Table 8.--Selected dry holes and producing wells

[Wells include those completed about March 1958. Data from these wells were used in compiling structure and thickness maps shown on plate 5 in U.S. Geol. Survey Prof. Paper 463, 1965. Map number refers to plate 1 in Prof. Paper 463]

No. on map	Location (quarter section, section, township, range)	Operator, lease, and well	Completion date	Ground elevation (feet)	Unit: Surface rocks	Unit: Bottom rocks	Depth (feet)
		MONTANA Carter County					
1	NENE 6 2N 61E	Carter Oil Co. Traweek 1------	9-22-53	3,160	Fort Union---	Cambrian-------	10,143
2	SENE 19 3N 59E	McDonald Hydraulic Drilling Tucker 1.	8-28-52	3,191	---do--------	Winnipeg-------	8,710
3	SWSW 28 4N 57E	G. J. Greer, Trustee Hanley 1-	5- 4-56	3,173	---do--------	Colorado-------	2,815
4	NWSE 20 1S 60E	Warren Petroleum Co. Curry 1--	8-31-54	3,140	Hell Creek---	Cambrian-------	8,600
5	NESE 3 1S 62E	Ohio Oil-Texas Pacific Coal & Oil Govt. 2.	4-22-56	3,234	Fort Union---	Winnipeg-------	9,110
6 1/	SWNE 4 1S 62E	Ohio Oil-Texas Pacific Coal & Oil Govt. 1.	3-27-56	3,354	---do--------	---do----------	9,362
7	NENE 15 4S 57E	Amerada Petroleum Corp. Corral Creek unit 1.	10- 2-49	3,438	---do--------	Minnelusa------	5,310
8	NWNW 15 5S 57E	Amerada Petroleum Corp. White Tail unit 1.	12- 5-49	3,402	---do--------	---do----------	4,812
9	NWNE 31 5S 57E	Amerada Petroleum Corp. Washburn 1.	7-10-50	3,469	---do--------	Red River------	6,462
10	NENE 18 6S 57E	Amerada Petroleum Corp. Park Creek unit 1.	8-10-50	3,520	---do--------	Amsden---------	4,515
11	NESW 21 6S 57E	Union Oil Co. Govt.-Hamilton 1	10-19-55	3,699	---do--------	Precambrian----	7,215
12	SWSW 17 6S 58E	Union Oil Co. Govt.-Hamilton 2	12-15-55	3,674	---do--------	---do----------	7,142
13	NWNE 14 7S 56E	Skelly Oil Co. Bergen 1-------	10- 1-56	3,828	---do--------	---do----------	7,093
14	NESE 1 8S 56E	Union Oil Co. Govt.-Lowe 1----	9- 9-55	3,627	Niobrara-----	---do----------	6,339
15	SWSW 22 8S 56E	Delhi Oil Corp. Federal-Wheatley 2.	10-10-50	3,805	Pierre-------	Morrison-------	3,160
16	NENE 20 8S 57E	Hunt Oil Co. Wolf Creek unit 1	10-18-48	3,620	Carlile------	Dakota---------	1,640
17	SESE 27 8S 57E	Hunt Oil Co. Rex Flint 1------	11-12-48	3,574	Belle Fourche	Skull Creek----	1,058
18	NWNE 30 8S 57E	Hunt Oil Co. Govt.-Horton 2---	10- 1-48	3,766	Niobrara-----	Dakota---------	1,849
19	NWSW 18 8S 58E	Mobil Producing Co. Govt. F-13-18-G.	1-17-58	3,515	Pierre-------	Red River------	4,656
20	SWNW 34 9S 55E	Northern Ordnance, Inc. Govt.-McGee 1.	9-16-49	3,898	---do--------	Dakota---------	3,545
21	SESW 10 9S 56E	Delhi Oil Corp. Federal-, Wheatley 1.	9- 9-50	3,887	---do--------	---do----------	2,681
22	NWSE 29 9S 58E	Union Oil Co. Govt.-Catron 1--	9-10-56	3,547	Belle Fourche	Precambrian----	4,852
23	NWSW 23 9S 59E	Union Oil Co. Govt.-Newton 1--	10- 1-56	3,434	---do--------	---do----------	4,878
24	NWSE 17 9S 61E	Continental Oil Co. Govt. 1---	6-12-57	3,550	Niobrara-----	Cambrian-------	5,160
		Custer County					
1	NESE 21 1N 48E	El Paso Natural Gas Co. George Greer Green 1.	8-14-55	3,183	Fort Union---	Telegraph Creek	3,102
2	SESE 21 1N 49E	El Paso Natural Gas Co. George Greer 99-4 NP.	4-22-55	3,350	---do--------	---do----------	3,100
3	SWNE 21 1N 50E	Murphy Corp. McIntosh 1-------	3- 6-57	3,267	---do--------	Winnipeg-------	9,442
4	NWNW 14 2N 47E	Davis Oil Co. Federal-Nye 1---	11-24-57	2,956	---do--------	Lakota(?)------	5,648
5	C SE 25 2N 48E	El Paso Natural Gas Co. George Greer McIntosh 1.	10-27-55	3,036	---do--------	Telegraph Creek	2,956
6	SWSE 23 2N 51E	El Paso Natural Gas Co. George Greer McIntosh 1.	7- 5-55	3,008	---do--------	---do----------	2,613
7	SWSE 36 2N 51E	Pure Oil Co. State 1----------	8-29-46	3,006	---do--------	Precambrian----	10,018
8	NWSW 20 2N 52E	Garfield & Pasternak Govt. 1--	11-26-56	3,262	---do--------	Red River------	9,301
9	SWNE 32 3N 51E	El Paso Natural Gas Co. George Greer Govt.-Tier 1.	10-19-55	2,823	---do--------	Telegraph Creek	2,460
10	SESW 31 4N 51E	El Paso Natural Gas Co. Greer Drilling 3 NP.	11-23-55	3,034	---do--------	---do----------	2,875
11	SWSW 17 4N 52E	El Paso Natural Gas Co. George Greer 2 NP.	8- 2-55	2,750	---do--------	---do----------	2,405
12	SWSW 34 4N 52E	El Paso Natural Gas Co. George Greer Govt.-MacLellan 1.	5-21-55	2,905	---do--------	---do----------	2,518
13	SWSW 17 4N 53E	El Paso Natural Gas Co. Greer Drilling 4 NP.	7-19-55	2,677	Hell Creek---	---do----------	2,300
14	SESE 19 4N 54E	El Paso Natural Gas Co. George Greer 1 NP.	5- 4-55	2,781	Fort Union---	---do----------	2,480
15	SWSW 27 5N 48E	Stanolind Oil & Gas Co. 1-"M" NPRR.	8-25-55	2,641	---do--------	Colorado-------	2,920
16	SWNE 27 5N 50E	Stanolind Oil & Gas Co. 1 NP "N".	12-24-55	2,767	---do--------	Claggett	1,835
17	SWNE 15 6N 49E	Stanolind Oil & Gas Co. 1 NPRR "K".	9- 5-55	2,714	---do--------	Colorado-------	2,800
18	SWNE 33 6N 51E	Stanolind Oil & Gas Co. 1 NP "L".	8-30-55	2,700	---do--------	---do----------	2,750
19	NESW 32 7N 47E	Pure Oil Co. Govt. 1----------	1-10-56	2,660	---do--------	Morrison-------	5,290
20	NWNW 21 7N 48E	Anschutz Drilling Co. Ivan 1--	9-22-57	2,702	---do--------	Winnipeg	9,306
21	NWSE 23 8N 46E	Stanolind Oil & Gas Co. 1 NP "J".	8- 5-55	2,523	---do--------	Morrison-------	5,165
22	SWNW 29 9N 55E	G. J. Greer, Trustee Garber 1-	5-10-56	2,688	---do--------	Telegraph Creek	2,950
		Daniels County					
1	NWNW 6 33N 47E	Socony-Vacuum Co., Pegasus Div. Rhodes F-11-6.	7-14-53	2,687	Hell Creek---	Winnipeg-------	9,375
2 1/	SESE 5 33N 49E	Pan-American Petroleum Co. E. H. God 1.	10-31-57	2,463	Fort Union---	Red River------	9,556
3	SESW 10 33N 49E	Murphy Corp.-Flank Oil Co. Nyhus 1.	12-21-56	2,749	---do--------	MacGowan-------	6,905
4	SENE 33 33N 49E	California Co.-Stanolind Oil & Gas Co. McIllece 1.	10- 3-56	2,688	---do--------	---do----------	6,791
5	SESE 33 33N 49E	California Co. Martell 1------	10-31-56	2,648	---do--------	---do----------	6,774
6	SENW 34 33N 49E	California Co.-Carter Oil Co. Calco-Carter-Tong-Tribal 1.	3-11-57	2,689	---do--------	Mission Canyon-	6,850
7	NWSW 29 33N 50E	Champlin Oil and Refining Republic Natural Assiniboine-Sioux 1.	11-21-57	2,688	---do--------	---do----------	7,259
8	NWSW 26 34N 47E	W. H. Hunt State 1------------	6- 6-54	2,696	---do--------	Winnipeg-------	9,507
9	NWNW 10 34N 49E	W. H. Hunt Lindquist 1-------	8-18-54	2,765	---do--------	---do----------	10,063
10	NWNE 32 35N 47E	Union Oil Co. of Calif. Nuhring 1.	1- 5-53	2,660	---do--------	---do----------	9,272
11	SESW 14 35N 48E	Texota Oil Co. Nyquist 1------	9-17-56	2,517	---do--------	Mission Canyon-	6,764
12	SESE 18 36N 44E	Zach Brooks State 1-----------	11-30-54	2,984	---do--------	Red River------	8,819
13	NESW 12 36N 47E	Carter Oil Co. S. W. Danelson 1.	10- 3-53	2,392	---do--------	Winnipeg-------	9,229
14	NENW 31 36N 47E	P. D. McDonough & Zack Brooks State 1.	5- 3-56	2,448	---do--------	Duperow--------	7,319
15	NWSW 31 37N 49E	Richfield Oil Corp. Madoc 1---	1-31-55	2,441	---do--------	Stony Mountain-	8,915
		Dawson County					
1 1/	NWSW 12 13N 55E	Shell Oil Co. 13-12D----------	9-24-57	2,337	Pierre-------	Red River------	9,080
2(2) 2/	NENW 15 13N 56E	Shell Oil Co. unit 21-15 NPRR-	7-21-53	2,546	Fox Hills----	Winnipeg-------	9,893
3	SENW 2 14N 55E	Shell Oil Co. unit 22-22------	5-17-56	2,468	---do--------	Red River------	9,242
4	SENE 6 14N 55E	Farmers Union Hathaway 1------	4-25-54	2,141	Pierre-------	Heath----------	6,315
5	SENE 6 14N 55E	Empire State Hathaway 1-------	8-24-52	2,135	---do--------	Red River------	9,351
6	NENW 6 14N 55E	Williston Oil and Gas Co., and Delta Drilling Co. Trangmoe 1.	9-21-52	2,155	---do--------	Cambrian-------	9,484
7	SESE 19 14N 55E	The Texas Co. NPG-NCT 7 No. 1-	10-24-52	2,341	Fort Union---	---do----------	10,805
8	NWNW 28 14N 55E	Shell Oil Co. unit 11-28------	8-20-55	2,128	Pierre-------	Winnipeg-------	9,480
9	NWNW 2 15N 54E	Ajax Oil Co., Wash. Coop. Osborne 1.	1- 1-53	2,464	Hell Creek---	Silurian-------	9,354
10	SWNW 10 15N 54E	Texas Co. D. Hoffer 1---------	1-19-53	2,490	Fort Union---	Red River------	9,767
11	SESW 22 15N 54E	Bill Tomberlin Vorhies 1------	12- 3-52	2,465	---do--------	Stony Mountain-	9,528
12	NENW 26 15N 54E	Shell Oil Co. Govt. 21-26-----	1-21-55	2,417	Hell Creek---	Red River------	9,187
13	NENW 35 15N 54E	The Texas Co. NPG (NCT-1) No. 2	12- 1-52	2,337	Fox Hills----	Winnipeg-------	10,537
14	SENW 18 15N 55E	Ajax Oil Co. Hagan 1----------	9- 8-52	2,249	Hell Creek---	Cambrian-------	10,116
15	NENE 2 16N 53E	Dakota-Williston Oil Corp. Mutzenberger 1.	2-25-53	2,613	Fort Union---	Devonian-------	9,475
16	NWSW 21 16N 54E	The Texas Co. NPG (NCT-2) No. 1	7-18-52	2,376	---do--------	Cambrian-------	10,186
17	NWSW 28 16N 54E	The Texas Co. Highland 1-A---	5-16-55	2,353	---do--------	Winnipeg-------	9,851
18	SESE 34 16N 57E	Mobil Producing Co. F-44-34-P-	12-15-57	2,764	---do--------	Red River------	10,809
19	SENE 3 17N 52E	Gulf Oil Corp. Schwarz 1------	4- 5-55	2,610	---do--------	---do----------	10,624
20	SESE 7 17N 53E	Richfield Oil Co. Newton 1----	12-16-52	2,563	---do--------	Winnipeg-------	10,711
21	NESE 19 17N 53E	The Texas Co. (NCT-3) 1-------	9-13-52	2,654	---do--------	Cambrian-------	10,892
22	SWNW 26 17N 53E	The Texas Co. Ekland 2--------	11- 2-53	2,633	---do--------	Red River------	10,200
23	SWNE 26 17N 53E	The Texas Co. Ekland 3-B------	4-27-54	2,574	---do--------	---do----------	10,131
24	SWSW 35 17N 53E	The Texas Co. J. M. Elpel 1-B-	7- 7-57	2,777	---do--------	Winnipeg-------	10,713
25	SESE 16 18N 53E	Shell Oil Co. State 44X-16----	4-21-57	2,656	---do--------	Charles--------	8,330
26	NWSW 19 18N 56E	Ajax Oil Co. Teague 1---------	7-11-53	2,445	---do--------	Madison--------	8,976
27	SWSW 31 19N 51E	Pan-American Petroleum and Amerada Petroleum Corp. 1 NP-P.	5-22-58	2,986	---do--------	Red River------	10,630
28	SESW 17 19N 53E	Shell Oil Co. Kolberg 24-17---	12- 8-56	2,705	---do--------	---do----------	11,000
29	NESE 21 20N 52E	Stanolind Oil and Gas Co. 1 NP "E".	4-16-54	2,877	---do--------	Winnipeg-------	11,414
30	NENE 4 22N 50E	Oceanic Oil Co. Casterline 1--	8-23-52	2,190	---do--------	Lodgepole------	8,014
31	SESE 6 23N 50E	Oceanic Oil Co. Normand 1-----	9-27-52	2,400	---do--------	Mission Canyon-	7,325
32	SWNE 9 23N 50E	Shell Oil Co. Knudson 22-9----	7- 6-52	2,384	---do--------	---do----------	7,763
33	SENW 19 23N 50E	Shell Oil Co. 22-19 NPRR------	7- 6-52	2,473	---do--------	Charles--------	7,468
34	SESE 19 23N 50E	Shell Oil Co. 44-19 NPRR------	7- 8-52	2,435	---do--------	Lodgepole------	7,817
		MONTANA Fallon County					
1	SWSE 23 3N 61E	Texas Pacific Coal & Oil-Pure Oil Co. Cox 1.	11-20-51	3,116	Hell Creek---	Winnipeg-------	9,850
2	SWSE 21 4N 60E	Stanolind Oil & Gas Co. 1 NPRR	11- 1-53	3,160	Fort Union---	Red River------	9,794
3(5) 2/	NWSE 3 4N 61E	Shell Oil Co. 33-3------------	11- 3-53	3,045	Pierre-------	---do----------	8,648
4	SWSW 17 4N 61E	Pure Oil Co.-Texas Pacific 1 NP.	9-19-54	3,175	Hell Creek---	---do----------	8,915
5	NENE 3 5N 59E	Fallon Gas Co. 7 NP-----------	8- 4-54	3,271	Fort Union---	Eagle----------	2,240
6	NWNE 19 5N 59E	Ohio Oil Co. Ole Roget 1------	9- 3-56	3,236	---do--------	Winnipeg-------	10,375
7	NENE 29 5N 60E	W. M. & A. P. Fuller 1 NPRR---	2-12-53	3,072	Hell Creek---	---do----------	9,308
8	SWSW 25 6N 59E	Fallon Gas Co. 6 NP-----------	7-20-54	3,254	Fort Union---	Judith River---	1,710
9	NENE 27 6N 59E	Fallon Gas Co. 5 NP-----------	7- 9-54	3,222	---do--------	---do----------	1,497
10	SENW 3 6N 60E	Shell Oil Co. NP unit 41-3----	3-14-58	3,078	Hell Creek---	Red River------	9,110
11	NWSE 22 6N 60E	Shell Oil Co. 33-22-----------	7- 1-54	3,082	Pierre-------	Winnipeg-------	9,190
12	NESW 26 6N 60E	Shell Oil Co. unit 23X-26-----	8- 5-56	3,053	---do--------	Red River------	8,810
13	NENE 20 7N 57E	F. R. Anderson Bohle 1--------	12-18-53	2,855	Fort Union---	Interlake of Baillie (1951)	9,512
14	NWSW 20 7N 61E	Monaco: Ajax Oil Co. Ferguson 1	8-18-55	3,031	Hell Creek	Red River------	9,237
15	SESW 26 8N 60E	Mobil Producing Co., Moseley F-24-26P.	1-19-56	3,125	---do--------	---do----------	9,510
16	SWSW 19 8N 61E	E. C. Johnston 1 NP-----------	7-21-55	3,135	---do--------	---do----------	9,515
17	NENE 3 9N 58E	Shell Oil Co. and NPRR 41-3 NP	3-22-58	2,785	Pierre-------	---do----------	9,088
18	SWNE 4 9N 58E	Shell Oil Co. unit 32-4 NP----	8-16-54	2,918	Fox Hills----	---do----------	9,415
19(3) 2/	NENW 15 9N 58E	Stanolind Oil & Gas Co. 1 NPRR "C".	1- 3-54	2,911	---do--------	Winnipeg-------	9,649
20	SENW 9 9N 59E	Rothschild Oil Co. Northwest Improvement 22-9A.	10-15-56	3,005	Hell Creek---	Red River------	9,605
21	SENW 15 10N 56E	California Co. unit 1---------	8-24-54	2,880	Fort Union---	Winnipeg-------	10,674
22	NWNE 11 10N 57E	Shell Oil Co. 31-11 NP--------	1-15-57	2,783	Hell Creek---	Red River------	9,508
23	SWNW 20 10N 58E	Shell Oil Co. unit 12-20------	2-13-57	2,845	Fox Hills----	---do----------	9,137
24	SWNW 26 10N 58E	McDonald & Eide Goodman 1-----	3-12-55	2,750	Pierre-------	---do----------	9,228
25	SWSE 36 11N 57E	Shell Oil Co. and State 34-36 NPRR.	2-24-58	2,628	---do--------	---do----------	9,183
		McCone County					
1	NWSE 36 18N 49E	Stanolind Oil & Gas-Amerada Petroleum State 1.	7- 1-53	3,140	Fort Union---	Red River------	10,781
2	SESE 5 20N 45E	Stanolind Oil & Gas-Amerada Petroleum 1 NPRR.	6-29-53	2,678	Fort Union---	Winnipeg-------	9,392
3	NWNW 20 21N 46E	Socony-Vacuum, Pegasus Div. P. Waller F-11-20.	3-29-54	2,745	Fort Union---	---do----------	9,821
4	SWNW 5 21N 48E	Shell Oil Co. 12-5 NPRR-------	7-18-53	2,552	---do--------	Red River------	9,837
5	NENE 30 22N 47E	Mobil Producing Co. & Cosden Petroleum Co. Jensen F 41-30 P No. 1.	10- 2-57	2,644	---do--------	---do----------	9,532
6	SENW 35 22N 47E	Shell Oil Co. 22-35 "A" NPRR--	6-18-53	2,575	---do--------	---do----------	9,720
7	SWSW 5 22N 48E	Shell Oil Co. 14-5 NPRR-------	4-28-53	2,538	---do--------	---do----------	9,648
8	SENE 19 22N 48E	Shell Oil Co. 42-19-B NPRR----	3-14-53	2,573	---do--------	---do----------	9,780
9	SENW 25 22N 48E	Shell Oil Co. NP 22-25-B------	7-12-52	2,550	---do--------	Winnipeg-------	10,188
10	SESW 28 22N 48E	Shell Oil Co. Cole 24-28------	1-30-54	2,455	---do--------	Red River------	9,826
11	NESE 29 22N 48E	Shell Oil Co. 43-29 "B" NPRR--	2- 9-53	2,530	---do--------	---do----------	9,900
12	SWNW 33 22N 48E	Shell Oil Co. 12-33 "B"-------	10-28-53	2,493	---do--------	---do----------	9,740
13	NWNW 3 22N 49E	Shell Oil Co. 11-3 "C" NP-----	9-21-52	2,475	---do--------	Jefferson------	9,435
14	SWNW 29 22N 49E	Shell Oil Co. 12-29 "C" NP----	2-19-53	2,458	---do--------	Silurian-------	9,451
15	NWNE 24 23N 48E	Shell Oil Co. 31-24 E---------	1-13-53	2,500	---do--------	Charles--------	7,228
16	SESE 1 23N 49E	McConnel Drilling Co. Normand 1	8-14-52	2,325	---do--------	Madison--------	7,129
17	NESW 3 23N 49E	R. V. and T. F. Hodge Eggebrecht 2.	3-28-54	2,483	---do--------	Red River------	9,760
18	NWNW 21 23N 49E	Shell Oil Co. 11-21 E NP------	10-10-53	2,475	---do--------	---do----------	9,810
19	SWNE 22 23N 49E	Skelly Oil Co. Berry 1--------	9- 1-53	2,444	---do--------	Mission Canyon-	7,340
20	NESW 9 24N 48E	Shell Oil Co. et al. Govt. 23-9	3-18-56	2,404	---do--------	Red River------	9,500
21	SESE 24 24N 50E	Oceanic Oil Co. Brown 1-------	9-27-52	2,138	---do--------	Mission Canyon-	7,324
22	SWSW 14 25N 48E	Marigold Oil, Ltd. Farnham 1--	11-29-52	2,404	---do--------	Silurian-------	8,961
23	NESE 21 26N 49E	Continental-Delhi-Montana-Dakota George Good 1.	9-23-53	2,236	---do--------	Red River------	9,530
24	SWSE 27 25N 48E	Ohio Oil Co. G. L. Jacobs 1---	4-21-58	2,465	---do--------	Madison--------	6,965
		Powder River County					
1	NENE 13 1S 47E	Davis Oil Co. Combs 1---------	12-10-57	3,271	Fort Union---	Lakota---------	6,050
2	NENE 29 1S 48E	El Paso Natural Gas Co. George Greer Drilling A-40 NP.	11-14-55	3,321	---do--------	Shannon--------	3,350
3	C SE 1 1S 49E	El Paso Natural Gas Co. George Greer Drilling 99-3 NP.	7-29-55	3,380	---do--------	Telegraph Creek	3,156
4	SWSE 8 1S 49E	George J. Greer Trustee Kolka 1.	3- 3-55	3,096	---do--------	---do----------	2,950
5	NWNW 11 1S 49E	George J. Greer Trustee 1 NP--	11-14-54	3,180	---do--------	---do----------	2,960
6	NESW 21 1S 49E	George J. Greer Trustee 2 NP--	10-29-54	3,188	---do--------	---do----------	2,980
7	SWSE 29 1S 49E	George J. Greer Trustee Whitcher 1.	2-26-55	3,182	---do--------	---do----------	3,067
8	C SE 18 1S 50E	George J. Greer Allen 4-------	3-15-56	3,271	---do--------	---do----------	3,075
9	SWSW 19 2S 47E	Murphy Corp. 1 NP-------------	7-26-54	4,057	---do--------	Morrison-------	7,190
10	SESE 33 2S 47E	Anschutz Drilling 2-47 NP-----	1- 6-56	4,050	---do--------	Shannon--------	4,150
11	NESE 28 2S 48E	Davis Oil Co. Gaskill 1-------	12- 8-57	3,360	---do--------	Lakota---------	6,240
12	C SE 13 2S 49E	George J. Greer 100-5 NP------	1-15-56	3,515	---do--------	Telegraph Creek	3,254
13	SWNW 27 2S 50E	Stanolind Oil & Gas Co. 1 NPRR	8- 3-45	3,313	---do--------	Red River------	8,991
14	SESE 33 3S 47E	Anschutz Drilling Co. Govt. 1-	7-23-56	3,819	---do--------	Telegraph Creek	4,051
15	NWNW 34 3S 48E	Davis Oil Co. Federal-Irwin 1-	12-23-57	3,467	---do--------	Lakota---------	6,376
16	NENW 21 3S 50E	Murphy Corp. Mizpah "A" 1-----	3-25-57	3,427	---do--------	Shannon--------	3,125
17	NENE 15 4S 50E	Davis Oil Co. Deibel 1--------	10-25-57	3,328	---do--------	Lakota---------	5,855
18	NWSW 30 4S 51E	G. J. Greer Trustee McFadden 1	9-21-56	3,197	---do--------	Telegraph Creek	3,012
19	NENE 28 5S 48E	Davis Oil Co. Ratliff 1-------	11-16-57	4,106	---do--------	Morrison-------	7,340
20	NWNE 3 5S 49E	Anschutz Drilling Co. Govt. 1-	11- 1-55	3,502	---do--------	Eagle----------	3,544
21	SENE 11 5S 50E	El Paso Natural Gas Co. Greer Drilling Co. Govt.-Carr.	12- 7-55	3,336	---do--------	Telegraph Creek	3,298
22	NENE 25 5S 51E	G. J. Greer-Lion Oil Co. Phillippi 1.	9-29-56	3,297	---do--------	---do----------	2,905
23	SENE 6 5S 52E	Lion Oil (Monsanto) Pilgrim Broadus 1.	6-17-56	3,194	---do--------	---do----------	2,863
24	NWNE 10 6S 51E	Davis Oil Co. Federal-Hornick 1	1- 7-58	3,281	---do--------	Lakota---------	5,745
25	SESW 17 6S 53E	Ryan Oil Co. Govt. 1----------	8-15-57	3,352	---do--------	Swift----------	5,800
26	SESW 1 8S 48E	R. Lacey Govt. 1--------------	10- 7-55	3,346	---do--------	Telegraph Creek	4,110
27	NESE 21 8S 48E	Grady Grigsby Williams 1------	8-20-56	3,312	---do--------	Eagle----------	4,159
28	NWSE 4 8S 52E	Gulf Oil Corp. Boyle 1--------	4-13-52	3,435	---do--------	Winnipeg-------	9,062
29	NESE 8 9S 50E	Pure Oil Co. Govt. 1----------	12-19-55	3,832	---do--------	Cretaceous-----	4,162
30	SWNW 10 9S 52E	Davis Oil Co. Federal-Evans 1--	1-25-58	3,313	---do--------	Morrison-------	5,506
		Prairie County					
1	NWNE 33 12N 53E	Phillips Petroleum, Amerada Petroleum, Northern Pacific R.R. 1 NPRR.	2-14-54	2,645	Fort Union---	Winnipeg-------	10,263
2	WNE 3 12N 56E	Shell Oil Co. unit 32-X-3-B-NP	12- 2-54	2,551	Fox Hills----	---do----------	9,702
3	NWNW 11 12N 56E	Shell Oil Co. unit 11X-11B----	7-30-56	2,622	---do--------	Red River------	9,222
4	SWNE 11 12N 56E	Shell Oil Co. unit 32-11-B----	5-12-53	2,591	---do--------	---do----------	9,148
5	SWSE 13 12N 56E	Shell Oil Co. unit 34-13-B----	10- 1-55	2,685	---do--------	---do----------	9,205
6	NESW 24 12N 56E	California-Canadian-Gateway Cedar Creek Govt. 1.	3-16-53	2,673	Hell Creek---	Silurian-------	9,473
7	NWSW 23 16N 50E	The Texas Co. Maciorski 1-----	7-12-52	3,065	Fort Union---	Winnipeg-------	10,762
		Richland County					
1	NWNW 20 23N 51E	Richey Oil Co. Otis Waters 1--	6-30-52	2,253	Fort Union---	Mission Canyon-	7,565
2	SWNW 21 23N 54E	Eramont et al. 1 NP-----------	4- 9-54	2,660	---do--------	Red River------	11,774
3	SWSW 17 23N 59E	Sun Oil Co. et al. Beagle Land & Livestock Co. 1.	7- 3-54	2,151	---do--------	Winnipeg-------	13,134
4	SENW 29 26N 51E	Shell Oil Co. Etzel 22-29-----	12- 1-52	2,313	---do--------	---do----------	10,128
5	NWSE 35 27N 51E	------------------------------	--------	-----	Bearpaw------	---------------	------
6	NWNE 26 27N 52E	Earl M. Cranston Govt. 1------	7-23-55	1,985	Fox Hills----	Mission Canyon-	6,993
		Roosevelt County					
1	NWSE 8 27N 50E	Deep Rock Oil Corp. Werner 1--	8- 5-52	1,960	Bearpaw------	Mission Canyon-	6,534
2	NENW 5 27N 51E	Delhi Oil Corp. Danielson 1---	11- 4-53	2,020	---do--------	---do----------	6,514
3	SESE 8 27N 51E	D. E. L. Byers, Jerome 1------	9-19-56	1,955	---do--------	Charles--------	5,989
4	SESE 7 27N 52E	J. D. Sprecher George Nick 1--	11-12-56	1,982	---do--------	Mission Canyon-	6,081
5(11) 2/	NWSW 29 27N 58E	Phillips Petroleum George R. Brown & Deep Rock Harmon 1.	2-10-55	2,049	Fort Union---	Red River------	12,628
6	NWSE 13 28N 50E	Carter Oil Co. R. W. Lowe 1---	5-28-53	2,101	Bearpaw------	Lodgepole------	6,625
7	SWSW 14 28N 50E	Murphy Corp. unit 22----------	4-25-53	2,177	---do--------	Charles--------	5,941
8	SWNW 4 28N 51E	Murphy Corp. unit 59----------	9-21-55	1,988	---do--------	Mission Canyon-	5,754
9	SWNE 12 28N 51E	Murphy Corp. unit 61----------	10-23-55	2,150	---do--------	Madison--------	5,943
10	NENW 16 28N 51E	Thomas-Wagner Albert Huber 1--	11-25-52	-----	---do--------	Charles--------	5,850
11	SWSE 22 28N 51E	Murphy Corp. unit 72----------	4- 8-56	2,146	---do--------	Madison--------	5,899
12	SWSW 24 28N 51E	Murphy Corp. unit 44----------	8-16-54	2,170	---do--------	---do----------	5,975
13	NENE 33 28N 51E	Ajax Oil Co. Patch 1----------	9-7-52	2,088	---do--------	---do----------	5,962
14	SWNE 18 28N 52E	C. H. Murphy unit 2-----------	4-20-52	2,124	---do--------	---do----------	6,286
		MONTANA Roosevelt County--Continued					
15	NWSW 14 28N 59E	Deep Rock Oil Co. Charles Le Page 1.	2- 4-55	2,239	Fort Union---	Mission Canyon-	9,548
16	SWSW 6 29N 51E	Richfield Oil Co. Lester 1-----	1-18-54	2,360	Hell Creek---	Madison--------	6,193
17	NWSE 8 29N 51E	Brooks & Sullivan Govt. 1------	12-15-53	2,052	Bearpaw------	Charles--------	5,987
18	NESE 8 29N 51E	Empire State Oil Smith 2-------	9- 4-53	2,037	---do--------	---do----------	6,075
19	NESW 9 29N 51E	M. R. Wagner Spindler 1--------	9-18-53	2,030	---do--------	Mission Canyon-	6,514
20	SESW 10 29N 51E	Ajax Oil Co. McGowan 1---------	5-16-52	2,076	---do--------	---do----------	6,270
21	SWSW 15 29N 51E	Murphy Corp.-Sohio-D'Orsey Tribal 1.	5-25-55	2,059	---do--------	Madison--------	5,905
22	SWSW 35 29N 51E	Murphy Corp. Unit 52-----------	3-15-55	2,135	---do--------	---do----------	5,950
23	SWNW 36 29N 51E	C. W. Williams Dupree 1--------	12-30-53	2,105	Bearpaw------	Charles--------	6,969
24	SESE 9 29N 50E	Ajax Oil Co. McGowan 2---------	4-24-53	2,385	Fox Hills----	Mission Canyon-	6,420
25	SWNE 12 29N 50E	Richfield Oil Ironbear 1-------	-53	2,262	---do--------	Madison--------	6,177
26	NESW 14 29N 50E	Anschutz Drilling Tribal 1-----	11- 9-56	2,366	---do--------	Charles--------	6,201
27	SENW 15 29N 50E	Ajax Oil Co. MacDonald 2-------	10-31-53	2,145	Bearpaw------	---do----------	6,143
28	NENW 15 29N 50E	Ajax Oil Co. MacDonald 3-------	7-28-53	2,147	Fox Hills----	---do----------	6,163
29	NWSW 18 29N 50E	Carter Oil Co. & Phillips Petroleum Corp. C-294.	8- 8-50	2,374	Bearpaw------	Chugwater------	5,050
30	NENE 20 29N 50E	Carter Oil Co. & Phillips Petroleum Corp. Harry Mason 1.	3- 5-54	2,366	---do--------	Silurian-------	8,649
31	SESW 23 29N 50E	Ajax Oil Co. Dupree 1----------	8- 1-53	2,240	---do--------	Mission Canyon-	6,034
32	SWSE 25 29N 50E	Murphy Corp. unit 46-----------	9-12-54	2,106	---do--------	Madison--------	5,864
33	SWSE 30 29N 50E	Calvert Drilling Charles Owen et al. 1.	7- 5-58	2,284	---do--------	Lodgepole------	6,720
34	NESW 2 29N 52E	Wilcox Moe 1-------------------	7-21-53	2,129	Hell Creek---	Mission Canyon-	7,635
35	SWSW 13 29N 52E	Wilcox Krall 1-----------------	6- 3-55	2,051	---do--------	Charles--------	7,550
36	NWSE 23 29N 54E	Mobil Producing Damm F-33-23-P-	11- 3-54	2,198	Fort Union---	Red River------	11,890
37	NWNE 6 29N 58E	Deep Rock Oil Corp. Picard 1---	12-24-52	2,229	---do--------	Lodgepole------	9,386
38	SWSW 1 30N 46E	Continental Oil Co. Landon 1---	11-24-54	2,715	---do--------	Mission Canyon-	6,560
39	SWSW 10 30N 46E	M. R. Wagner Carlson 1---------	12-14-55	2,700	---do--------	---do----------	6,414
40	NESE 14 30N 46E	Continental Oil Co. Fast 1-----	12-15-52	2,727	---do--------	---do----------	6,448
41	NWSE 14 30N 46E	Continental Oil Co. Fast 2-----	7-13-53	2,715	---do--------	Mission Canyon-	6,579
42	SESE 20 30N 48E	Phillips Petroleum Corp. Sethrie 1-A.	4- 5-57	2,605	---do--------	Winnipeg-------	9,386
43	NWSE 14 30N 49E	Sinclair Oil & Gas Ironbear 1--	7-26-54	2,521	---do--------	Mission Canyon-	6,870
44	SENW 16 30N 50E	J. P. Johnson Blair 1----------	7-24-54	2,235	---do--------	Jefferson------	8,070
45	SWSW 31 30N 50E	Carter Oil Co. Mason 5---------	8- 5-55	2,639	---do--------	Mission Canyon-	6,951
46	NWNE 21 30N 51E	Richfield Oil Co., Stanolind-Govt. 1.	12-31-56	2,152	---do--------	Charles--------	6,758
47	NESW 30 30N 51E	Richfield Oil Co. Hornung 1----	12-20-53	2,317	Fort Union---	---do----------	6,565
48	SESE 13 31N 46E	H. Mack Cox Eggum 1------------	10-19-55	2,780	---do--------	Mission Canyon-	7,000
49	NWNW 4 31N 50E	Ajax Oil Co. Paulson 1---------	2-10-53	2,320	---do--------	---do----------	7,004
50	NWSW 12 32N 49E	Skelly Oil Peterson 2----------	7- 3-56	2,434	---do--------	---do----------	6,587
51	SWNW 13 32N 49E	Earl M. Cranston, Rasmusen 2---	4-29-56	2,380	---do--------	---do----------	6,520
52	NENE 14 32N 49E	Phillips Petroleum Corp.-Continental Oil Co. Jens 1.	6- 2-56	2,375	---do--------	---do----------	6,600
53	NENW 2 32N 50E	The Texas Co. McGowan 1--------	11-12-57	2,667	---do--------	Winnipeg-------	10,202
54	SWNW 19 32N 50E	California Co. Tribal 13 1-----	9-22-55	2,400	---do--------	Mission Canyon-	7,228
55	NESE 28 32N 50E	J. D. Sprecher Ryan 1----------	12-21-56	2,655	---do--------	---do----------	7,050
		Sheridan County					
1	NWSW 2 32N 55E	Zach Brooks Larson 1-----------	8-31-53	2,028	Fort Union---	Lodgepole------	8,760
2	NWNE 5 33N 56E	The Texas Co. Mobil Prod. Co. Brekke 1.	9- 7-57	2,232	---do--------	---do----------	11,154
3	SENW 14 34N 54E	The Texas Co. L. Marsh 1-------	5-18-58	2,580	---do--------	---do----------	11,025
4	NENW 7 34N 52E	Hunt Oil Co. Hagan 1-----------	10-27-52	2,531	---do--------	Winnipegosis---	9,482
5	NESW 27 35N 54E	The Texas Co. McNulty 1--------	11- 2-56	2,196	---do--------	Charles--------	7,290
6	NWSE 13 35N 55E	Williston Pioneer Oil Corp. Pohle and Deardorf 1.	2-28-53	2,394	---do--------	Devonian-------	8,720
7	NENW 2 36N 51E	Amerada Petroleum Corp. Charles Grant 1.	6-28-57	2,351	---do--------	Winnipeg-------	9,785
8	NESE 18 36N 52E	Amerada Petroleum Corp. J. Dubois 1.	6- 3-58	2,315	---do--------	Red River------	9,760
9 1/	SWSE 21 36N 52E	Amerada Petroleum Corp. J. A. Thorson.	1-12-58	2,190	---do--------	---do----------	9,727
10	NESE 12 36N 53E	Amerada Petroleum Corp. R. Emilson 1.	10-27-57	2,356	---do--------	---do----------	10,249
11	SWNW 21 36N 53E	Amerada Petroleum Corp. L. Thorson 1.	11-11-57	2,300	---do--------	Mission Canyon-	9,440
12	SWNW 33 36N 53E	Amerada Petroleum Corp. A. Johnson 1.	11-13-57	2,313	---do--------	Cambrian-------	11,071
13	NENW 20 37N 52E	Amerada Petroleum Corp. J. H. Grinker 1.	9-26-57	2,466	---do--------	Winnipeg-------	10,054
14	SWSW 21 37N 52E	Amerada Petroleum Corp. Lander 1.	7-29-55	2,435	---do--------	Charles--------	6,234
15	NENW 4 37N 53E	Carter Oil Co. M. Nelson 1-----	12-18-57	2,491	---do--------	Winnipeg-------	10,215
		Valley County					
1	NWNE 14 27N 39E	Burt Fields Figmaka 1----------	9- 5-54	2,344	Bearpaw------	Winnipeg-------	7,495
2	SWSE 11 29N 40E	Amerada Petroleum Corp. Nyquist 1.	8- 1-56	2,439	---do--------	Charles--------	4,630
3	NESE 29 29N 40E	Amerada Petroleum Corp. Belzer 1.	8-31-55	2,347	---do--------	Duperow--------	6,097
4	SENE 26 30N 36E	Seaboard Oil Co. Loberg 1------	4- 6-56	2,470	---do--------	Precambrian----	7,770
5	SWNE 14 30N 38E	Gulf Oil Co. R. L. Cornwell 1--	10- 9-52	2,331	---do--------	Cambrian-------	7,037
6	SENW 5 30N 39E	Seaboard Oil Co. Govt. 1-------	9-14-54	2,500	---do--------	Winnipeg-------	7,218
7	SESE 12 30N 41E	Murphy Corp. Firemoon 1--------	3-12-54	2,733	---do--------	Cambrian-------	8,247
8	SENE 24 30N 45E	Phillips Petroleum Co. A. Schultz 1.	5-17-56	2,747	---do--------	Winnipeg-------	9,011
9	NENE 35 31N 37E	Northern Natural Gas Co. Betz 1	12-27-57	2,222	---do--------	Belle Fourche--	1,670
10	NESW 20 31N 38E	Seaboard Oil Co. Govt. 1-------	8-29-56	2,425	---do--------	Rierdon--------	3,458
11	NENE 23 31N 45E	Phillips Petroleum Co. Unruh 1-	3-11-57	2,895	Fort Union---	Duperow--------	7,499
12	SWNE 18 32N 38E	Seaboard Oil Co. unit 1--------	5-15-55	2,775	Bearpaw------	Cambrian-------	7,325
13	NENE 9 32N 42E	Gulf Oil, Sinclair Oil & Gas, Carter Oil Co. Lentzner 1.	4-27-55	2,945	---do--------	Winnipeg-------	8,377
14	SESW 30 33N 37E	Seaboard Oil Co. Govt. 1-------	7-13-57	2,432	---do--------	Rierdon--------	3,400
15	NESW 16 33N 43E	Carter Oil Co. Sam Smith 1-----	8- 9-56	2,942	Hell Creek---	Lodgepole------	6,356
16	NWSW 28 36N 41E	Gibraltar Oil Co. Larson 1-----	3-12-56	3,210	Fort Union---	---do----------	6,157
		Wibaux County					
1	NENE 8 11N 57E	Shell Oil Co. unit 41-8A-------	10-14-56	2,745	Fox Hills----	Red River------	9,260
2	SWNW 22 11N 57E	Shell Oil Co. unit 12-22A------	2-14-57	2,633	Pierre-------	---do----------	9,265
3	SWNE 19 12N 57E	Shell Oil Co. unit 32-19-------	4-30-56	2,705	---do--------	---do----------	9,135
4	NESW 20 12N 57E	Shell Oil Co. unit 23-20-------	4-19-53	2,641	---do--------	---do----------	9,165
5	NESW 30 12N 57E	Shell Oil Co. unit 23-30-------	1- 1-53	2,668	---do--------	---do----------	9,330
6	SWNE 34 12N 60E	Continental Oil Co. Beggar 1---	8-17-55	3,117	Fort Union---	Cambrian-------	11,424
7	NESW 29 14N 60E	Lion Oil Co. Lawrence 1--------	12-10-55	2,807	---do--------	Winnipeg-------	11,707
8 1/	SWSW 29 14N 60E	Lion Oil Co. Knight 1----------	10-28-54	2,765	---do--------	Red River------	11,153
		NORTH DAKOTA Billings County					
1	NWSW 14 137N 100W	Sun Oil Co. E. A. Smith 1------	3-31-57	2,821	Fort Union---	Otter----------	8,239
2	SENE 16 137N 100W	Northern Pump Co. State 1------	2- 4-58	2,895	---do--------	---do----------	8,296
3	NWNE 22 137N 100W	H. L. Hunt Leslie Fritz 1------	4-15-58	2,840	---do--------	---do----------	8,189
4	NWNW 23 137N 100W	Skelly Oil Co. G. Wog 1--------	9-31-57	2,840	---do--------	Kibbey---------	8,379
5	SESE 34 138N 100W	Stanolind Oil & Gas Co. Alfred Schwartz 1.	7- 4-55	2,818	---do--------	Mission Canyon-	9,410
6(15) 2/	SESE 17 143N 100W	Stanolind Oil & Gas Co. Northwestern Improvement 1.	8-28-54	2,793	---do--------	Winnipeg	13,888
7	SWNE 31 144N 100W	The Texas Co. Govt.-M.S. Pace 1	10-16-55	2,452	---do--------	Interlake of Baillie (1951)	12,000
		Bowman County					
1(6) 2/	NWNW 16 129N 104W	Hunt Oil Co. and Zach Brooks Drilling Co. State 1.	4- 2-54	3,200	Ludlow Member of Fort Union.	Cambrian-------	10,006
2 1/	NWSW 9 129N 106W	Carter Oil Co. Lewis-Allen Johnson 1.	1- 8-58	2,970	Pierre-------	---do----------	8,980
3	SESW 34 130N 103W	James H. Snowden et al. Morrison 1.	7-11-57	3,016	Ludlow Member of Fort Union.	Red River------	9,552
4(18) 2/	NWSW 13 132N 102W	Western Natural Gas Co. Truax-Traer 1.	4-12-54	3,062	Fort Union---	---do----------	10,628
		Burke County					
1	SWSE 16 159N 94W	Calvert Drilling Co. et al. State 1.	2- 4-57	2,198	Fort Union---	Interlake of Baillie (1951)	8,300
2	NWNW 29 159N 90W	Lowell J. Williamson; Calvert Drilling Co. Ray Bryant 1.	3-17-57	2,359	---do--------	Lodgepole------	8,088
3	NWSE 27 159N 94W	Warren Petroleum Co. Mathilda Johnson 1.	11-12-54	2,305	---do--------	Mission Canyon-	8,152
4	SWSW 28 159N 94W	Warren Petroleum Co. M. A. Setterlund 1.	5-25-55	2,338	---do--------	---do----------	8,138

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