fact that there had been no significant findings and the cost of drilling the additional 100 feet did not appear warranted. Attached hereto are copies of the drillers' logs for the period August 1 through August 31st as well as maps of the drilling completed.

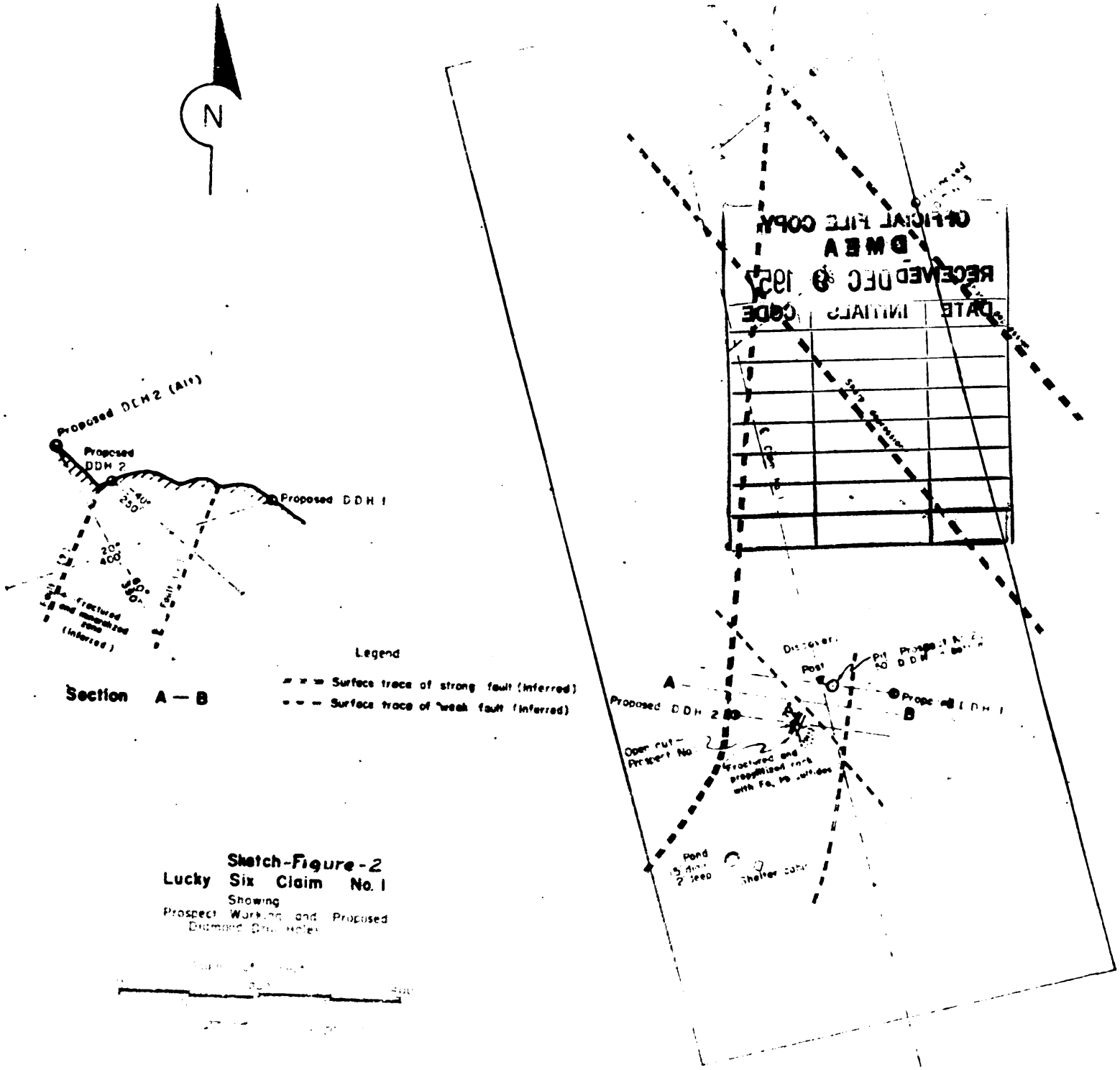
RECEIVED
NOV 21 1957
U. S. G. S.
SPOKANE, WASH

DATED at Juneau, Alaska this 15th day of November, 1957.

SOUTHEASTERN MINING & EXPLORATION CO., INC.

By R. Boochever

R. Boochever, Secretary



Red indicates drilling performed in August, 1957

Sketch-Figure-2
Lucky Six Claim No. 1
Showing
Prospect Workings and Proposed
Diamond Drill Holes

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job W. H. Bay No. 5310
Shift Date 8 1 57
Hole No. 3 Location
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - 316 feet
Distance drilled - - - - - 1 feet
Amount of core recovered - - 1 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Hard -

REMARKS: Lake went dry — 1st pump went dry - 2nd pump burned up - Need new pump & more Hose —

Kalman
Operator.

Time Slip

Date 8 - 4 Shift Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
1	1	
5	7	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job W. H. Bay No. 5310
Shift Date 8 3 57
Hole No. 3 Location
Depth at end of shift - - - - 316 feet
Depth at beginning of shift - - 301 feet
Distance drilled - - - - - 15 feet
Amount of core recovered - - 12 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			?
			Hard as Hell —

REMARKS: Have to drill 100' to get to Bottom — lake went dry — Now pumping Mushag ponds into lake

Kalman
Operator.

Time Slip

Date 8 - 3 Shift Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
1	5	
5	3	
	8	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job W. H. Bay No. [illegible]
Shift Date 8 2 57
Hole No. 3 Location
Depth at end of shift - - - - 301 feet
Depth at beginning of shift - - 286 feet
Distance drilled - - - - - 15 feet
Amount of core recovered - - 7 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Broken Casing — Have to start drilling 30' off Bottom.

2 Hrs on water
2 Broken Valves

Kalman
Operator.

Time Slip

Date 8 - 2 Shift Hole No. 3
Driller Kalman
Helper Kalman

CHARGE NO.	HRS.	COMMENTS
5	2	
3	2	
1	4	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH
Shift Report

Job W. H. Bay No. [illegible]
Shift Date 8 1 57
Hole No. 3 Location
Depth at end of shift - - - - 286 feet
Depth at beginning of shift - - 261 feet
Distance drilled - - - - - 25 feet
Amount of core recovered - - 24 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Unprintable — 50' to 70' of Caved Sand in hole — Vibration

2 Hrs working on water

Kalman
Operator.

Time Slip

Date 8 - 1 Shift Hole No. 3
Driller Kalman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	2	
[illegible]	6	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. N Bay No. 50-10
Shift Date 8-8-57
Hole No. 3 Location
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: No Hum-

John Kolman
Operator.

Time Slip

Date 8-8 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. 50-10
Shift Date 8-7-57
Hole No. 3 Location
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Plane came out with Fuel drop-
Ordered pump and hose.

Kolman
Operator.

Time Slip

Date 8-7 Shift Day Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. 50-10
Shift Day Date 8-6-57
Hole No. 3 Location
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Still no plane-

Kolman
Operator.

Time Slip

Date 8-6 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job W. N. Bay No. [illegible]
Shift Date [illegible]
Hole No. 3 Location
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: No plane
More Fiesta

Kolman
Operator.

Time Slip

Date 8-5 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

DOM 2-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. 52-10
Shift [illegible] Date 8-12-57
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 372 feet
Depth at beginning of shift - - 345 feet
Distance drilled - - - - - 30 feet
Amount of core recovered - - 23 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Still chasing Cave from 200' to Bottom

Kolman
Operator.

Time Slip

Date 8-12 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	8	

DOM 2-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. 52-10
Shift [illegible] Date 8-11-57
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 345 feet
Depth at beginning of shift - - 317 feet
Distance drilled - - - - - 28 feet
Amount of core recovered - - 25 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Hard-Broken

REMARKS: Have to start drilling at 200'- Sand + Cave in hole.

Kolman
Operator.

Time Slip

Date 8-11 Shift Hole No. 3
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No.
Shift [illegible] Date [illegible]
Hole No. 3 Location [illegible]
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 5 Hrs - Round trip to Beach for pump + Hose -
3 Hrs String hose To new water

Kolman
Operator.

Time Slip

Date 8-10 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No.
Shift [illegible] Date [illegible]
Hole No. [illegible] Location [illegible]
Depth at end of shift - - - - 317 feet
Depth at beginning of shift - - feet
Distance drilled - - - - - feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Plane left pump + Hose on Beach at 9 P.M.

Kolman
Operator.

Time Slip

Date 8-9 Shift Hole No. 3
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ... No ...
Shift ... Date ...
Hole No. 4 Location ...
Depth at end of shift ... feet
Depth at beginning of shift ... feet
Distance drilled ... feet
Amount of core recovered ... feet
Distance reamed for casing ... feet
Casing put in ... 12 feet
Standpipe put in ... feet
Cemented ... feet
Drilled Cement ... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS:

Kelman
Operator.

Time Slip

Date 8-15 Shift Hole No. 4
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ... No ...
Shift ... Date ...
Hole No. ... Location ...
Depth at end of shift ... feet
Depth at beginning of shift ... feet
Distance drilled ... feet
Amount of core recovered ... feet
Distance reamed for casing ... feet
Casing put in ... feet
Standpipe put in ... feet
Cemented ... feet
Drilled Cement ... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Finished move — Drilled & Cemented 2 Dead men — Finished set up.

Kelman
Operator.

Time Slip

Date 8-15 Shift Hole No. 4
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ... No ...
Shift ... Date ...
Hole No. 7 Location ...
Depth at end of shift ... feet
Depth at beginning of shift ... feet
Distance drilled ... feet
Amount of core recovered ... feet
Distance reamed for casing ... feet
Casing put in ... feet
Standpipe put in ... feet
Cemented ... feet
Drilled Cement ... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Tore down — Started move & Set up —

Kelman
Operator.

Time Slip

Date 8-14 Shift Hole No. 4
Driller Kelman
Helper Kelman

CHARGE NO.	HRS	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ... No ...
Shift ... Date ...
Hole No. ... Location ...
Depth at end of shift ... feet
Depth at beginning of shift ... feet
Distance drilled ... feet
Amount of core recovered ... feet
Distance reamed for casing ... feet
Casing put in ... feet
Standpipe put in ... Hole feet
Cemented ... Done feet
Drilled Cement ... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: 2 Hrs on Drill motor —

Bears chewed hose in 4 places and mauled the pump

Kelman
Operator.

Time Slip

Date 8-13 Shift Hole No. 3
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
1	8	

25M 3 57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date 8-22-[illegible]
Hole No. 4 Location [illegible]
Depth at end of shift - - - - 287 feet
Depth at beginning of shift - - 258 feet
Distance drilled - - - - - 29 feet
Amount of core recovered - - 27 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: X
13 burned unit No. 1
Can rod - 4 Hrs on motor.

Kelman
Operator.

Time Slip

Date 8-22 Shift Hole No. 4
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	4	
3	4	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date [illegible]
Hole No. [illegible] Location [illegible]
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - - [illegible] feet
Distance drilled - - - - - 46 feet
Amount of core recovered - - feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Hard & Broken

REMARKS:

Kelman
Operator.

Time Slip

Date 8-19 Shift Hole No. 4
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. 2
Shift [illegible] Date [illegible]
Hole No. [illegible] Location [illegible]
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - 34 feet
Distance drilled - - - - - 69 feet
Amount of core recovered - 67 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL
			Hard

REMARKS:

Kelman
Operator.

Time Slip

Date 8-18 Shift Hole No. 4
Driller Kelman
Helper Kelman

CHARGE NO.	HRS.	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift [illegible] Date [illegible]
Hole No. 4 Location [illegible]
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - [illegible] feet
Distance drilled - - - - - 78 feet
Amount of core recovered - - 76 feet
Distance reamed for casing - - feet
Casing put in - - feet
Standpipe put in - feet
Cemented - - - - - - - feet
Drilled Cement - - - - - feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS:

Kelman
Operator.

Time Slip

Date 8-17 Shift Hole No. 4
Driller Kelman
Helper "

CHARGE NO.	HRS.	COMMENTS
1	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift ..... Date [illegible]
Hole No. 4 Location .....
Depth at end of shift - - - - 287 feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
Casing put in - - ..... feet
Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Went to W.N. Bay. Packed up and assembled motor.

Kolman
Operator.

Time Slip

Date 8-21 Shift ..... Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift ..... Date [illegible]
Hole No. 4 Location .....
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
Casing put in - - ..... feet
Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Part came in to late to return to camp.

Kolman
Operator.

Time Slip

Date 8-23 Shift ..... Hole No. 4
Driller Kolman
Helper "

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift ..... Date [illegible]
Hole No. 4 Location .....
Depth at end of shift - - - - ..... feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
Casing put in - - ..... feet
Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Went to Beach and caught a ride into town - ordered part from Seattle.

Kolman
Operator.

Time Slip

Date 8-22 Shift ..... Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

25M 3 57
Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job [illegible] No. [illegible]
Shift ..... Date [illegible]
Hole No. 4 Location .....
Depth at end of shift - - - - [illegible] feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
Casing put in - - ..... feet
Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Chopped out landing spot for Helicopter. Built hose roller.

Kolman
Operator.

Time Slip

Date 8-21 Shift ..... Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job U N Ely No. 57-2
Shift 4 Date 8-22-57
Hole No. 4 Location
Depth at end of shift 300 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Mr. Kness came out - with LH tap - got all but one rod out.

Kolman
Operator.

Time Slip

Date 8-22 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job U N Ely No. 57-2
Shift 4 Date 8-23-57
Hole No. 4 Location
Depth at end of shift 300 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Picked up and relayed 3000' of hose. Have water now.

Kolman
Operator.

Time Slip

Date 8-23 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job U N Ely No. 57-2
Shift 4 Date 8-24-57
Hole No. 4 Location
Depth at end of shift 302 feet
Depth at beginning of shift feet
Distance drilled feet
Amount of core recovered feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Backing out rods.

Kolman
Operator.

Time Slip

Date 8-24 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	7	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job U N Ely No. 57-2
Shift 4 Date 8-25-57
Hole No. 4 Location
Depth at end of shift 302 feet
Depth at beginning of shift 289 feet
Distance drilled 13 feet
Amount of core recovered 10 feet
Distance reamed for casing feet
Casing put in feet
Standpipe put in feet
Cemented feet
Drilled Cement feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Ran out of water. Dropped rods and stuck core barrel!

Kolman
Operator.

Time Slip

Date 8-25 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
1	2	
5	6	

25M 3-57

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ..... No. .....
Shift ..... Date .....
Hole No. 4 Location .....
Depth at end of shift - - - - 242 feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
..... Casing put in - - ..... feet
..... Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Tried to pick up Tap or Core BBL. Can't do it - Mr. Kness went to town -

Kolman
Operator.

Time Slip

Date 8-31 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ..... No .....
Shift ..... Date .....
Hole No. 4 Location .....
Depth at end of shift - - - - 242 feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
..... Casing put in - - ..... feet
..... Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Drilled out Coupling - get it out. Now working on tap Stuck in Core Barrel outer tube.

Kolman
Operator.

Time Slip

Date 8-30 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
5	8	

Boyles Bros. Drilling Company
SALT LAKE CITY 15, UTAH

Shift Report

Job ..... No .....
Shift ..... Date .....
Hole No. 4 Location .....
Depth at end of shift - - - - 242 feet
Depth at beginning of shift - - ..... feet
Distance drilled - - - - - ..... feet
Amount of core recovered - - ..... feet
Distance reamed for casing - - ..... feet
..... Casing put in - - ..... feet
..... Standpipe put in - ..... feet
Cemented - - - - - - - - ..... feet
Drilled Cement - - - - - - ..... feet

Geology

FROM	TO	FEET	MATERIAL

REMARKS: Left Coupling in hole. Broke off coupling tap

Kolman
Operator.

Time Slip

Date 8-29 Shift Hole No. 4
Driller Kolman
Helper Kolman

CHARGE NO.	HRS.	COMMENTS
	5	

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