

NORTH DAKOTA GEOLOGICAL SURVEY CIRCULAR NO. 5

Fourth Revision

1954

Well Data and Tops of Significant Wells

Introduction

This fourth revision includes information from all oil well records received through February 16, 1954. Since corrections and additions have been made, all previous issues of Circular 5 should be destroyed upon receipt of this revision.

Wells are listed by the N.D.G.S. file number for each particular well. Name, location, official permit number, elevation, total depth, and completion date are given in that order. Initial production information is the last item shown for each producing well with the first number indicating barrels per day, the second gravity of the oil, and the size of the choke third.

Tops listed herein should be used in preference to tops shown in circulars previously published for individual wells.

Pages 102 to 111 provide a list of wells for which samples are on hand at the North Dakota Geological Survey offices in Grand Forks.

Date of availability for study of samples depends on the operator, upon whose option information on any well may be kept confidential for a period of 6 months after completion.

1A. Pioneer Oil and Gas No. 1
 SW 29 - T. 154N. - R. 100W. - Williams County
 El.: Not known
 T.D.: - 2107 ?
 Comp: 1920
 Dry.

1. Des Lacs Western Oil Company, Blum #1
 Sw/4 - T. 155N. - R. 85W. - Ward County
 El.: 1987 Gr.
 T.D.: 3980
 Comp.: 1923
 Dry.

TOPS

From North Dakota Geological Survey Bulletin No. 12.

Pleistocene drift	0 - 60
Tertiary	
Fort Union	60 - 920
Cretaceous	
Hell Creek (Lance)	920 - 1300
Fox Hills	1300 - 1340
Pierre	1340 - 3133
Niobrara	3133 - 3400
Benton	3400 - 3980
Eddy (?)	3090 - 3924

2. Davis Well
 NW 17 - T. 129N. - R. 91W. - Adams County
 El.: Not known
 T.D.: 2800 (?)
 Comp.: 27 Apr 23
 Dry.

TOPS

Not reliable -- taken from drillers log.

Tertiary	
Tongue River	0 - 360
Cannonball	360 - 531
Cretaceous	
Hell Creek	531 - 615
Fox Hills (?)	615 - 905
Pierre	905 - 1471
Muddy	2800 (?)

3. Great Northern Oil and Gas Pipeline Co.
 S1/2 10 - T. 161N. - R. 80W.
 El.: Not known
 T.D.: 1980
 Comp.: Date unknown
 Dry.

4. A. C. Townley Interests, Robinson Patented, Land #1
NW NE 12 - T. 142N. - R. 72W. - Foster County
El.: 1800 Gr. ?
T.D.: 2400 ?
Comp.: 1926
Dry.
5. Glenfield Oil Co. #1
SE 18 - T. 146N. - R. 62W. - Foster County
El.: 1510 Gr.
T.D.: 3240
Comp.: 1928
Dry.

TOPS

Taken from N. D. Geological Survey Bulletin 12 with some changes.

Pleistocene	0 - 97
Unknown	97 - 187
Cretaceous	
Pierre	187
Niobrara	690
Greenhorn	1260
Dakota	1460
Unknown (Jurassic?)	1750
Possibly Richmond, more likely Ashern	1850
Silurian ?	2000
Stony Mountain	2180
Pre Cambrian	3090

6. Northwest Oil Company
NE 27 - T. 163N. - R. 95W. - Divide County
El.: Not known
T.D. 1452
Comp.: 1927 ?
Dry.

TOPS

Pleistocene	0 - 85
Tertiary	
Fort Union	85 - 905
Cretaceous	
Hell Creek	905 - 1150
Fox Hills	1150 - 1205
Pierre	1205

7. Herman Hanson Oil Syndicate #1
Sec. 3 - T. 146N. - R. 81W. - McLean County
El.: 1928 Gr. ?
T.D.: 1840
Comp.: 18 Aug 1939
Dry.

8. Prairie Oil and Gas, Armstrong #1
 SW SW 2 - T. 140N. - R. 73W. - Kidder County
 El.: 1805 Gr.
 T.D.: 3884
 Comp.: 15 Jan 1930
 Dry.

TOPS

Taken in part from. N. D. Geological Survey Bulletin No. 12.

Pleistocene	0 - 56
Cretaceous	
Pierre	56 - 1790
Niobrara	1790 - 1870
Benton	1870 - 2345
Dakota	2345 - 2375
Fuson	2375 - 2457
Lakota	2457 - 2535
Jurassic	2535 - 2770
Triassic	2770 - 2990
Mississippian	
Big Snowy	2990 - 3490
Madison	3490 - 3884 T.D.

9. A. R. Jones Oil and Operating Co., Gehrenger #1
 SE 17 - T. 161N. - R. 84W. - Renville County
 El.: 1660 Gr.
 T.D.: 3872
 Comp.: 1931
 Dry.

TOPS

Pleistocene	0 - 65
Tertiary	
Fort Union	65 - 272
Cretaceous	
Hell Creek	272 - 490
Fox Hills	490 - 600
Pierre	600 - 2420
Niobrara	2420 - 2600
Benton	2600 - 3200
Dakota	3200 - 3240
Fuson	3240 - 3270
Lakota	3270 - 3290
Jurassic	3290 - 3872 T.D.

10. Velva Petroleum Co.
 NW NE 18 - T. 155N. - R. 83W. - Ward County
 El.: Not known
 T.D.: 520
 Comp.: 25 Mar 1931
 Dry.

11. D. J. Carter, Burnstad #1
 SE SE 26 - T. 134N. - R. 72W. - Logan County
 El.: 1964 Gr.?
 T.D.: 2284
 Comp.: 1933 (?)
 Dry.

TOPS

Pleistocene	0 - 95
Cretaceous	
Fox Hills	95 - 137
Pierre	137 - 1190
Niobrara	1190 - 1370
Benton	1370 - 2091
Dakota	2091 - 2107
Fuson	2107 - 2192
Lakota	2192 - 2284 T.D.

12. Big Viking Oil Company #1
 SW NE 3 - T. 154N. - R. 96W. - Williams County
 El.: 1870 Gr.?
 T.D.: 4642
 Comp.: 1935
 Dry.

TOPS

Tertiary	
Fort Union	0 - 600
Cretaceous	
Hell Creek	600 - 915
Fox Halls	915 - 945
Pierre	945 - 2890
Niobrara	2890- 3580
Benton	3580 - 4195
Dakota	4195 - 4642 T.D.

13. California Co., Nels Kamp #1
 NW NE 3 - T. 154N. - R. 96W. - Williams County
 El.: 1918 Gr.
 T.D.: 10,281
 Comp.: 15 Aug 1938
 Dry.

TOPS

Taken from North Dakota Geological Survey Bulletin No. 21.

Tertiary	
Fort Union	0 - 800
Cretaceous	
Hell Creek	800 - 910
Fox Hills	910 - 1010
Pierre	1010 - 3060
Niobrara	3060 - *
Greenhorn	3420 - 3610 *

NelsKamp (continued)

Dakota group	4220 - 4620
Jurassic	
Morrison	4620 - 4880
Sundance	4880 - 5520
Triassic	5520 - 6490
Mississippian	
Amsden	6490 - 6740
Heath and Otter	6740 - 7020
Kibbey	7020 - 7320
Charles	7320 - 8130
Mission Canyon	8130 - 8660
Lodgepole	8660 - 9540
Kinderhook	9540 - 9650
Devonian	9650

14. Carter Oil Co., Stratigraphic test
 NE NW 22 - T. 136N. - R. 83W. - Morton County
 No permit required
 El.: 2219 Gr.
 T.D.: 4930
 Comp.: Oct 1940
 Dry.

TOPS

Tertiary	
Cannonball	0 - 265
Cretaceous	
Hell Creek	265 - 700
Fox Hills	700 - 1010
Pierre	1010 - 2145
Niobrara	2145 - 2315
Carlile	2315 - 2830
Graneros	2830 - 3525
Dakota	3525 - 3670
Lakota	3670 - 3675
Jurassic	
Morrison	3675- 3750
Sundance	3750 - 4180
Triassic	
Spearfish	4180 - 4448
Mississippian	
Amsden ?)	4448 - 4618
Big Snowy	4618 - 4930 T.D.

15. Carter Oil Company, E.L. Semling #1
 C SE SE 18 - T. 141N.- R. 81W. - Oliver County
 Permit #1
 El.: 2033 D.F.
 T.D.: 8850
 Comp.: 26 Aug 1942
 Dry.

Semling (continued)

TOPS

Niobrara	2280
Greenhorn	2806
Dakota	3460
Morrison	3670
Sundance	3700
Piper lime	4170
Spearfish	4400
Amsden	4485
Big Snowy	4680
Kibbey	4929
Charles	5045
Mission Canyon	5430
Lodgepole	5752
Englewood	6350
Lyleton	6375
Nisku	6438
Duperow	6515
Souris River	6750
Dawson Bay	6860
Prairie Evaporites	7070
Winnipegosis	7125
Ashern	7175
Interlake	7222
Upper Stony Mountain	7448
Lower Stony Mountain	7555
Red River	7646
Winnipeg Shale	8320
Winnipeg Sand	8465
Pre Cambrian	8835

16. Northern Ordnance, Franklin Investment Company #1
C NW NW 35 - T. 133N. - R. 75W. - Emmons County
Permit #2
El.: 1909 D.F.
T.D.: 5359
Comp.: 22 July 1943
Dry.

TOPS

By North Dakota Geological Survey

Niobrara	1268
Greenhorn	1815
"Muddy"	2257
Dakota	2458
Morrison	2752
Sundance	2762
Piper lime	2866
Spearfish	2945
Amsden	2985
Big Snowy	3057

Franklin Investment Co. (continued)

TOPS

Charles	3187
Mission Canyon	3310
Lodgepole	3540
Englewood	3880
Devonian - undiff	3935
Interlake	4130
Upper Stony Mountain	4145
Lower Stony Mountain	4195
Red River	4300
Upper Winnipeg Sand	4885
Winnipeg Shale	4912
Winnipeg Sand	5062
Pre Cambrian	5345

17. H. W. Snowden, Ruddy Bros. #1
 NW SW 11 - T. 132N. - R. 48W. - Richland County
 Permit #3-A
 El.: 955 D.F.
 T.D.: 695
 Comp.: 19 Aug 1948
 Dry.

TOPS

Pleistocene	
Glacial drift and lake clay	0 - 280
Pre-Cambrian granite	280 - 695 T.D.

18. Price Drilling Company, J. H. Kline #1
 SE 16 - T. 157N. - R. 85W. - Ward County
 Permit #4-A
 El.: 1679 Gr.
 T.D.: 8435
 Comp.: 26 Nov 1949
 Dry.

TOPS

Pierre	926
Niobrara	2330
Greenhorn	2787
Dakota	3400
Morrison	3767
Sundance	3893
Piper (Sawtooth)	4430
Spearfish	4680
Big Snowy	4945
Charles	5070
Mission Canyon	5704
Lodgepole	6032
Englewood	6720
Lyleton	6740

Kline (continued)

TOPS

Nisku	6930
Duperow	7027
Souris River	7455
Dawson Bay	7720
Prairie Evaporites	7890

(Poor logs, no tops picked below Prairie Evaporites)

19. Continental-Pure, Davidson #1, Stratigraphic test
SW SW SW 6 - T. 140N.- R. 77W. - Burleigh County
No permit required
El.: 1909 K.B.
T.D.: 6957
Comp.: 15 Oct 1949
Dry.

TOPS

By North Dakota Geological Survey

Niobrara	1622
Greenhorn	2170
Dakota	2810
Morrison	2925
Sundance	3034
Piper lime	3360
Spearfish	3548
Amsden	3604
Big Snowy	3626
Charles	3868
Mission Canyon	4165
Lodgepole	4468
Englewood	4923
Nisku	5005
Devonian - undiff	5075
Ashern	5253
Silurian Interlake	5282
Upper Stony Mountain	5688
Lower Stony Mountain	5753
Red River	5850
Winnipeg Shale	6488
Winnipeg Sand	6660
Pre-Cambrian	6945

20. Union Oil Co., Aanstad Stratigraphic test #1
NE 29 - T. 158N. - R. 62W. - Ramsey County
No permit required
El.: 1544 K.B.
T.D.: 3223
Comp.: 11 Nov 1949
Dry.

Aanstad Stratigraphic test #1 (continued)

TOPS

Niobrara	533
Greenhorn	945
Cretaceous	
Dakota	1307
Jurassic	
Sundance	1500
Piper	1685
Triassic	
Spearfish ?	1880
Devonian - undiff	1976
Ashern	2100
Silurian	
Interlake	2143
Ordovician	
Upper Stony Mountain	2329
Lower Stony Mountain	2392
Red River	2480
Winnipeg Shale	3045
Granite	3221

21. Kelly - Plymouth, Fritz Leutz #1
 NW NE 28 - T. 142N. -R. 89W. - Mercer County
 Permit #38
 El.: 2284 ground
 T.D.: 12,526
 Comp.: 5 Oct 1950
 Dry.

TOPS

By North Dakota Geological Survey

Pierre	1640
Niobrara	3390 ?
Greenhorn	3960
"Muddy"	4430
Dakota	4690
Morrison	5020
Sundance	5093
Piper lime	5754
Spearfish	5920
Minnekahta	6040
Opeche	6070
Minnelusa	6228
Amsden	6403
Big Snowy	6600
Kibbey	7065
Charles	7290
Mission Canyon	7860
Lodgepole	8250

Kelly-Plymouth, Fritz Leutz (continued)

TOPS

Englewood	8970
Lyleton	9000
Nisku	9220
Duperow	9310
Souris River	9590
Dawson Bay	9850
Elk Point Group	9970
Ashern	10,130
Interlake	10,215
Upper Stony Mountain	10,940
Lower Stony Mountain	11,075
Red River	11,156
Winnipeg	11,880
Winnipeg Sand	12,010
T.D.	12,526

22. Samedan Oil Corporation, Vaughn Hanson #1
NE 10 - T. 146N. - R. 81W. - McLean County
Permit #39
El.: 1994 K.B.
T.D.: 9032
Comp.: 4 Oct 1950
Dry.

TOPS

Pierre Formation	936
Niobrara	2100
Greenhorn	2790
Dakota	3426
Morrison	3709
Sundance	3778
Piper	4240
Spearfish	4460
Amsden	4548
Big Snowy Group	4620
Kibbey	4870
Charles	5039
Mission Canyon	5450
Lodgepole	5810
Englewood	6452
Lyleton	6505
Nisku	6588
Duperow	6665
Souris River	6952
Dawson Bar	7095
Prairie Evaporite	7300
Winnipegosis	7341
Ashern	7465
Interlake	7490

Samedan, Vaughn Hanson (continued)

TOPS

Upper Stony Mountain	7895
Lower Stony Mountain	8000
Red River	8095
Winnipeg	8750
Winnipeg Sandstone	8894
T.D.	9033

23. Roeser-Pendleton J. J. Weber #1
SE 35 - T. 133N. - R. 76W. - Emmons County
Permit #40
El.: 2012 K.B.
T.D.: 5556
Comp.: 19 Sept 1950
Dry.

TOPS

By North Dakota Geological Survey

Cretaceous	
Niobrara	1275
Greenhorn	1855
"Muddy"	2288
Dakota	2500
Jurassic	
Morrison	2662
Sundance	2695
Piper lime	2845
Triassic	
Spearfish	3028
Mississippian	
Amsden	3055
Big Snowy	3105
Charles	3290
Mission Canyon	3428
Lodgepole	3690
Englewood	4010
Devonian - undiff	4065
Silurian	
Interlake	4287
Ordovician	
Upper Stony Mountain	4330
Lower Stony Mountain	4377
Red River	4470
Upper Winnipeg sand	5050
Winnipeg shale	5087
Winnipeg sand	5242
Pre-Cambrian	
Granite	5543

24. Magnolia Petroleum Co., Dakota A. Stratigraphic test
 NE 36 - T. 141N. - R. 73W. - Kidder County
 No Permit required
 El.: 1962 ground
 T.D.: 5609
 Comp.: 21 Dec 1950
 Dry.

TOPS

By North Dakota Geological Survey

Cretaceous	
Pierre	428
Niobrara	1455
Greenhorn	1923
"Muddy"	2250
Dakota	2500
Jurassic	
Morrison	2706
Sundance	2740
Piper lime	2933
Mississippian	
Amsden	3070
Charles	3105
Mission Canyon	3390
Lodgepole	3593
Englewood	3932
Devonian - undiff	4000
Silurian	
Interlake	4290
Ordovician	
Upper Stony Mountain	4440
Lower Stony Mountain	4485
Red River	4582
Winnipeg shale	5178
Winnipeg sand	5362
Granite	5596

25. Amerada Petroleum Corp., Clarence Iverson #1
 C SW SW 6 - T. 155N. - R. 95W. - Williams County
 Permit #41
 El.: 2390 K.B.
 T.D.: 11,955
 Comp.: 17 Dec 1951
 I.P.: 677/43.0/ 1/4"

TOPS

By North Dakota Geological Survey

Tertiary	
Cretaceous	
Pierre	1453
Niobrara	2963
Greenhorn	3865

Amerada Clarence Iverson #1 (continued)

TOPS

Muddy	4336
Dakota	4615
Jurassic	
Morrison	4994
Sundance	5188
Piper	5735
Triassic	
Spearfish	5993
Mississippian	
Amsden	6764
Heath	7000
Kibbey	7473
Charles	7633
Mission Canyon	8260
Lodgepole	8569
Englewood	9815
Devonian	
Lyleton	9950
Nisku	10,100
Duperow	10,198
Souris River	10,587
Dawson Bay	10,875
Prarie Evaporites	11,023
Ashern	11,607
Silurian	11,628

26. Phillips - Carter, Dakota #1
 NW 1/4 29 - T. 136N. - R. 81W. - Morton County
 Permit #42
 El.: 1991 ground
 T.D.: 7790
 Comp.: 8 June 1951
 Dry.

TOPS

By North Dakota Geological Survey

Pierre	722
Niobrara	1670
Greenhorn	2453
Muddy	2880
Dakota	3105
Morrison	3205
Sundance	3250
Piper lime	3650
Spearfish	3870
Amsden	3930
Big-Snowy	4180
Charles	4410
Mission Canyon	4760
Lodgepole	5032

Phillips-Carter, Dakota A #1(continued)

TOPS

Englewood	5582
Nisku	5640
Duperow	5700
Souris River	5880
Dawson Bay	5963
Elk Point group	6050
Interlake	6100
Upper Stony Mountain	6315
Lower Stony Mountain	6398
Red River	6495
Winnipeg shale	7123
Winnipeg sand	7318
Pre-Cambrian	7764

27. Union Oil Company, Chris Skjervheim #1
C NW NE 28 - T. 159N. - R. 63W. - Cavalier County
Permit #45
El.: 1554 ground
T.D.: 3409
Comp.: 7 July 1951
Dry.

TOPS

By North Dakota Geological Survey

Niobrara	620
Greenhorn	910
Dakota	1270
Morrison	1365
Sundance	1400
Mississippian	1475
Nisku	1600
Duperow	1640
Souris River	1980
Dawson Bay	2042
Ashern	2273
Silurian Interlake	2300
Upper Stony Mountain	2510
Lower Stony Mountain	2590
Red River	2680
Winnipeg shale	3220
Pre-Cambrian	3406

28. Turner Oil Company, L. G. Gapp #1
NE SW 7 - T. 163N.- R. 55W. - Pembina County
Permit #46
El.: not known
T.D.: 1095
Comp.: 1951
Dry.

Turner - Z. G. Gapp #1 (continued)

TOPS

Spearfish	367
Silurian	502
Stony Mountain	670
Red River	742

29. Red River Development and Oil Company, Edgar Berg #1
 SW 35 - T. 152N. - R. 51W. - Grand Forks County
 Permit #5-A and 44
 El.: 844 ground
 T.D.: 2051
 Comp.: 14 Aug 1951
 Pre-Cambrian at 500'.
 Dry.

TOPS

By-North Dakota Geological Survey

Dakota ?	225
Silurian ?	250
Ordovician ?	300 or 360
Winnipeg	430
Pre-Cambrian	500

30. Ajax Oil Corporation, Bell #1
 NE NE 28 - T. 158N. - R. 72W. - Pierce County
 Permit #43
 El.: 1510 ground
 T.D.: 5383
 Comp.: 18 Oct 1951
 Dry.

TOPS

By North Dakota Geological Survey

Niobrara	1087
Greenhorn	1500
Dakota	1942
Morrison	2058
Sundance	2156
Piper lime	2412
Mission Canyon ?	2612
Lodgepole	2695
Sample tops	
Englewood	3270
Devonian	3300
Ashern	4150
Silurian	4200
Stony Mountain shale	4650
Red River	4730
Winnipeg	5230

31. Union Oil Company, Lilliam Wohletz #1
 C NW SW 32 - T. 160N. - R. 60W. - Cavalier County
 Permit #48
 El.: 1612 K.B.
 T.D.: 2765
 Comp.: 8 Aug 1951
32. Amerada Petroleum Corporation, Henry O. Bakken #1
 SW NW 12 - T. 157N. -R. 95W. - Williams County
 Permit #49
 El.: 2442 ground
 T.D.: 13,707
 Comp.: 14 April 1952
 I.P.: 217/44.1/12/64"

TOPS

By NorthDakota Geological Survey

Pierre	1803
Niobrara	3730
Greenhorn	4127
"Muddy"	4543
Dakota	4817
Morrison	5230
Sundance	5420
Piper lime	5960
Spearfish	6242
Amsden	6750
Heath 6910	
Kibbey	7340
Charles	7500
Mission Canyon	8080
Lodgepole	8500
Englewood	9615
Lyleton	9790
Nisku	9910
Duperow	10,015
Souris River	10,445
Dawson Bay	10,760
Prarie Evaporites	10,900
Winnipegosis	11,263
Ashern	11,455
Interlake	11,585
Upper Stony Mountain	12,655
Lower Stony Mountain	12,755
Red River	12,825
Winnipeg Shale	13,410
Winnipeg sand	13,559

33. Amerada Petroleum Corporation, Ben Homer Risser #1
 SW SE 12 - T. 149N. - R. 96W. - McKenzie County
 Permit #50
 El.: 2448.6

Amerada - Ben Homer Risser(continued)

T.D.: 13,773
Comp.: 19 May 1952
I.P.: 70/41.8/ 1/2"

TOPS

By North Dakota Geological Survey

Pierre shale	1865
Niobrara	3437
Greenhorn	4495
Dakota	5275
Morrison ?	5705
Sundance	5905
Piper lime	6410
Spearfish	6710
Minnekahta	7512
Opeche	7648
Minnelusa	7740
Amsden	7825
Kibbey	8445
Charles	8603
Mission Canyon	9235
Lodgepole	9655
Englewood	10,905
Lyleton	11,005
Nisku	11,215
Duperow	11,323
Souris River	11,670
Dawson Bay	11,910
Prairie Evaporites	12,252
Ashern	12,610
Interlake	12,638
Lower Stony Mountain	13,035 (rad. log)
Red River	13,170
34. Near Concord Development Corp., Math Iverson #1	
C NE NW 18 - T. 155N. - R. 95W. - Williams County	
Permit #47	
El.: 2326 K.B.	
T.D.: 12,001	
Comp.: 28 April 1952	
I.P.: 596/45.5/ 1/4"	
35. Amerada Petroleum Corporation, Paler Dilland #1	
C SW NE 31 - T. 156N. - R. 95W. - Williams County	
Permit #51	
El.: 2316 ground	
T.D.: 13,325	
Comp.: 26 April 1952	
I.P.: 503/43.0/ 1/4"	

Amerada - Palmer Dilland #1(continued)

TOPS

By of the North Dakota Geological Survey

Pierre	1453
Niobrara	2965
Greenhorn	3864
"Muddy"	4326
Dakota	4600
Morrison	5002
Sundance	5185
Piper 5726	
(Plus 200 feet of unidentified moderate reddish brown fine drained sandstone - Piper ? Permian ? Pennsylvanian?)	
Spearfish	6222
Amsden	6732
Heath	6988 (radioactivity log)
Kibbey	7416 (radioactivity log)
Charles	7590
Mission Canyon	8178 (radioactivity log)
Lodgepole	8462
Englewood	9736
Lyleton	9923 (9860 on sample log ?)
Nisku	10,040
Duperow	10,135
Dawson Bay	10,850
Ashern	11,620 ? (sample log)
Stonewall	11,660 ? (sample log)
Stony Mountain shale	12,850 ? (sample log)
Red River	12,925 ? (sample log)
36. Union Oil Company of California - Los Neitos Union Central Life Insurance Company, Ellis #1	
NW NE Sec. 12 - T. 161N. - R. 60W. - Cavalier County	
Permit #52	
El.: 1646 K.B.	
T.D.: 2271	
Comp.: 3 Sept 1951	
Dry.	
37. Union Oil Company of California - Los Neitos, Restad #1	
SW NW 26 - T. 162N. - R. 64W. - Cavalier County	
Permit #53	
El.: 1630 K.B.	
T.D.: 3380	
Comp.: 6 Oct 1951	
Dry.	

TOPS

Niobrara	618
Greenhorn	1013
Dakota	1352

Union - Restad #1 (continued)

TOPS

Sundance	1483
Nisku	1690
Duperow	1720
Souris River	2102
Dawson Bay	2140
Ashern	2395
Interlake	2422
Upper Stony Mountain	2695
Lower Stony Mountain	2775
Red River	2860

38. The California Company, Blanche Thompson #1
SW SE 31 - T. 160N. - R. 81W.- Bottineau County
Permit #54
El.: 1526 D.F.
T.D.: 8262
Comp.: 18 Feb 1952
Dry.

TOPS

By Dakota Geological Survey

Niobrara	1645
Greenhorn	1985
Dakota ?	2500
Morrison	2860
Sundance	2955
Piper lime	3400
Spearfish	3625
Charles	3860
Mission Canyon	4236
Lodgepole	4660
Englewood	5340
Lyleton	5365
Nisku	5460
Duperow	5594
Souris River	5920
Dawson Bay	6108
Prairie Evaporites	6255
Winnipegosis	6357
Ashern	6526
Interlake	6565
Upper Stony Mountain	7073
Lower Stony Mountain	7175
Red River	7245
Winnipeg shale	7865
Winnipeg sand	7968
Pre-Cambrian	8245

(tops above the Mission Canyon are by electric log correlation)

39. Hunt Oil Company - W. B. Shoemaker #1
 NE/4 SW/4 Sec. 3 - T. 157N. - R. 78W. - McHenry County
 Permit #61
 El.: 1480 D.F.
 T.D.: 7218
 Comp.: 7 Mar 1952
 Dry.

TOPS

By North Dakota Geological Survey

Niobrara	1235
Greenhorn	1813
Dakota	2290
Morrison	2587
Sundance	2700
Piper lime	3067
Spearfish	3276
Charles	3460
Mission Canyon	3762
Lodgepole	4005
Englewood	4645
Lyleton	4677
Nisku	4724
Duperow	4812
Souris River	5159
Dawson Bay	5400
Prairie Evaporites	5550
Winnipegosis	5610
Ashern	5726
Interlake	5750
Upper Stony Mountain	6097
Lower Stony fountain	6207
Red River	6270
Winnipeg shale	6900
Winnipeg g sand	7020
Pre-Cambrian	7203

40. Barnett Drilling Incorporated, John Gaier #1
 NW NW Sec. 11 - T. 141N. - R. 67W. Stutsman County
 Permit #55
 El.: 1857 ground
 T.D.: 4145
 Comp.: 3 Dec 1951
 Dry.

TOPS

(Electric log) by North Dakota Geological Survey

Niobrara	1048
Greenhorn	1555
Muddy	1895
Dakota	2052
Morrison	2271

Barnett - John Gaier #1 (continued)

TOPS

Sundance	2300
Piper	2340
Mission Canyon ?	2428
Lodgepole	2515
Englewood	2856
Devonian - undiff	2905
Silurian Interlake	2995
Upper Stony Mountain	3045
Lower Stony Mountain	3125
Red River	3218
Winnipeg shale	3790
Winnipeg sand	3987
Pre-Cambrian	4140

41. Amerada Petroleum Corporation, Kermit Halvorson #1
NE SE Sec. 26 - T. 152N. - R. 96W. - McKenzie County
Permit #57
El.: 2358 K.B.
T.D.: 9705
Comp.: 22 April 1952
Dry.
42. Amerada Petroleum Corporation, North Dakota "A" Unit #1
NE SE Sec. 16 - T. 156N.- R. 95W. - Williams County
Permit #58
El.: 2332 D.F.
T.D.: 8595
Comp.: 11 Feb 1952
I.P.: 521/42.4/ 1/4"
43. Peak Drilling Company Olhauser #1
NE SE Sec. 8 - T. 132N. - R. 78W. - Emmons County
Permit #56
El.: 1820 D.F.
T.D.: 5885_
Comp.: 8 Feb 1952
Dry.

TOPS

Niobrara	1210
Greenhorn	1820
Muddy	2268
Dakota	2475
Morrison	2595
Sundance	2660
Piper lime	2865
Spearfish	3020
Amsden	3050
Big Snowy	3212

Peak - Ohlauser #1 (continued)

TOPS

	Charles	3366
	Mission Canyon	3575
	Lodgepole	3900
	Englewood	4200
	Devonian - undiff	4243
	Interlake	4492
	Upper Stony Mountain	4600
	Lower Stony Mountain	4650
	Red River	4748
	Upper Winnipeg sand	5350
	Winnipeg shale	5402
	Winnipeg sand	5539
44.	Amerada Petroleum Corporation, Nels Odegaard #1 NE NE Sec. 33 - T. 156N. - R. 95W. - Williams County Permit #60 El.: 2378 K.B. T.D.: 12,098 Comp.: 20 June 1952 Dry.	
45.	Amerada Petroleum Corporation, Josie Knutson #1 NE NE Sec. 36 - T. 156N. - R. 96W. - Williams County Permit #59 El.: 2354 ground T.D.: 8612 Comp.: 25 Mar 1952 I.P.: 540/43.2/ 1/4"	
46.	Amerada Petroleum Corporation, Marvin Iverson #1 NE SE Sec. 1 - T. 155N. - R. 96W. - Williams County Permit #63 El.: 2372 ground T.D.: 8609 Comp.: 15 Mar 1952 I.P.: 533/42.9/ 1/4"	
47.	William Herbert HuntEstate., Joe H. and Anna Wald #1 SE SW Sec. 23 - T. 155N. - R. 81W. - Ward County Permit #62 El.: 1596 D.F. T.D.: 8646 Comp.: 22 Apr 1952 Dry.	

TOPS

By Anderson, North Dakota Geological Survey

Pierre	550
Niobrara	1793

W. H. Hunt Estate - Wald #1 (continued)

TOPS

Greenhorn	2250	
Dakota	2837	(elec. log)
Morrison	3023	
Sundance	3140	
Piper lime	3682	
Spearfish	3895	
Charles	4180	
Mission Canyon	4765	
Lodgepole	5065	
Englewood	5730	
Lyleton	5750	
Nisku	5840	
Duperow	5930	
Souris River	6255	
Dawson Bay	6500	
Prairie Evaporites	6650	?
Winnipegosis	6740	
Ashern	6920	
Interlake	6952	
Upper Stony Mountain	7372	
Lower Stony Mountain	7490	
Red River	7560	
Winnipeg shale	8210	
Winnipeg sandstone	8395	
Pre-Cambrian	8617	

48. Champlin Refining Company - Tank #1
NE SE Sec. 7 - T. 156N. - R. 96W. - Williams County
Permit #65
El.: 2311 D.F.
Comp.: 23 Sept 1952
T.D.: 12,232
Dry.

49. Stanolind Oil and Gas Company - McLean County #1
SW SW Sec. 28 - T. 150N. - R. 80W. - McLean County
Permit #64
El.: 2081 ground
Depth: 8900
Comp.: 4 June 1952
Dry.

TOPS

By Anderson, North Dakota Geological Survey

Pierre	1110
Niobrara	2292
Greenhorn	2787
Dakota	3416

Stanolind - Mclean County #1 (continued)

TOPS

	Morrison	3600
	Sundance	3670
	Piper lime	4200
	Spearfish	4450
	Amsden	4565
	Big Snowy	4612
	Kibbey	4712
	Charles	4875
	Mission Canyon	5335
	Lodgepole	5685
	Englewood	6330
	Lyleton	6375
	Nisku	6458
	Duperow	6535
	Souris River	6822
	Dawson Bay	6990
	Prairie Evaporites	7190
	Winnipegosis	7245
	Ashem	7375
	Interlake	7405
	Upper Stony Mountain	7810
	Lower Stony Mountain	7915
	Red River	7997
	Winnipeg shale	8640
	Winnipeg sandstone	8680
50.	Amerada Petroleum Corporation - Alvin Iverson #1	
	C NE SE Sec. 14 - T. 155N.- R. 96W. - Williams County	
	Permit #67	
	El.: 2248 ground	
	T.D.: 8600	
	Comp.: 27 May 1952	
	I.P.: 60/40.1/ 3/8"	
51.	Amerada Petroleum Corp., Clifford Nylander #1	
	SW NE Sec. 15 - T. 156N. - R. 95W. - Williams County	
	Permit #66	
	El.: 2305 ground	
	T.D.: 8596	
	Comp.: 5 April 1952	
	I.P.: 369/42.2/ 1/4"	
52.	Wanete Oil Company - M. O. Lee, et al #1	
	C NE NE Sec. 24 - T. 156N. - R. 85W. - Ward county	
	Permit #68	
	El.: 1824 ground	
	T.D.: 10,137	
	Comp.: 29 July 1952	
	Dry.	

Wanete - Lee #1 (continued)

TOPS

Niobrara	2410	
Greenhorn	2900	
Dakota	3510	
Morrison	3840	
Sundance	3985	
Piper lime	4500	
Spearfish	4705	
Big snowy	5000	
Kibbey	5108	
Charles	5215	
Mission Canyon	5755	
Lodgepole	6100	
Englewood	6760	(radioactivity log)
Lyleton	6780	(radioactivity log)
Nisku 6963		
Duperow	7050	
Souris River	7470	
Dawson Bay	7750	
Prairie Evaporites	7890	
Winnipegosis	8260	
Ashern	8390	
Interlake	8405	
Upper Stony Mountain	9112	
Lower Stony Mountain	9212	
Red River	9290	
Winnipeg shale	9937	
Winnipeg sandstone	10,080	
Total Depth	10,137	

53. Hunt Oil Company, Marvin Nylander #1
NW SW Sec. 15 - T. 156N. - R. 95W. - Williams County
Permit #69
El.: 2304 ground
T.D.: 8610
Comp.: 2 July 1952
I.P.: 614/44.1/ 1/4"
54. Hunt Oil Company., Marvin Nylander #2
SE NW Sec. 15 - T. 156N. - R. 95W. - Williams County
Permit #70
El.: 2314 ground
T.D.: 8575
Comp.: 12 Aug 1952
I.P.: 840/44.6/ 1/4"
55. Hunt Oil Company, Sivert Rye #1
NW NW Sec. 31 - T. 156N. - R. 95W. - Williams County
Permit #71
El.: 2337 ground
T.D.: 8630
Comp.: 3 July 1952
I.P.: 624/44.3/ 1/4"

56. Amerada Petroleum Corp., Edwin Heen #1
 SW SW Sec. 15 - T. 156N. - R. 95W. - Williams County
 Permit #72
 El.: 2313 ground
 T.D.: 8575
 Comp.: 20 May 1952
 I.P.: 400/39.5/ 1/4"
57. Amerada Petroleum Corp., Almer Iverson Tract 1, #1
 NE NE Sec. 12 - T. 155N. - R. 96W. - Williams County
 Permit #73
 El.: 2376 ground
 T.D.: 8690
 Comp.: 10 May 1952
 I.P.: 407/42.2/ 1/4"
58. Tioga Petroleum Corporation, Chester Nelson, et al, #1
 SW SE Sec, 30 - T. 157N. - R. 95W. - Williams County
 Permit #74
 El.: 2412 (est)
 Permit granted March, 1952, never used.
59. Amerada Petroleum Corp., Lars Fretland #1
 SE Sec. 25 - T. 156N. - R. 96W. - Williams County
 Permit #75
 El.: 2373 ground
 T.D.: 8685
 Comp.: 21 May 1952
 .P.: 223/40.8/ 1/2"
60. New Concord DevelopmentCorp, Math Iverson #1-B
 NW Sec. 18 - T. 155N. - R. 95W. - Williams County
 Permit #76
 El.: 2321 K.B.
 T.D.: 8565
 Comp.: 8 Sept 1952
 I.P.: 596/45.5/ 1/4"
61. Hunt Oil Company Peter Lennertz #1
 NW SE Sec. 17 - T. 153N. - R. 77W. - McHenry County
 Permit #77
 El.: 1570 D.F.
 T.D.: 7210
 Comp.: 31 May 1952
 Dry.

TOPS

By John W. Caldwell, North Dakota Geological Survey

Pierre	341
Niobrara	1485
Greenhorn	1920
Dakota	2472
Morrison	2605
Sundance	2630

Hunt - Lennertz #1 (continued)

TOPS

Piper	3160
Spearfish	3415
Charles	3516
Mission Canon	3872
Lodgepole	4200
Englewood	4820
Lyleton	4846
Nisku	4904
Duperow	4986
Souris River	5280
Dawson Bay	5500
Prairie Evaporite	5670
Winnipegosis	5713
Ashern	5895
Interlake	5925
Upper Stony Mountain	6152
Lower Stony Mountain	6253
Red River	6337
Winnipeg shale	6945
Winnipeg sand	7098
Total Depth	7211

62. Amerada Petroleum Corp., Ludvig O. Bakken #1
NE NW Sec. 12 - T. 157N. - R. 95W. - Williams County
Permit #78
El.: 2386 ground
T.D.: 8340
Comp.: 20 May 1952
I.P.: 254/41.0/ 1/4"

63. Amerada Petroleum Corp., Sophie Herfindahl #1
C SW SE Sec. 26 - T. 156N. - R. 96W. - Williams County
Permit #79
El.: 2329 ground
T.D.: 8910
Comp.: 21 July 1952
Dry.

64. Hunt Oil Company, Oliver Olson #1
SW NW Sec. 18 - T. 163N. - R. 77W. - Bottineau County
Permit #80
El.: 1521 D.F.
T.D.: 6420
Comp.: 19 June 1952
Dry.

TOPS

By Anderson, North Dakota Geological Survey

Niobrara	1200 (electric log)
	1170 (samples)

Hunt - Oliver Olson (continued)

TOPS

Greenhorn	1535
Dakota	1960
Morrison	2264
Sundance	2340
Piper	2628
Spearfish	2895
Charles	3010
Mission Canyon	3095
Lodgepole	3321
Englewood	3870
Lyleton	3905
Nisku	3945
Duperow	4050
Souris River	4450
Dawson Bay	4730
Prairie Evaporites	4898
Winnipegosis	4970
Ashern	5060
Interlake	5094
Upper Stony Mtn.	5430
Lower Stony Mtn.	5537
Red River	5597
Winnipeg shale	6170
Winnipeg sandstone	6280
Pre-Cambrian	6412
Total Depth	6420

65. Amerada Petroleum Corp., Reinert Skaar #1
NE SW Sec. 13 - T. 158N. - R. 95W. - Williams County
Permit #81
El.: 2372 ground
T.D.: 8425
Comp.: 28 June 1952
I.P.: 474/42.8/ 1/4"
66. Amerada Petroleum Corp., P. O. Iverson Unit #1
NW NW Sec. 7 - T. 155N. - R. 95W. - Williams County
Permit #82
El.: 2371 ground
T.D.: 8620
Comp.: 17 May 1952
I.P.: 592/40.6/ 3/8"
67. Amerada Petroleum Corp., Peter Larson Unit #1
SE NW Sec. 14 - T. 156N. - R. 95W. - Williams County
Permit #83
El.: 2353 K.B.
T.D.: 8603
Comp.: 20 May 1952
I.P.: 305/41.4/ 1/4"

68. Amerada Petroleum Corp., Ida Mae Ramberg #1
 C SE NE Sec. 31 - T. 156N. - R. 95W. - Williams County
 Permit #84
 El.: 2323 ground
 T.D.: 8625
 Comp.: 27 June 1952
 I.P.: 550/42.5/ 1/4"
69. Amerada Petroleum Corp., Telford Herfindahl #1
 Center of Lot 4, SW SW Sec. 30 - T. 156N. - R. 95W. - Williams County
 Permit #85
 El.: 2343 ground
 T.D.: 8560
 Comp.: 3 July 1952
 I.P.: 338/42.2/ 1/4"
70. Williston Basin Oil Ventures. Inc., Sigfred Swanson #1
 C SW SE Sec. 10 - T. 156N. - R. 96W. - Williams County
 Permit #86
 El.: 2427 ground
 T.D.: 8794
 Comp.: 14 Aug 1952
 Dry.
71. Amerada Petroleum Corp., Sylvester C. Ramberg #1
 Lot 4 - NW NW Sec. 5 - T. 155N. - R. 95W. - Williams County
 Permit #87
 El.: 2296 ground
 T.D.: 8576
 Comp.: 6 Aug 1952
 I.P.: 382/42.5/ 1/4"
72. Amerada Petroleum Corp , North Dakota "B" Tract 1, #1
 SW NE Sec. 36 - T. 150N. - R. 96W. - McKenzie County
 Permit #88
 El.: 2377 ground
 T.D.: 11,725
 Comp.: 31 Oct 1952
 Dry.
73. Amerada Petroleum Corp., Anna Nylander Units #1
 SE NE Sec. 10 - T. 156N. - R. 95W. - Williams County
 Permit #89
 El.: 2282 ground
 T.D.: 8505
 Comp.: 20 July 1952
 I.P.: Swab 21 bbls oil in 17 hours.
 No production reported since October 1952.
74. Amerada Petroleum Corp., Clarence Iverson "A" #1
 SE NE Sec. 1 - T. 155N. - R. 96W. - Williams County
 Permit #90
 El.: 2343 ground
 T.D.: 8625
 Comp.: 24 June 1952
 I.P.: 290/42.8/ 9/64"

75. Amerada Petroleum Corp., Marvin Iverson #2
SE SE Sec. 1 - T. 155N. - R. 96W. - Williams County
Permit #91
El.: 2369 D.F.
T.D.: 8615
Comp.: 20 June 1952
I.P.: 382/42.3/ 1/4"
76. Hunt Oil Company, H. M. Bakken #1
NE NE Sec. 20 - T. 156N. - R. 95W. - Williams County
Permit #92
El.: 2390 ground
T.D.: 8688
Comp.: 4 July 1952
I.P.: 720/44.2/ 1/4"
77. Amerada Petroleum Corp., North Dakota "C" #1
SW SE Sec. 36 - T. 157N. - R. 95W. - Williams County
Permit #93
El.: 2265 ground
T.D.: 8540
Comp.: 13 July 1952
I.P.: 446/43.0/ 1/4"
78. Amerada Petroleum Corp., North Dakota "D" #1
NE NW Sec. 16 - T. 153N. - R. 95W. - McKenzie County
Permit #94
El.: 2459 ground
T.D.: 9335
Comp.: 30 Aug 1952
I.P.: 72/39.8/ 1/2"
79. Amerada Petroleum Corp., E. H. Ramberg #1
SE SW Sec. 7 - T. 155N. - R. 95W. - Williams County
Permit #95
El.: 2330 ground
T.D.: 8570
Comp.: 24 June 1952
I.P.: 504/43.0/ 1/4"
80. Amerada Petroleum Corp., Nels Odegaard "A" #1
NE NE Sec. 21 - T. 156N. - R. 95W. - Williams County
Permit #96
El.: 2340 ground
T.D.: 8580
Comp.: 7 July 1952
I.P.: 348/42.4/ 11/64"
81. Amerada Petroleum Corp., LeRoy Nelson Tract 1, #1
SE SE Sec. 2 - T. 155N. - R. 96W. - Williams County
Permit #97
El.: 2329 ground
T.D.: 8650
Comp.: 21 July 1952
I.P.: 375/42.2/ 10/64"

82. Amerada Petroleum Corp., Arnold Ives #1
 C NE SW Sec. 1 - T. 157N. - R. 95 95W. - Williams County
 Permit #98
 El.: 2389 ground
 T.D.: 8334
 Comp.: 25 June 1952
 I.P.: 333/43.0/ 1/4"
83. Lion Oil, Company, Peder and Lillie Sebelius #1
 SE NW Sec. 23 - T. - 161N. - R. 73W. - Rolette County
 Permit #99
 El.: 1627 K.B.
 T.D.: 5500
 Comp.: 19 July 1952
 Dry.

TOPS

By Carole Smith, North Dakota Geological Survey

Niobrara	1090
Greenhorn	1488
Muddy1728	
Dakota	1873
Morrison	2043
Sundance	2142
Piper	2430
Spearfish	2633
Mission Canyon ?	2653
Lodgepole	2692
Englewood	3262
Lyleton	3287
Nisku	3302
Duperow	3388
Souris River	3761
Dawson Bay	4000
Prairie Evaporite	4138
Winnipegosis	4196
Ashern	4307
Interlake	4370
Upper.Stony Mountain	4598
Lower Stony Mountain	4686
Red River	4761
Winnipeg	5350
Winnipeg sandstone	5470
Pre-Cambrian	5502

84. S. D. Johnson Company, John Rath #1
 C NE NE Sec. 30 T. 137N. - R. 67W. - Stutsman County
 Permit #100
 El.: 1961 D.F.
 T.D.: 3374
 Comp.: 22 June 1952
 Dry.

85. Amerada Petroleum Corp., Louis E. Iverson #1
 C SE SE Sec. 12 - T. 155N. - R. 96W. - Williams County
 Permit #101
 El.: 2342 ground
 T.D.: 8500
 Comp.: 10 Jan 1953
 I.P.: 408/42.8/ 17/64"
86. Amerada Petroleum Corporation, Almer Iverson Tract 2, #1
 NE NW Sec. 7 - T. 155N. - R. 95W. - Williams County
 Permit #102
 El.: 2379 ground
 T.D.: 8618
 Comp.: 17 Oct 1952
 I.P.: 340/42.3/ 12/64"
87. Amerada Petroleum Corp., John Iverson #1
 C of Lot 5, SW NW Sec. 6 - T. 155N. - R. 95W. - Williams County
 Permit #103
 El.: 2337 ground
 T.D.: 8590
 Comp.: 10 Sept 1952
 I.P.: 390/43.6/ 10/64"
88. Hunt Oil Company, H. M. Bakken #2
 SE SE Sec. 17 - T. 156N. - R. 95W. - Williams County
 Permit #104
 El.: 2367 ground
 T.D.: 8600
 Comp.: 9 Aug 1952
 I.P.: 360/44.2/ 1/4"
89. General Atlas Carbon Company, Albert Ketterling #1
 NE NE 15 - T. 131N. - R. 73W. - McIntosh County
 Permit #105
 El.: 2076 D.F.
 T.D.: 4777
 Comp.: 19 July 1952
 Dry.

TOPS

By Anderson, North Dakota Geological Survey

Niobrara	1316
Greenhorn	1843
Muddy	2260
Dakota	2466
Sundance	2747
Piper lime	2820
Charles	2930
Mission Canyon	3065
Lodgepole	3244
Englewood	3593
Devonian - undiff	3612
Upper Stony Mountain	3717

General Atlas - Ketterling (continued)

TOPS

	Lower Stony Mountain	3775
	Red River	3817
	Winnipeg shale	4376
	Winnipeg sand (upper)	4382
	Winnipeg shale	4423
	Winnipeg sand	4561
	Pre-Cambrian	4772
	Total Depth	4777
90.	Amerada Petroleum Corp., Nels Odegaard "B" #1 SW SE Sec. 21 - T. 156N. - R. 95W. - Williams County Permit #106 El.: 2409 ground T.D.: 8665 Comp.: 17 Aug 1952 I.P.: 437/43.3/ 1/4"	
91.	Stanolind Oil Company, J. Brusich #1 SE SE Sec. 8 - T. 135N. - R. 98W. - Slope County Permit #107 El.: 2801 K.B. T.D.: 11,521 Comp.: 24 Jan 1953 Dry.	

TOPS

By Morton Strassberg, North Dakota Geological Survey

Pierre	1730
Niobrara	3796
Greenhorn	4380
Muddy	4955
Dakota	5260
Morrison	5472
Sundance	5550
Piper	6165
Spearfish	6430
Minnekahata	6880
Opeche	6920
Minnelusa	7060
Amsden	7208
Big Snowy group	7395
Kibbey	7850
Charles	8030
Mission Canyon	8570
Lodgepole	8965
Englewood	9535
Lyleton	9585
Nisku	9730
Duperow	9800
Souris River	10,050
Dawson Bay	10,145

Stanolind - Brusich (continued)

TOPS

	Ashern	10,360
	Interlake	10,372
	Upper Stony Mountain	10,854
	Lower Stony Mountain	10,980
	Red River	10,054
	Total Depth	11,521

92. Amerada Petroleum Corp., R. G. McGuinness #1
SW NE Sec. 12 - T. 157N. - R. 95W. - Williams County
Permit #108
El.: 2344 ground
T.D.: 8257
Comp.: 6 Aug 1952
I.P.: 225/42.3/ 1/4"

93. Amerada Petroleum Corp., Borstad & Weflen #1
NE SE Sec. 11 - T. 157N. - R. 95W. - Williams County
Permit #109
El.: 2376 ground
T.D.: 8315
Comp.: 4 Aug 1952
I.P.: 211/41.8/ 10/64"

94. Champlin Refining Company, Elmer Heim #1
NE NW Sec. 12 - T. 133N. - R. 65W. - LaMoure County
Permit #110
El.: 1620 D.F.
T.D.: 2793
Comp.: 8 July 1952
Dry.

95. Youngblood and Youngblood - Eugene Wachter #1
SE SW Sec. 3 - T. 141N. - R. 81W. - Oliver County
Permit #111
El.: 1924 D.F.
T.D.: 7850
Comp.: 8 Sept 1952
Dry.

96. Amerada Petroleum Corp., Arnold L. Ives "A" #1
C of Lot 3 - NE NW Sec 1 - T. 157N. - R. 95W. - Williams County
Permit #112
El.: 2418 K.B.
T.D.: 8350
Comp.: 28 July 1952
I.P.: 201/42.1/ 1/4"

97. Amerada Petroleum Corp., Anna J. Nelson Unit #1
C of SW NE Sec. 17 - T. 156N. - R. 95W. - Williams County
Permit #113
El.: 2366 ground

Amerada - Anna J. Nelson (continued)

T.D.: 8625
Comp.: 12 Aug 1952
I.P.: 212/42.8/ 15/64"

98. Amerada Petroleum Corp., N. D. "C" A, #1
SW NW Sec. 16 - T. 158N.- R. 95W. - Williams County
Permit #114
El.: 2418 ground
T.D.: 8479
Comp.: 14 Aug 1952
Dry.

99. Amerada Petroleum Corp., Clifford Hanson #1
C of Lot 4, SW SW Sec. 18 - T. 158N. - R. 94W. - Mountrail County
Permit #115
El.: 2343 ground
T.D.: 8350
Comp.: 23 Aug 1952
I.P.: 336/42.8/ 16/64"

100. Union Oil of California, Arne and Helmi Saari #1
C SW Sec. 35 - T. 161N. - R. 68W. - Towner County
Permit #116
El.: 1717 D.F.
T.D.: 4499
Comp.: 13 Aug 1952
Dry.

TOPS

Niobrara	940
Greenhorn	1330
Dakota	1710
Sundance	1883
Piper	2153
Nisku	2486
Duperow	2555
Souris River	2890
Dawson Bay	2990
Ashern	3245
Interlake	3285
Upper Stony Mountain	3600
Lower Stony Mountain	3690
Red River	3775
Winnipeg shale	4355
Winnipeg sand	4460

101. Amerada Petroleum Corp., H. G. Onstad #1
C NE SE Sec. 30 - T. 156N. - R. 95W. - Williams County
Permit #117
El.: 2366 ground
T.D.: 8661
Comp.: 13 Aug 1952
I.P.: 391/43.2/ 1/4"

102. Amerada Petroleum Corp., Lars Kvam Unit #1
 NE SW Sec. 20 - T. 156N. - R. 95W. - Williams County
 Permit #118
 El.: 2423 ground
 T.D.: 8685
 Comp.: 12 Aug 1952
 I.P.: 304/43.1/ 10/64"
103. Amerada Petroleum Corp., Peter Wallentinson Unit #1
 NW SW Sec. 10 - T. 156N. - R. 95W. - Williams County
 Permit #119
 El.: 2293 ground
 T.D.: 8574
 Comp.: 29 Aug 1952
 I.P.: 332/41.5/ 13/64"
104. M. B. Rudman - Concord Cordasun - Northern Development Company - George
 Neset #1
 SE NW Sec. 30 - T. 157N. - R. 94W. - Mountrail County
 Permit #120
 El.: 2163 K.B.
 T.D.: 10,360
 Comp.: 6 Dec 1952
 Plugged, temporarily abandoned.
105. Stanolind Oil & Gas Company, Walter & Ingeborg Waswick #1
 SW NE Sec. 2 - T. 153N. - R. 85W. - Ward County
 Permit #121
 El.: 2175 K.B.
 T.D.: 11,009
 Comp.: 3 Nov 1952
 Dry.
106. Amerada Petroleum Corp., Oliver L. Hersel #1
 C of Lot 3, Sec. 3 - T. 156N. - R. 95W. - Williams County
 Permit #122
 El.: 2308 ground
 T.D.: 8507
 Comp.: 2 Sept 1952
 I.P.: swab 33 bbls. per day of 42.6° A.P.I. oil.
107. Amerada Petroleum Corp., Norman. M. Nelson #1
 SW SW Sec. 2 - T. 155N. - R. 96W. - Williams County
 Permit #123
 El.: 2277 ground
 T.D.: 8510
 Comp.: 2 Sept 1952
 I.P.: 409/43.2/ 10/64"
108. Amerada Petroleum Corp., Taper Blikre #1
 SW NW Sec. 13 - T. 158N. - R. 95W. - Williams County
 Permit #124
 El.: 2359 ground
 T.D.: 8315
 Comp. 29 Sept 1952
 I.P. 310/42.0/ 1/4"

109. C. W. Williams and O. D. Clark., Halvor Davidson #1
SE SW Sec. 3 - T. 155N. - R. 96W. - Williams County
Permit #125
El.: Unknown
T.D.: 8468
Comp. 4 Oct 1952
Dry.
110. Lion Oil Company, Huss #1
NW NW Sec. 23 - T. 163N. - R. 75W. - Bottineau County
Permit #126
El.: 2205 K.B.
T.D.: 6437
Comp.: 8 Sept 1952
Dry.

TOPS

Niobrara	1700
Greenhorn	2092
Dakota	2510
Morrison	2764
Sundance	2830
Piper	3135
Spearfish	3305
Mission Canyon ?	3416
Lodgepole	3447
Englewood	4000
Lyleton	4024
Nisku	4048
Duperow	4150
Souris River	4550
Dawson Bay	4822
Prairie Evaporates	4955 ?
Winnipegosis	5010
Ashern	5143
Interlake	5168
Stony Mtn.	5482
Stony Mtn. shale	5583
Red River	5663
Winnipeg shale	6225
Winnipeg sand	6345

111. S. D. Johnson Company, A. C. Thorkinson #1
SW SW Sec. 35 - T. 141N. - R. 61W. - Barnes County
Permit #127
El.: 1270 D.F.
T.D.: 1671
Comp.: 28 July 1952
Dry.
112. Amerada Petroleum Corp., Dena Svor Unit #1
SW SW Sec. 9 - T. 156N. - R.95W. - Williams County
Permit #128
El.: 2323 ground
T.D.: 8605

Amerada Deva Svor (continued)

- Comp.: 18 Sept 1952
I.P.: 369/42.7/ 20/64"
113. Amerada Petroleum Corp., Mons Antonson #1
SW SW Sec. 36 - T. 156N.- R. 96W. - Williams County
Permit #129
El.: 2298 ground
T.D.: 8533
Comp.: 21 Sept 1952
I.P.: 239/42.1/ 10/64"
114. Amerada Petroleum Corp., Ida Olson #1
NE SE Sec. 1 - T. 157N. - R. 95W. - Williams County
Permit #130
El.: 2425 ground
T.D.: 8387
Comp.: 11 Oct 1952
I.P.: 300/42.2 / 18/64"
115. Hebron Brick Company #1
NE SW Sec. 5 - T. 140N. - R. 90W. - Morton County
Permit #131
El.: 2377 ground
T.D.: 4155
Comp.: 11 Sept 1952
Dry.
116. Amerada Petroleum Corp., Peter Kvam #1
SW NW Sec. 20 - T. 156N. - R. 95W. - Williams County
Permit #132
El.: 2406 ground
T.D.: 8665
Comp 28 Sept 1952
I.P.: 398/43.5/ 1/4"
117. Amerada Petroleum Corp., Willard Bureh #1
NW NW Sec. 21 - T. 156N. - R. 95W. - Williams County
Permit #133
El.: 2369 ground
T.D.: 8603
Comp.: 11 Nov 1952
I.P.: 463/42.4/ 1/4"
118. Amerada Petroleum Corp., Adolph Borstad #1
NE SW Sec. 35 - T. 158N. - R. 95W. - Williams County
Permit #134
El.: 2468 ground
T.D.: 8415
Comp.: 30 Aug 1952
I.P.: 445/42.8/ 1/4"

119. Hunt Oil Company, Sivert Rye #2
 SE NW Sec. 31 - T. 156N. - R. 95W. - Williams County
 Permit #135
 El.: 2325 ground
 T.D.: 8610
 Comp. 25 Aug 1952
 I.P.: 768/44.3/ 1/4"
120. General Atlas Carbon Company, A. Peplinski #1
 SE NW Sec. 21 - T. 142N. - R. 63W. - Stutsman County
 Permit #136
 El.: 1483 ground
 T.D.: 2919
 Comp.: 20 Aug 1952
 Dry.

TOPS

By Anderson, North Dakota Geological Survey

Niobrara	495	
Greenhorn	972	
Dakota	1312	
Piper lime	1740	(samples)
Lodgepole	1774	
Englewood	1890	
Devonian - undiff	1932	
Lower Stony Mtn.	2031	
Red River	2103	
Winnipeg shale	2642	
Winnipeg sandstone	2857	
Pre-Cambrian	2918	

121. Hunt Oil Company, Olaus Herfindahl #1
 SW NW Sec. 30 - T. 156N. - R. 95W. - Williams County
 Permit #137
 El.: 2369 K.B.
 T.D.: 8610
 Comp.: 20 Apr 1953
 I.P.: 744/44.0/ 1/2"
122. Hunt Oil Company, H. M. Bakken #3
 NW SE Sec. 17 - T. 156N. - R. 95W. - Williams County
 Permit #138
 El.: 2411 K.B.
 T.D.: 8600
 Comp.: 26 Jan 1953
 I.P.: 264/44.2/ 1/4"
123. Hunt Oil Company, Marvin Nylander #3
 NW NE Sec. 15 - T. 156N. - R. 95W. - Williams County
 Permit #139
 El.: 2316 K.B.
 T.D.: 8550
 Comp.: 2 Oct 1952
 I.P.: 360/43.4/ 3/16"

124. Amerada Petroleum Corp, Ole H. Johnson #1
 SW NW Sec. 8 - T. 156N. - R. 95W. - Williams County
 Permit #140
 El.: 2302 ground
 T.D.: 8596
 Comp.: 25 Sept 1952
 Dry.
125. Pure Oil Company., Nellie McGinnity #1
 NW NE Sec. 6 - T. 158N. - R. 95W. - Williams County
 Permit #141
 El.: 2361 ground
 T.D.: 8265
 Comp.: 28 Sept 1952
 Dry.
126. Quintana Production Company, Chris W. Linnertz #1
 SW SE Sec. 33 - T. 156N.- R. 83W. - Ward County
 Permit #142
 El.: 1772 D.F.
 T.D.: 8938
 Comp.: 27 Oct 1952
 Dry.

TOPS

By Anderson, North Dakota Geological Survey

Pierre	1002
Niobrara	2255
Greenhorn	2722
Dakota	3345
Morrison	3720
Sundance	3910
Piper	4280
Spearfish	4478
Charles	4755
Mission Canyon	5348
Lodgepole	5715
Englewood	6400 (electric) 6370 (samples)
Lyleton	6435
Nisku	6545
Duperow	6650
Souris River	7015
Dawson Bay	7312
Prairie Evaporites	7465
Winnipegosis	7675
Ashern	7800
Interlake	7840
Upper Stony Mtn.	8478
Lower Stony Mtn.	8582
Red River	8658

127. Amerada Petroleum Corp., North Dakota "C" B #1
 SW SE Sec. 36 - T. 158N. - R. 95W. - Williams County
 Permit #143
 El.: 2460 ground
 T.D.: 8385
 Comp.: 28 Dec 1952
 I.P.: 406/43.1/ 1/4"
128. Amerada Petroleum Corp., North Dakota "E" #1
 NW NW Sec. 16 - T. 154N.- R. 95W. - Williams County
 Permit #144
 El.: 2293 ground
 T.D.: 8928
 Comp.: 24 Oct 1952
 I.P.: Swab 67 bbls. per day of 42.2° A.P.I. oil.
129. Amerada Petroleum Corp., Esther Hanson #1
 SW SE Sec. 6 - T. 157N. - R. 94W. - Mountrail County
 Permit #145
 El.: 2415 K.B.
 T.D.: 8315
 Comp.: 8 Sept 1952
 I.P.: 304/42.8/ 24/64"
130. Amerada Petroleum Corp., Warren L. Larson #1
 NE SE Sec. 23 - T. 158N.- R. 95W. - Williams County
 Permit #146
 El.: 2458 ground
 T.D.: 8435
 Comp.: 12 Sept 1952
 I.P.: 324/41.9/ 18/64"
131. Hunt Oil Company, H. M. Bakken #4
 SW NE Sec. 20 - T. 156N. - R. 95W. - Williams County
 Permit #147
 El.: 2458 K.B.
 T.D.: 8654
 Comp.: 16 March 1953
 I.P.: 752/44.2/ 1/4"
132. Amerada Petroleum Corp., Joseph Rice #1
 SW NE Sec. 18 - T. 158N.- R. 94W. - Mountrail County
 Permit #148
 El.: 2310 ground
 T.D.: 8276
 Comp.: 30 Oct 1952
 I.P.: 407/42.0/ 14/64"
133. Deep Rock Oil Corp., H. Johnson "A" #1
 SW SW Sec. 30 - T. 139N. - R. 86W. - Morton County
 Permit #149
 El.: 2191 ground ?
 T.D.: 8103
 Comp.: 1 Nov 1952
 Dry.

134. General Atlas Carbon Company, Floyd Barthel #1
 SW NE Sec. 15 - T. 142N. - R. 65W. - Stutsman County
 Permit #150
 El.: 1551 D.F.
 T.D.: 3427
 Comp.: 12 Sept 1952
 Dry.

TOPS

By Anderson, North Dakota Geological Survey

Niobrara	615
Greenhorn	1170
Muddy	1507
Dakota	1660
Morrison	1895
Piper	1915
Lodgepole	2010
Englewood	2235
Devonian	2280
Interlake ?	2360
Upper Stony Mtn.	2400
Lower Stony Mtn.	2455
Red River	2540
Winnipeg shale	3105
Winnipeg sandstone	3312
Pre-CambrLan	3430

135. Amerada Petroleum Corp., Philip Eraas #1
 SW NW Sec. 31 - T. 158N. - R. 94W. - Mountrail County
 Permit #151
 El.: 2433 ground
 T.D.: 8406
 Comp.: 22 Sept 1952
 I.P.: 303/43.0/ 13/64"

136. Amerada Petroleum Corp., Inga Hersel #1
 SW NW Sec. 3 - T. 156N. -R. 95W. - Williams County
 Permit #152
 El.: 2311 K.B.
 T.D.: 8428
 Comp.: 24 Oct 1953
 I.P.: 254/23.8/ 28/64"

137. Amerada Petroleum Corp., Jens H. Kvam #1
 NE NE Sec. 30 - T. 156N. - R. 95W. - Williams County
 Permit #153
 El.: 2376 ground
 T.D.: 8600
 Comp.: 18 Sept 1952
 I.P.: 214/43.0/ 1/4"

138. Amerada Petroleum Corp., E. H. Ramberg #2
 NW NE Sec. 18 - T. 155N. - R. 95W.- Williams County
 Permit #154
 El.: 2305 ground
 T.D.: 8482
 Comp.: 26 Nov 1952
 I.P.: 305/42.2/ 13/64"
139. Amerada Petroleum Corp., Ebba Hovey #1
 NE NE Sec. 9 - T. 156N. - R. 95W - Williams County
 Permit #155
 El.: 2295 ground
 T.D.: 8555
 Comp.: 7 Oct 1952
 I.P.:157/43.0/ 24/64"
114. Amerada Petroleum Corp., Ole N. Heggstad #1
 NE SE Sec. 19 - T. 156 N. - R. 95W. - Williams County
 Permit #156
 El.: 2382 ground
 T.D.: 8600
 Comp.: 27 Oct 1952
 I.P.: 256/44.0/ 1/4"
141. Amerada Petroleum Corp., Julius Ulven #1
 NE SE Sec. 34 - T. 156N. - R. 96W. - Williams County
 Permit #157
 El.: 2206 ground
 T.D.: 8480
 Comp.: 1 Dec 1952
 Dry.
142. Amerada Petroleum Corp., Lester A. Agre #1
 NE SE Sec. 27 - T. 158N. - R. 95W. - Williams County
 Permit #158
 El.: 2414 ground
 T.D.: 8390
 Comp.: 30 Sept 1952
 Dry.
143. Amerada Petroleum Corp., Smith Unit #1
 NE NE Sec. 11 - T. 155N.- R. 96W. - Williams County
 Permit #159
 El.: 2339 ground
 T.D.: 8557
 Comp.: 2 Nov 1952
 I.P.: 350/43.2/ 11/64"
144. Amerada Petroleum Corp., Oford Boe #1
 SW SW Sec. 10 - T. 155N. - R. 96W. - Williams County
 Permit #160
 El.: 2145 ground
 T.D.: 8409
 Comp.: 7 Oct 1952
 Dry.

145. Continental Oil Company, Paul H. McCay #1
 NW NW NW Sec. 32 - T. 137N. - R. 76W. - Burleigh County
 Permit #161
 El.: 1869 K.B.
 T.D.: 6185
 Comp.: 1 Nov 1952
 Dry.

TOPS

By John Caldwell, North Dakota Geological Survey

Pierre	580
Niobrara	1275
Greenhorn	1893
Muddy	2328
Dakota	2522
Morrison	2897
Sundance	2957
Piper	3025
Spearfish	3186
Amsden	3215
Big Snowy	3310
Charles	3507
Mission Canyon	3709
Lodgepole	4012
Englewood	4360 ?
Nisku	4410
Devonian - undiff	4475
Ashern	4700
Interlake	4718
Upper Stony Mtn.	4862
Lower Stony Mtn.	4928
Red River	5022
Winnipeg shale	5605
Winnipeg sand	5812
Pre-Cambrian	6160

146. Amerada Petroleum Corp., Peter Larson "A" Tract 16, #1
 NE NE Sec. 4 - T. 156N. - R. 95W. - Williams County
 Permit #162
 El.: 2288 ground
 T.D.: 8468
 Comp.: 28 Oct 1952
 I.P.: 141/41.3/ 3/4"

147. Amerada Petroleum Corp., George Wollan #1
 NW NW Sec. 15 - T. 152N. - R. 96W. - McKenzie County
 Permit #163
 El.: 2468 ground
 T.D.: 12,379
 Comp.: 20 Feb 1953
 I.P.: Swab 46 bbls per day of 43.2° A.P.I. gravity oil.

148. Amerada Petroleum Corp., Ole Fossaa #1
 SW NE Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #164
 El.: 2332 ground
 T.D.: 8300
 Comp. 16 Oct 1952
 I.P.: 460/43.1/ 1/4"
149. Pollard and Davis, Dwane Guscette #1
 NW NW Sec. 20 - T. 142N. - R. 61W. - Barnes County
 Permit #165
 El.: 1520 D.F.
 T.D.: 2573
 Comp.: 7 Sept 1953
 Dry.
154. Amerada Petroleum Corp., Robert H. Shelton #1
 SW SW Sec. 4 - T. 156N.- R. 95W. - Williams County
 Permit #166
 El.: 2275 K.B.
 T.D.: 8403
 Comp.: 18 Apr 1953
 I.P.: 287/41.8/ 1/4"
151. Hunt Oil Company, Emma Kleven #1
 SW SW Sec. 18 - T. 140N. - R. 80W. - Burleigh County
 Permit #167
 El.: 1910 ground
 T.D.: 8115
 Comp.: 16 Nov 1952
 Dry.

TOPS

By John W. Caldwell, North Dakota Geological Survey

Niobrara	2020
Greenhorn	2481
Muddy	2900
Dakota	3125
Morrison	3360
Sundance	3440
Piper	3785
Spearfish	3987
Amsden	4010
Big Snowy	4234
Charles	4533
Mission Canyon	4912
Lodgepole	5211
Englewood	5811
Nisku	5850
Duperow	5920
Souris River	6133
Dawson Bay	6260
Elk Point	6372

Hunt - Emma Kleven (continued)

TOPS

Ashern	6418
Interlake	6431
Upper Stony Mtn.	6700
Lower Stony Mtn.	6798
Red River	6898
Winnipeg Formation	7561
Winnipeg sandstone	7725

152. Amerada Petroleum Corp., Ernest C. Davidson Unit #1
NE NW Sec. 17 - T. 156N. - R. 95W. - Williams County
Permit #168
El.: 2365 ground
T.D.: 8590
Comp.: 20 Oct 1952
I.P.: 265/43.1/ 14/64"

153. Amerada Petroleum Corp., Jessie Burch #1
NE SW Sec. 19 - T. 156N. - R. 95W. - Williams County
Permit #169
El.: 2393 ground
T.D.: 8655
Comp.: 4 Dec 1952
I.P.: 302/42.2/ 1/4"

154. Amerada Petroleum Corp., Hjalmer Ives #1
SW SW Sec. 25 - T. 158N. - R. 95W. - Williams County
Permit #170
El.: 2472 ground
T.D.: 8410
Comp.: 27 Oct 1952
I.P.: 417/41.6/ 14/64"

155. Continental Oil Company, Dronen #1
NE NE Sec. 9 - T. 140N. - R. 75W. - Burleigh County
Permit #171
El.: 1901 ground
T.D.: 6155
Comp.: 31 Oct 1952
Dry.

TOPS

Pierre	665
Niobrara	1347
Greenhorn	1970
Dakota	2592
Morrison	2703
Sundance	2755
Piper	3063
Spearfish	3255
Amsden	3266

Continental - Dronen (continued)

TOPS

	Big Snowy	3290
	Charles	3420
	Mission Canyon	3680
	Lodgepole	3912
	Englewood	4320
	Nisku	4370
	Duperow	4458
	Souris River	4620
	Dawson Bay	4690
	Ashern	4735
	Interlake	4782
	Upper Stony Mtn.	4920
	Lower Stony Mtn.	4994
	Red River	5090
	Winnipeg shale	5680
	Winnipeg sand	5868
156.	Hunt Oil Company, Emil R. Moratzke #1 NE NE Sec. 13 - T. 158N. - R. 95W. - Williams County Permit #172 El.: 2331 ground T.D.: 8325 Comp.: 11 Feb 1953 I.P.: 648/40.0/ 3/8"	
157.	Hunt Oil Company, Emil R. Moratzke #2 SW NE Sec. 13 - T. 158N. - R. 95W. - Williams County Permit #173 El.: 2336 ground T.D.: 8310 Comp.: 20 Dec 1952 I.P.: 552/44.3/ 1/4"	
158.	Hunt Oil Company, Emil R. Moratzke #3 NE SE Sec. 13 - T. 158N. - R. 95W. - Williams County Permit #174 El.: 2327 ground T.D.: 8350 Comp.: 2 Nov 1952 I.P.: 325/44.1/ 3/8"	
159.	Amerada Petroleum Corp., H. G. Onstad #2 SW NW Sec. 32 - T. 156N. - R. 95W. - Williams County Permit #175 El.: 2332 K.B. T.D.: 8612 Comp.: 19 Feb 1953 I.P.: 771/43.5/ 1/4"	

160. Amerada Petroleum Corp., McClintock Unit #1
NE SW Sec. 12 - T. 155N. - R. 96W. - Williams County
Permit #176
El.: 2334 ground
T.D.: 8490
Comp.: 30 Nov 1952
I.P.: 630/41.8/ 1/4"
161. Amerada Petroleum Corp., Arthur Iverson #1
NE SE Sec. 2 - T. 155N. - R. 96W. - Williams County
Permit #177
El.: 2329 K.B.
T.D.: 8414
Comp.: 8 Jan 1953
I.P.: 539/43.4/ 1/4"
162. Amerada Petroleum Corp., Clifford Syverson #1
SW SW Sec. 12 - T. 157N. - R. 95W. - Williams County
Permit #178
El.: 2374 K.B.
T.D.: 8281
Comp.: 26 Jan 1953
I.P.: 496/42.8/ 1/4"
163. Amerada Petroleum Corp., North Dakota "A" Unit #2
SW SW Sec. 16 - T. 156N. - R. 95W. - Williams County
Permit #179
El.: 2347 ground
T.D.: 8510
Comp.: 18 Dec 1952
I.P.: 384/43.1/ 1/4"
164. Amerada Petroleum Corp., Throned Lalim #1
SW NW Sec. 35 - T. 158N. - R. 95W. - Williams County
Permit #180
El.: 2445 ground
T.D.: 8446
Comp.: 5 Nov 1952
Dry.
165. Amerada Petroleum Corp., Math Iverson #1
SW NW Sec. 1 - T. 155N. - R. 96W. - Williams County
Permit #181
El.: 2340 K.B.
T.D.: 8430
Comp.: 7 June 1953
I.P.: 645/43.6/ 1/4"
166. Amerada Petroleum Corp., Mat Blestrud Tract 1, #1
SW NE Sec. 24 - T. 158N. - R. 95W. - Williams County
Permit #182
El.: 2389 ground
T.D.: 8413
Comp.: 10 Mar 1953
I.P.: 570/44.1/ 14/64"

167. Amerada Petroleum Corp., Oscar O. Bakken #1
 SW SE Sec. 2 - T. 157N. - R. 95W. - Williams County
 Permit #183
 El.: 2434 ground
 T.D.: 8364
 Comp.: 17 Dec 1952
 Dry.
168. Amerada Petroleum Corp., L. M. Osborn #1
 NW NE Sec. 28 - T. 156N. - R. 95W. - Williams County
 Permit #184
 El.: 2465 ground
 T.D.: 8665
 Comp.: 20 Nov 1952
 I.P.: 369/42.6/ 1/4"
169. Amerada Petroleum Corp., Joel B. Ramberg Tract 1, #1
 SW SW Sec. 32 - T. 156N. - R. 95W. - Williams County
 Permit #185
 El.: 2297 ground
 T.D.: 8585
 Comp.: 14 Jan 1953
 I.P.: 610/43.3/ 1/4"
170. Lion Oil Company, Magnuson #1
 SE SW Sec. 2 - T. 163N. - R. 77W. - Bottineau County
 Permit #186
 El.: 1659 ground
 T.D.: 5055 ?
 Comp.: Oct 1952
 Dry.

TOPS

Niobrara	1230
Greenhorn	1625
Dakota	2043
Morrison	2357
Sundance	2427
Piper	2730
Spearfish	2940
Mission Canyon ?	3062
Lodgepole	3231
Englewood	3808
Lyleton	3828
Nisku	3878
Duperow	3983
Souris River	4391
Dawson Bay	4672
Prairie Evaporite	4809 ?
Winnipegosis	4861
Ashern	5005
Interlake	5032

171. F. H. Rhodes, Murphy #1
 NW NE Sec. 18 - T. 163N. - R. 65W.- Towner County
 Permit #187
 El.: 1597 K.B.
 T.D.: 3789
 Comp.: 13 Oct 1952
 Dry.

TOPS

Niobrara	663
Greenhorn	1005
Dakota	1343
Sundance	1445
Piper	1702
Nisku	1775
Duperow	1830
Souris River	2170
Dawson Bay	2330
Ashern	2565
Interlake	2595
Upper Stony Mtn.	2898
Lower Stony Mtn.	2980
Red River	3065
Winnipeg shale	3642
Winnipeg sand	3760

172. Amerada Petroleum Corporation, Arnold Blikre #1
 NE NW Sec. 13 - T. 158N. - R. 95W. - Williams County
 Permit #188
 El.: 2340 ground
 T.D.: 8312
 Comp.: 6 Nov 1952
 I.P.: 369/43.0/ 11/64"

173. William Herbert Hunt, Willard T. Odegaard #1
 NE SW Sec. 21 - T. 157N. - R. 95W. - Williams County
 Permit #189
 El.: 2359 K.B.
 T.D.: 8494 ?
 Comp.: 12 Dec 1952
 Dry.

174. Continental Oil Company, Dueneland #1
 NW NW Sec. 3 - T. 140N. - R. 77W. - Burleigh County
 Permit #190
 El.: 1981 K.B.
 T.D.: 6864
 Comp.: 8 Dec 1952
 Dry.

TOPS

Pierre	576
Niobrara	1612
Greenhorn	2215

Continental - Dueneland #1 (continued)

TOPS

Dakota	2855
Morrison	2985
Sundance	3065
Piper	3395
Spearfish	3585
Amsden	3605
Big Snowy	3650
Charles	3845
Mission Canyon	4140
Lodgepole	4420
Englewood	4834
Nisku	4960
Duperow	5020
Souris River	5202
Dawson Bay	5290
Ashern	5350
Interlake	5380
Upper Stony Mtn.	5610
Tower Stony Mtn.	5680
Red River	5773
Winnipeg shale	6400
Winnipeg sand	6575

175. Amerada Petroleum Corp., Oliver Lokken #1
 SW SW Sec. 5 - T. 157N. - R. 94W. - Mountrail County
 Permit #191
 El.: 2353 ground
 T.D.: 8255
 Comp.: 21 Nov 1952
 I.P.: 253/42.6/ 20/64"
176. Amerada Petroleum Corp., Orville K. Eraas #1
 NE NE Sec. 18 - T. 158N. - R. 94W. - Mountrail County
 Permit #192
 El.: 2353 ground
 T.D.: 8276
 Comp.: 21 Nov 1952
 I.P.: 253/42.6/ 20/64"
177. Hunt Oil Company, Marvin Nylander #4
 NW NW Sec. 15 - T. 156N. - R. 95W. - Williams County
 Permit #193
 El.: 2297 ground
 T.D.: 8507
 Comp.: 14 Nov 1952
 I.P.: 888/44.5/ 1/4"
178. Hunt Oil Company, Marvin Nylander #5
 SE SE Sec. 10 - T. 156N. - R. 95W. - Williams County
 Permit #194

179. Hunt Oil Company, Marvin Nylander #6
NW SE Sec. 10 - T. 156N. - R. 95W. - Williams County
Permit #195
El.: 2293 D.F.
T.D.: 8475
Comp.: 17 Jan 1953
180. Hunt Oil Company, Marvin Nylander #7
NW SW Sec. 14. - T. 156N. - R. 95W. - Williams County
Permit #196
El.: 2338 K.B.
T.D.: 8450
Comp.: 26 Sept 1953
Dry.
181. Amerada Petroleum Corp., North Dakota "A" #3
SW SE, Sec. 16 - T. 156N. - R. 95W. - Williams County
Permit #197
El.: 2362 K. B.
T.D.: 855.
Comp.: 27 Apr 1953
I.P.: 407/43.2/ 19/61"
182. Amerada Petroleum Corp., North Dakota "A" Unit #4
NE NW Sec. 16 - T. 156N - R. 95W. - Williams County
Permit #198
El.: 2329 K.B.
T.D.: 8498
Comp.: 5 June 1953
I.P.: 367/42.3/ 18/64"
183. Amerada Petroleum Corp., Harvey R. Demy #1
NE NW Sec. 29 - T. 156N. - R. 95W. - Williams County
Permit #199
El.: 2443 ground
T.D.: 8734
Comp.: 7 Dec 1952
I.P.: 524/43.2/ 18/64"
184. Amerada Petroleum Corp., Willard Hanson #1
NE SW Sec. 6 - T. 157N. - R. 94W. - Mountrail County
Permit #200
El.: 2426 ground
T.D.: 8381
Comp.: 21 Mar 1953
I.P.: 479/43.0/ 14/64"
185. Amerada Petroleum Corp., H. E. Davidson #1
NE SE Sec. 35 - T. 156N. - R. 96W. - Williams County
Permit #201
El.: 2297 K.B.
T.D.: 8410
Comp.: 2 May 1953
I.P.: 502/43.4/ 1/4"

186. Amerada Petroleum - Corp., Gurena Synstebly #1
 NE SW Sec. 31 - T. 158N. - R. 94W. - Mountrail County
 Permit #202
 El.: 2410 ground
 T.D.: 8320
 Comp.: 2 Feb 1952
 I.P.: 504/41.7/ 1/4"
187. Amerada Petroleum Corp., Albert Christenson #1
 NE SW Sec. 32 - T. 156N. - R. 95W. - Williams County
 Permit #203
 El.: 2325 K.B.
 T.D.: 8491
 Comp.: 28 Mar 1953
 I.P.: 531/42.5/ 1/4"
188. Amerada Petroleum Corp., Bernice A. Townsend #1
 SW NE-Sec. 14 - T. 158N. - R. 95W. - Williams County
 Permit #204
 El.: 2406 ground
 T.D.: 8394
 Comp.: 11 Dec 1952
 Dry.
189. Amerada Petroleum Corp., Clarence Iverson "B", #1
 SW SW Sec. 31 - T. 156N. - R. 95W. - Williams County
 Permit #205
 El.: 2343 ground
 T.D.: 8600
 Comp.: 12 Jan 1953
 I.P.: 548/43.4/ 1/4"
190. Hunt Oil Company, M. C. Frisinger #1
 NE NW Sec. 28 - T. 156N. - R. 95W. - Williams County
 Permit #206
 El.: 2473 K.B.
 T.D.: 8700
 Comp.: 23 Apr 1953
 I.P.: 681/42.6/ 14/64"
191. Hunt Oil Company, M. C. Frisinger #2
 SW NW Sec. 28 - T. 156N. - R. 95W. - Williams County
 Permit #207
 El.: 2481 K.B.
 T.D.: 8718
 Comp.: 15 July 1953
 I.P.: 489/42.3/ 1/4"
192. Hunt Oil Company, M. C. Frisinger #3
 NE SE Sec. 29 - T. 156N. - R. 95W. Williams County
 Permit #208
 El: 2488 K. B.
 T.D.: 8717
 Comp.: 25 Aug 1953
 I.P.: 546/42.3/ 3/8"

193. Hunt Oil Company, Ludvig Olson #1
 NE NW Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #209
 El.: 2379 K.B.
 T.D.: 8400
 Comp.: 3 Feb 1953
 I.P.: 296/44.2/ 3/8"
194. F. H. Rhodes, R. R. Gibbens #1
 SW SE Sec. 17 - T. 157N. - R. 65W. - Towner County
 Permit #210
 El.: 1493 ground
 T.D.: 3765
 Comp.: 7 Nov 1952
 Dry.

TOPS

By-Anderson, North Dakota Geological Survey

Niobrara	596
Greenhorn	995
Muddy	1287
Dakota	1394
Sundance	1580
Piper	1835
Red Beds	1907
Nisku 1952	
Duperow	2000
Souris River	2310
Dawson Bay	2380
Ashern	2590
Interlake	2620
Upper Stony Mtn.	2853
Lower Stony Mtn.	2937
Red River	3022
Winnipeg shale	3567
Winnipeg sand	3145
Granite	3757

195. Hunt Oil Company? Ludvig Olson #2
 SW NW Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #211
 El.: 2422 K.B.
 T.D.: 8450
 Comp.: 16 May 1953
 I.P.: 538/44.2/ 1/4"
196. Carter Oil Company, Allyn MacDiarmid #1
 NE NE Sec. 16 - T. 154N. - R. 65W. - Ramsey County
 Permit #212
 El.: 1476 ground
 T.D.: 3745
 Comp.: 1 Dec 1952
 Dry.

Carter - MacDiarmid (continued)

TOPS

Niobrara	590
Greenhorn	1068
Dakota zone	1340
Lakota	1478
Sundance	1686
Piper	1880
Devonian - undiff	2152
Ashern	2580
Interlake	2610
Stony Mtn.	2795
Lower Stony Mtn.	2878
Red River	2950
Winnipeg shale	3561
Winnipeg sand	3665

197. Concord Northern Development. Inc., Math Iverson #2
NW NW Sec. 18 - T. 155N. - R. 95W. - Williams County
Permit #213
El.: 2351 D.F.
T.D.: 8521
Comp.: 9 Dec 1952
Dry.
198. Amerada Petroleum Corp., H. E. Davidson "A" Unit #1
NE SE Sec. 8 - T. 156N. - R. 95W. - Williams County
Permit #214
El.: 2315 ground
T.D.: 8489
Comp.: 16 Dec 1952
I.P.: 148/42.8/ 3/4"
199. Amerada Petroleum Corp., Mat Blestrud Tract 2, #1
SW NW Sec. 30 - T. 158N. - R. 94W. - Mountrail County
Permit #215
El.: 2381 ground
T.D.: 8325
Comp.: 5 Dec 1952
I.P.: 357/43.0/ 12/64"
200. Ward Williston Drilling Company, W. E. Gorder #1
NW NW Sec. 35 - T. 164N. - R. 80W. - Bottineau County
Permit #216
El.: 1503 K.B.
T.D.: 3275
Comp.: 1952
I.P.: 6/35.8/on pump
201. Ward Williston Drilling Company, Bert Klokstad #1
NE NW Sec. 36 - T. 164N. - R. 79W. - Bottineau County
Permit #217
El.: 1525 K.B.

Ward Williston - Klokstad (continued)

- T.D.: 3081
Comp.: 20 May 1953
I.P.: 65/35.4/on pump
202. Amerada Petroleum Corp., Smith Unit #2
SW NE Sec. 11 - T. 155N. - R. 96W. - Williams County
Permit #218
El.: 2341 ground
T.D.:8458
Comp.: 16 Dec 1952
I.P.: 425/43.1/ 1/4"
203. Amerada Petroleum Corp., Richard Blestrud #1
SW NE Sec. 29 - T. 158N. - R. 94W. - Mountrail County
Permit #219
El.: 2384 ground
T.D.: 8339
Comp.: 26 Nov 1952
Dry.
204. Amerada Petroleum Corp., A. M. Peterson #1
SW SW Sec. 17 - T. 156N. - R. 95W. - Williams County
Permit #220
El.: 2382 ground
T.D.: 8575
Comp.: 4 Dec 1952
I.P.: 369/42.8/ 12/64"
205. Amerada Petroleum Corp., Orville Eraas "A" #1
SW NE Sec. 12 - T. 158N. - R. 95W. - Williams County
Permit #221
El.: 2328 ground
T.D.: 8265
Comp.: 29 Dec 1952
I.P.: 159/42.0/ 3/4"
206. Zach-Brooks Drilling Company, Edwin Berentson #1
SW SE Sec. 21 - T. 163N. - R. 80W. - Bottineau County
Permit #222
El.: 1495 ground
T.D.: 3633
Comp.: 1 Jan 1953
I.P.: 50/37.0/pump

TOPS

Niobrara	1127
Greenhorn	1720
Dakota	2190
Morrison	2530
Sundance	2600
Piper	2910
Spearfish	3182
Charles	3337
Mission Canyon	3590

207. Continental Oil Company, Lueth #1
 NE NE Sec. 27 - T. 146N. - R. 73W. - Wells County
 Permit #223
 El.: 1933 K.B.
 T.D.: 6031
 Comp.: 7 Jan 1953
 Dry.

TOPS

By Morton Strassberg, North Dakota Geological Survey

Pierre	745
Niobrara	1446
Greenhorn	1955
Muddy	2250
Dakota	2502
Morrison	2692
Sundance	2760
Piper	3030
Spearfish	3132
Amsden	3245
Big Snowy	3285
Charles	3412
Mission Canyon	3493
Lodgepole	3680
Englewood	4194
Nisku	4204
Duperow	4237
Souris River	4393
Interlake	4663
Upper Stony Mtn.	4852
Lower Stony Mtn.	4924
Red River	5022
Winnipeg shale	5634
Winnipeg sandstone	5810
Granite	6020
Total Depth	6033

208. Amerada Petroleum Corp., W. B. Croff #1
 NE NW Sec. 11 - T. 149N.- R. 96W. - McKenzie County
 Permit #224
 El.: 2373 K.B.
 T.D.: 11,685
 Comp.: 15 Mar 1953
 Dry.

209. Amerada Petroleum Corp., Arnold Blikre "A" #1
 SW NW Sec. 17 - T. 158N. - R. 94W. - Mountrail County
 Permit #225
 El.: 2304 ground
 T.D.: 8267
 Comp.: 22 Dec 1952
 I.P.: 499/42.8/ 1/4"

210. Amerada Petroleum Corp., Dena Svor #2
 NE SE Sec. 9 - T. 156N. - R. 95W. - Williams County
 Permit #226
 El.: 2281 ground
 T.D.: 8521
 Comp.: 10 Mar 1953
 I.P.: 453/43.0/ 18/64"
211. Amerada Petroleum Corp., Nels Odegaard "A" #2
 SW SW Sec. 21 - T. 156N. - R. 95W. - Williams County
 Permit #227
 El.: 2450 ground, 2465 K.B.
 T.D.: 8668
 Comp.: 7 June 1953
 I.P.: 422/41.2/ 13/64"
212. Amerada Petroleum Corp., Oline Hagen #1
 NE NE Sec. 23 - T. 158N. - R. 95W. - Williams County
 Permit #228
 El.: 2423 K.B.
 T.D.: 8330
 Comp.: 16 April 1953
 I.P.: 672/41.8/ 1/4"
213. Amerada Petroleum Corp., N.D. "C" B #2
 NE NE Sec. 36 - T. 158N. - R. 95W. - Williams County
 Permit #229
214. Amerada Petroleum Corp., Joel B. Ramberg Tract 2, #1
 NE NW Sec. 32 - T. 156N. - R. 95W. - Williams County
 Permit #230
 El.: 2388 K.B.
 T.D.: 8570
 Comp.: 9 Sept 1953
 I.P.: 560/42.5/ 1/4"
215. Amerada Petroleum Corp., Mary Edwardson #1
 SW SE Sec. 18 - T. 158N. - R. 94W. - Mountrail County
 Permit #231
 El.: 2340 K.B.
 T.D.: 8280
 Comp.: 13 Mar 1953
 I.P.: 481/42.8/ 1/4"
216. Amerada Petroleum Corp., John Iverson #2
 NE NE Sec. 6 -T. 155N. - R. 95W. - Williams County
 Permit #232
 El.: 2327 K.B.
 T.D.: 8584
 Comp. 20 Feb 1953
 I.P.: 618/43.6/ 1/4"

217. Amerada Petroleum Corp., Math Iverson #2
 NE NE Sec. 2 - T. 155N. - R. 96W. - Williams County
 Permit #233
 El.: 2323 K.B.
 T.D.: 8465
 Comp.: 17 Feb 1953
 I.P.: 395/42.6/ 1/4"
218. Amerada Petroleum Corp., Jens Kvam #2
 SW NW Sec. 29 - T. 156N. - R. 95W. - Williams County
 Permit #234
 El.: 2396 K.B.
 T.D.: 8622
 Comp.: 28 Mar 1953
 I.P.: 553/43.5/ 14/64"
219. Amerada Petroleum Corp., Tom L. Heen #1
 NW NW Sec. 22 - T. 156N. - R. 95W. - Williams County
 Permit #235
 El.: 2331 ground
 T.D.: 8451
 Comp.: 2 Jan 1953
 I.P.: 525/43.4/ 18/64"
220. Amerada Petroleum Corp., Esther Knoshaug #1
 SW NW Sec. 6 - T. 157N. - R. 94W. - Mountrail County
 Permit #236
 El.: 2452 ground, 2465 K.B.
 T.D.: 8394
 Comp.: 10 May 1953
 I.P.: 585/41.9/ 1/4"
221. Amerada Petroleum Corp., Inez S. Pierson #1
 SW NW Sec. 10 - T. 156N. - R. 95W. - Williams County
 Permit #237 El.: 2294 ground
 T.D.: 8454
 Comp.: 29 Jan 1953
 I.P.: 309/42.7/ 1/4"
222. Amerada Petroleum Corp., Olaf Giske #1
 NE NW Sec. 13 - T. 155N. - R. 96W. - Williams County
 Permit #238
 El.: 2345 K.B.
 T.D.: 8492
 Comp.: 16 Feb 1953
 I.P.: 178/41.8/ 1/4"
223. Amerada Petroleum Corp., Clarence Iverson #2
 NW SW Sec. 6 - T. 155N. - R. 95W. - Williams County
 Permit #239
 El.: 2364 ground
 T.D.: 8627
 Comp.: 19 Mar 1953
 I.P.: 666/44.2/ 1/4"

224. Amerada Petroleum Corp., Edward M. Haugen #1
 NW NE Sec. 7 - T. 155N. - R. 95W. - Williams County
 Permit #240
 El.: 2380 K.B.
 T.D.: 8587
 Comp.: 8 Feb 1953
 I.P.: 595/43.2/ 1/4"
225. Amerada Petroleum Corp., Robert Wanberg #1
 NE NE Sec. 25 - T. 156N. - R. 96W. - Williams County
 Permit #241
 El.: 2380 K.B.
 T.D.: 8523
 Comp.: 22 Jan 1953
 I.P.: 284/42.3/ 18/64"
226. Murry, Monson and Murry, Olav Stavheim #1
 SE SE Sec. 33 - T. 164N. - R. 79W. - Bottineau County
 Permit #242
 El.: 1495 ground
 T.D.: 3496
 Comp.: 2 Jan 1953
 Dry.
227. Wakefield Drilling Company - E. L. Hild #1
 SE SW Sec. 31 - T. 158N. - R. 66W. - Towner County
 Permit #243
 El.: 1465 K.B.
 T.D.: 4035
 Comp.: 13 Dec 1952
 Dry.

TOPS

Niobrara	655
Greenhorn	1040
Dakota	1436
Sundance	1630
Piper	1861
Red Beds	1950
Mission Canyon	2030
Nisku	2142
Duperow	2193
Souris River	2485
Dawson Bay	2585
Ashern	2808
Interlake	2845
Upper Stony Mtn.	3107
Lower Stony Mtn.	3188
Red River	3273
Winnipeg shale	3868
Winnipeg sand	3995

228. Amerada Petroleum Corp., C. W. Williams #1
 SW SW Sec. 12 - T. 158N. - R. 95W. - Williams County
 Permit #244
 El.: 2363 K.B.
 T.D.: 8250
 Comp.: 2 Feb 1953
 Dry.
229. Northern Pump Company, A. M. Fruh #1
 SE NW Sec. 10 - T. 158N. - R. 95W. - Williams County
 Permit #245
 El.: 2453 D.F.
 T.D.: 8335
 Comp.: 17 Feb 1953
 Dry.
230. Carter Oil Company, North Dakota State #1
 NE SE Sec. 16 - T. 143N. - R. 71W. - Kidder County
 Permit #246
 El.: 1890 K.B.
 T.D.: 5154
 Comp.: 15 Jan 1953
 Dry.

TOPS

By Strassberg, North Dakota Geological Survey

Cretaceous System	
Niobrara	1160
Greenhorn	1764
Dakota	2318
Jurassic System	
Morrison	2559
Sundance	2650
Piper	2785
Mississippian	
Charles	2880
Mission Canyon	3000
Lodgepole	3250
Englewood	3620
Devonian	
Lyleton	3650
Nisku	3682
Duperow	3710
Souris River	3840
Dawson Bay	3925
Ashern	3950
Silurian	
Interlake	4010
Ordovician	
Upper Stony Mtn.	4065
Lower Stony Mtn.	4130
Red River	4231
Winnipeg	4825
Pre-Cambrian	5135

231. Concord - M. B. Rums, Raymond Jensen #1
 SW SW Sec. 8 - T. 158N. - R. 94W. - Mountrail County
 Permit #247
 El.: 2354 K.B.
 T.D.: 8284
 Comp.: 14 Feb 1953
 I.P.: 394/44.0/ 1/4"
232. Youngblood and Youngblood, Kelstrom #1
 SW SW Sec. 26 - T. 133N. - R. 83W. - Grant County
 Permit #248
 El.: 1997 K.B.
 T.D.: 6800 Tops on page 102
 Comp.: 16 Jan 1953
 Dry.
233. Amerada Petroleum Corp., Albert Solseth #1
 NE NE Sec. 25 - T. 158N. - R. 95W. - Williams County
 Permit #249
 El.: 2361 ground
 T.D.: 8250
 Comp.: 9 Jan 1953
 I.P.: 376/43.1/ 14/64"
234. Amerada Petroleum Corp., Leroy Nelson Tract 2, #1
 NE NW Sec. 11 - T. 155N. - R. 96W. - Williams County
 Permit #250
 El.: 2317 ground
 T.D.: 8463
 Comp.: 22 Jan 1953
 I.P.: 568/43.3/ 14/64"
235. Amerada Petroleum Corp., Throno Lalim #2
 NE NE Sec. 35 - T. 158N. - R. 95W. - Williams County
 Permit #251
 El.: 2467 K.B.
 T.D.: 8387
 Comp.: 17 Jan 1953
 I.P.: 478/43.3/ 1/4"
236. Amerada Petroleum Corp., P. O. Iverson Unit, #2
 SW SW Sec. 7 - T. 155N. - R. 95W. - Williams County
 Permit #252
 El.: 2368 ground
 T.D.: 8528
 Comp.: 31 Dec 1952
 I.P.: 373/43.2/ 1/4"
237. Amerada Petroleum Corp., Clifford Rice #1
 NE NW Sec. 23 - T. 158N. - R. 94W. - Mountrail County
 Permit #253
 El.: 2411 ground
 T.D.: 8614
 Comp.: 28 Jan 1953
 I.P.: Swab 65 bbls. per day of 32.7° A.P.I. oil.

238. Amerada. Petroleum Corp., Hans Hanson #1
SW SE Sec. 7 - T. 158N. - R. 94W. - Mountrail County
Permit #254
El.: 2355 K.B.
T.D.: 8246
Comp.: 3 Feb 1953
I.P.: 458/42.5/ 1/4"
239. M. B. Rudman - Concord, Hans Hanson #1
NE SW Sec. 7 - T. - 158N.- R. 94W. - Mountrail County
Permit #255
El.: 2365 K.B.
T.D.: 8282
Comp.: 10 Mar 1953
I.P.: 218/43.5/ 1/4"
240. Cardinal Drilling Company, Brenden #1
NW SE Sec. 11 - T. 163N. - R. 79W. - Bottineau County
Permit #256
El.: 1509 K.B.
T.D.: 3521
Comp.: 28 Feb 1953
Dry.
241. Amerada Petroleum Corp., Reinert Skaar #2
SW NW Sec. 24 - T. 158N. - R.- 95W. - Williams County
Permit #257
El.: 2427 K.B.
T.D.: 8378
Comp.: 23 Feb 1953
I.P.: 596/42.8/ 1/4"
242. Amerada Petroleum Corporation, North Dakota "A" Unit, #5
NE NE Sec. 16 - T. 156N. - R. 95W. - Williams County
Permit #258
El.: 2312 K.B.
T.D.: 8414
Comp.: 10 July 1953
I.P.: 337/43.5/ 1/4"
243. Amerada Petroleum C orp., Peter Larson "A" Tract 2, #1
SW NE Sec. 9 - T. 156N. - R. 95W. - Williams County
Permit #259
El.: 2301 K.B.
T.D.: 8508
Comp.: 4 Feb 1953
I.P.: 417/41.8/ 1/4"
244. Amerada Petroleum Corp., Lars Kvam Tract 2, #1
C NE NW Sec. 36 - T. 156N. - R. 96W. - Williams County
Permit #260
El.: 2352 K.B.
T.D.: 8488
Comp.: 22 July 1953
I.P.: Swab - 83 bbls. of 42.0 A.P.I. oil.

245. Amerada Petroleum Corp., Henry Rhode #1
C NE NE Sec. 7 - T. 157N. - R. 94W. - Mountrail County
Permit #261
El.: 2393 ground
T.D.: 8300
Comp.: 3 May 1953
I.P.: 443/39.8/ 1/4"
246. Northern Natural Gas Producing Company, Raymond & Blanch Lee #1
C NE NE Sec. 36 - T. 154N. - R. 63W. - Ramsey County
Permit #262
El.: 1511 ground
T.D.: 3267
Comp.: 17 Jan 1953
Dry.
217. Frazier - Conroy, Thorson Ekrehagen #1
NE SE Sec. 9 - T. 163N. - R. 78W. - Bottineau County
Permit #263
El.: 1517 ground
T.D.: 308
Comp.: 30 Jan 1953
I.P.: 12/39.0/ on pump
248. Zach-Brooks Drilling Company, Maggid S. S. McDougall, et al, #1
SE NW Sec. 29 - T. 163N.- R. 80W. - Bottineau County
Permit #264
El.: 1502 K.B.
T.D.: 3869
Comp.: 24 Jan 1953
Dry.
249. U. S. Smelting, Refining and Mining Company, Arnold E. Moe #1
C SW NE Sec. 14 - T. 156N. - R. 95W. - Williams County
Permit #265
El.: 2353 K.B.
T.D.: 8576
Comp.: 15 Feb 1953
Dry.
250. The California Company, Ole Fossaa #1
NE SW Sec. 19 - T. 158N. - R. 94W. - Mountrail County
Permit #266
El.: 2370 K.B.
T.D.: 8383
Comp.: 8 Feb 1953
I.P.: 733/41.0/ 3/8"
251. Hunt Oil Company, Olaus Herfindahl #2
NE NW Sec. 30 - T. 156N. - R. 95W. - Williams County
Permit #267
El.: 2379 K.B.
T.D.: 8602
Comp.: 8 March 1953
I.P.: 707/44.0/ 3/8"

252. Hunt - Amerada, Ludvig Olson A #1
NE SE Sec. 24 - T. 158N. - R. 95W. - Williams County
Permit #268
El.: 2408 K.B.
T.D.: 8450
Comp.: 2 April 1953
I.P.: 515/44.1/ 1/4"
253. Hunt - Amerada, Ludvig Olson A #2
SW SE Sec. 24 - T. 158N. - R. 95W. - Williams County
Permit #269
El.: 2422 K.B.
T.D.: 8450
Comp.: 16 May 1953
I.P.: 538/44.2/ 1/4"
254. Amerada Petroleum Corporation, Lars Kvam Tract 1, #2
C SW NE Sec. 19 - T. 156N. - R. 95W. - Williams County
Permit #270
El.: 2397 K.B.
T.D.: 14,066
Comp.: 10 Dec 1953
I.P.: 492/38.8/ 22/64"
255. Amerada Petroleum Corporation, Earl Ferguson #1
SW NE Sec. 14 - T. 155N. - R. 96W. - Williams County
Permit #271
El.: 2265 ground
T.D.: 8481
Comp: 6 March 1953
Dry.
256. Amerada Petroleum Corp., Arnold L. Ives #2
NE NE Sec. 2 - T. 157N. - R. 95W.- Williams County
Permit #272
El.: 2431 K.B.
T.D.: 8360
Comp.: 31 July 1953 I.P.: 458/41.9/ 14/64"
257. Amerada Petroleum Corp., Leroy Nelson Tract 3, #1
NE SE Sec. 35 - T. 157N. - R. 95W. - Williams County
Permit #273
El.: 2235 ground
T.D.: 8337
Comp.: 20 Mar 1953
I.P.: 238/39.9/ 1/2"
258. Amerada Petroleum Corp., Edward Kvam Well #1
SE NW Lot 2 - Sec. 19 - T. 156N.- R. 95W. - Williams County
Permit #274
El.: 2378 K.B.
T.D.: 8527
Comp.: 5 Mar 1953
I.P.: 74/40.5/ 3/4"

259. Amerada Petroleum Corp., Ole K. Stenbak #1
 NE SW Sec. 25 - T. 158N. - R. 95W. - Williams County
 Permit #275
 El.: 2444 ground
 T.D.: 8380
 Comp.: 8 Mar 1953
 I.P.: 518/43.1/ 15/64"
260. Amerada Petroleum Corp., Henry O. Bakken "A" #1
 SW NW Sec. 11 - T. 157N. - R. 95W. - Williams County
 Permit #276
261. Amerada Petroleum Corp., H. E. Davidson "B" #1
 NE NW Sec. 2 - T. 155N. - R. 96W. - Williams County
 Permit #277
262. Amerada Petroleum Corp., North Dakota "C" B #3
 NE NW Sec. 36 - T. 158N. - R. 95W. - Williams County
 Permit #278
 El.: 2471 ground
 T.D.: 8435
 Comp.: 5 Mar 1953
 I.P.: 573/43.7/ 14/64"
263. Amerada Petroleum Corp., Hjalmer Ives "A" #1
 SW SW Sec. 24 - T. 158N. - R. 95W. - Williams County
 Permit #279
 El.: 2474 K.B.
 T.D.: 8430
 Comp.: 9 April 1953
 I.P.: 520/43.0/ 1/4"
264. Murry - Stenjhem - Murry, Lottie Green #1
 SE SE Sec. 23 - T. 163N. - R. 80W. - Bottineau County
 Permit #280
 El.: 1480 ground
 T.D.: 3528
 Comp.: 15 June 1953
 Dry.
265. Amerada Petroleum Corp., Adolph H. Borstad #2
 SW NE Sec. 35 - T. 158N. - R. 95W. - Williams County
 Permit #281
 El.: 2450 K.B.
 T.D.: 8360
 Comp.: 19 June 1953
 I.P.: 586/42.4/ 18/64"
216. Amerada Petroleum Corp., Christina Star #1
 SW NE Sec. 25 - T. 158N. - R. 95W. - Williams County
 Permit #282
 El.: 2437 K.B.
 T.D.: 8380
 Comp.: 17 Feb 1953
 I.P.: 607/43.5/ 1/4"

267. Amerada Petroleum Corp., Norman M. Nelson #2
 SW NW Sec. 11 - T. 155N. - R. 96W - Williams County
 Permit #283
 El.: 2262 K.B.
 T.D.: 8362
 Comp.: 13 April 1953
 I.P.: 692/43.3/ 1/4"
268. Amerada Petroleum Corp, Lars Kvam Tract 1 #1
 SW SE Sec. 19 - T. 156N - R. 95W. - Williams County
 Permit #284
 El.: 2385 K.B.
 T.D.: 8585
 Comp.: 10 Feb 1953
 I.P.: 324/42.1/ 30/64"
269. Amerada Petroleum Corp., Dena Svor Tract 2, #1
 NE SE Sec. 18 - T. 156N. - R. 95W. - Williams County
 Permit #285
 El.: 2362 K.B.
 T.D. 8500
 Comp. 12 June 1953
 I.P.: 478/41.8/ 15/64"
270. Amerada Petroleum Corp., Orville K. Eraas "B" #1
 SW SW Sec. 7 - T. 158N. - R. 94W. - Mountrail County
 Permit #286
 El.: 2353 K.B.
 T.D.: 8277
 Comp.: 20 April 1953
 I.P.: 503/42.8/ 1/4"
271. Amerada Petroleum Corp., Mathias J. Hoiby #1
 NE SW Sec. 30 - T. 158N. -R. 94W. - Mountrail County
 Permit #287
 El.: 2369 K.B.
 T.D.: 8305
 Comp.: 8 April 1953
 I.P.: 582/42.8/ 14/64"
272. Amerada Petroleum Corp., Ida Mae Ramberg #2
 SE SE Sec. 31 - T. 156N. - R. 95W. - Williams County
 Permit #288
 El.: 2299 K.B.
 T.D.: 8539
 Comp.: 19 Aug 1953
 I.P.: 679/44.3/ 1/4"
273. Cardinal Drilling Company, Homme Stone #1
 SW NW Sec. 31 - T. 164N. - R. 78W. - Bottineau County
 Permit #289
 El. 1520 ground
 T.D.: 3074
 Comp.: 20 April 1953
 I.P.: 13/37.3/ 1/8"

274. Phillips Petroleum Co., Olivia Saude #1
NW SE Sec. 19 - T. 158N. - R. 74W. - Pierce County
Permit #290
El.: 1488 K.B.
T.D.: 3361
Comp.: 28 Feb 1953
Dry.

TOPS

Niobrara	1147
Greenhorn	1546
Muddy	1829
Dakota	1972
Morrison	2210
Sundance	2267
Piper	2560
Spearfish	2804
Charles	2936
Mission Canyon	2963
Lodgepole	3074

275. Amerada Petroleum Corp., E. H. Mendenhall #1
SE SW Sec. 9 - T. 154N. - R. 95W. - Williams County
Permit #291
El.: 2269 K.B.
T.D.: 8700
Comp.: 18 April 1953
I.P.: 266/41.6/ 3/4"

276. Amerada Petroleum Corp., Reinert Skaar #3
SW SE Sec. 13 - T. 158N. - R. 95W. - Williams County Permit #292
El.: 2363 K.B.
T.D.: 8275
Comp.: 21 May 1953
I.P.: 491/43.5/ 1/4"

277. Amerada Petroleum Corp., N. D. "B" Tract 2 #1
NE NE Sec. 16 - T. 149N. - R. 95W. - McKenzie County
Permit #293
El.: 2364 K.B.
T.D.: 9620
Comp.: 16 April 1953
Dry.

278. New Concord Development Corp., Ltd., Raymond Jenson #2
NW Sec. 8 - T. 158N. - R. 94W. - Mountrail County
Permit #294
El.: 2400 K.B.
T.D.: 8316
Comp.: 27 April 1953
I.P.: 257/43.5/ 12/64"

279. New Concord Development Corporation Ltd., Hans Hanson #2
NE NW Sec. 7 - T. 158N. - R. 94W. - Mountrail County
Permit #295
El.: 2391 K.B.
T.D.: 8300
Comp.: 24 May 1953
I.P.: 325/43.8/ 12/64"
280. Amerada Petroleum Corp., Catherine E. Peck Tract 1, #1
SW SE Sec. 27 - T. 150N. - R. 96W. - McKenzie County
Permit #296
El.: 2366 K.B.
T.D.: 9532
Comp.: 10 May 1953
Dry.
281. Paul F. Rutledge, R. Aarstad #1
SW NE Sec. 18 - T. 155N. - R. 95W. - Williams County
Permit #297
El.: 2294 K.B.
T.D.: 8475
Comp.: 2 April 1953
I.P.: 288/43.0/ 1/8"
282. Amerada Petroleum Corp., Clifford Hanson #2
NE SW Sec. 18 - T. 158N. - R. 94W. - Mountrail County
Permit #298
El.: 2333 K.B.
T.D.: 8256
Comp.: 22 April 1953
I.P.: 599/44.0/ 1/4"
283. Amerada Petroleum Corp., Arnel Jellesed #1
SW SE Sec. 16 - T. 153N. - R. 95W. - McKenzie County
Permit #299
El.: 2356 K.B.
T.D.: 8957
Comp.: 25 April 1953
I.P.: 308/39.3/ 3/4"
284. Warren Petroleum Corp., Carl J. Anderson #1
SE SE Sec. 31 - T. 159N. - R. 94W. - Burke County
Permit #300
El.: 2340 D.F.
T.D.: 8235
Comp.: 15 June 1953
I.P.: 253/41.6/ 1/4"
285. California Company, Ole Fossaa #2
SW SW Sec. 17 - T. 158N. - R. 94W. - Mountrail County
Permit #301
El.: 2340 K.B.
T.D.: 8230
Comp.: 3 May 1953
I.P.: 276/42.1/ 1/4"

286. Lion Oil Company, Erickson #1
 SW SE Sec. 32 - T. 164N. - R. 78W. - Bottineau County
 Permit #302
 T.D.: 5824
 El.: 1539 K.B.
 Comp.: 3 May 1953
 Dry.
287. Frazier-Conroy Drilling Company, Sarah Dunbar #1
 NW NW Sec. 13 - T. 146N. - R. 63W. - Foster County
 Permit #303
 El.: 1513 ground
 T.D.: 3121
 Comp.: 31 Mar 1953
 Dry.
288. National Associated Petroleum Company, Sarah Newhouse #1
 NE SE Sec. 3 - T. 162N. - R. 79W. - Bottineau County
 Permit #304
 El.: 1487 ground
 T.D.: 3601 ?
 Temporarily Abandoned 3 May 1953
289. Amerada Petroleum Corp., Ole N. Heggestad #2
 SW SW Sec. 20 - T. 156N. - R. 95W. - Williams County
 Permit #305
 El.: 2411 K.B.
 T.D.: 8610
 Comp.: 4 May 1953
 I.P.: 492/43.2/ 1/4"
290. Amerada Petroleum Corp., North Dakota "C" #2
 SW NE Sec. 36 - T. 157N. - R. 95W. - Williams County
 Permit #306
 El.: 2264 K.B.
 T.D.: 8320
 Comp.: 1 May 1953
 I.P.: 509/44.0/ 1/4"
291. Amerada Petroleum Corp., Herman May Unit #1
 NW NE Sec. 9 - T. 139N. - R. 100W. - Billings County
 Permit #307
 El.: 2774 K.B.
 T.D.: 13,325
 Comp.: 22 Sept 1953
 I.P.: 271/41.6/ 20/64"
292. Amerada Petroleum Corp., Arnold Blikre #2
 SW SE Sec. 12 - T. 158N. - R. 95W. - Williams County
 Permit #308
 El.: 2352 K.B.
 T.D.: 8228
 Comp.: 4 June 1953
 I.P.: 609/43.1/ 1/4"

293. Hunt Oil Company, Ludvig Olson #1
 SW SW Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #309
 El.: 2380 K.B.
 T.D.: 8450
 Comp.: 9 May 1953
 I.P.: 626/44.1/ 14/64"
294. Amerada Petroleum Corp., Peter Wallentinson Unit, #2
 SE SW Sec. 10 - T. 156N. - R. 95W. - Williams County
 Permit #310
 El.: 2307 K.B.
 T.D.: 8550
 Comp.: 4 Aug 1953
 I.P.: 35/40.8/ 3/4"
295. T. M. Evans, Bailey #1
 SW SE Sec. 26 - T. 145N. - R. 62W. - Foster County
 Permit #311
 El.: 1491 ground
 T.D.: 2866
 Comp.: 21 Apr 1953

TOPS

By John W. Caldwell, North Dakota Geological Survey

Niobrara	500
Greenhorn	933
Muddy	1242
Dakota	1400
Lodgepole ?	1712
Englewood	1750
Devonian - Undiff	1788
Interlake	1847
Upper Stony Mountain	1885
Lower Stony Mountain	1951
Red River	2031
Winnipeg shale	2582
Winnipeg sand	2787

296. Amerada Petroleum Corp., A. M. Peterson #2
 SW NW Sec. 17 - T. 156 N. - R. 95W. - Williams County
 Permit #312
 El.: 2378 K.B.
 T.D.: 8531
 Comp.: 5 May 1953
 I.P.: 292/43.7/ 1/4"
297. Amerada Petroleum Corp., H. E. Davidson "A" Unit #2
 SW SE Sec. 8 - T. 156N. - R. 95W. - Williams County
 Permit #313
 El.: 2344 K.B.
 T.D.: 8490
 Comp.: 29 May 1953
 I.P.: 417/41.0/ 1/4"

298. Amerada Petroleum Corp., Throno Lalim #3
SW SE Sec. 26 - T. 158N.- R. 95W. - Williams County
Permit #314
El.: 2485 K.B.
T.D.: 8400
Comp.: 15 May 1953
I.P.: 643/40.4/ 1/4"
299. Amerada Petroleum Corp., Ida Olson #2
SW SE Sec. 1 - T. 157N. - R. 95W. - Williams County
Permit #315
El.: 2369 K.B.
T.D.: 8270
Comp.: 14 June 1953
I.P.: 487/43.3/ 1/4"
300. Hunt Oil Company, Sam Olson #1
NE NE Sec. 10 - T. 155N. - R. 96W. - Williams County
Permit #316
El.: 2267 K.B.
T.D.: 8450
Comp.: 22 June 1953
I.P.: 552/42.6/ 1/4"
301. Amerada Petroleum Corp., Borstad-Weflen #2
NE NE Sec. 14 - T. 157N. - R. 95W. - Williams County
Permit #317
El.: 2435 K.B.
T.D.: 8341
Comp.: 12 July 1953
I.P.: 467/42.0/ 14/64"
302. Cardinal Drilling Company, Homme Stone #2
NE SE SE Sec. 36 - T. 164N. - R. 79W. - Bottineau County
Permit #318
El.: 1520 D.F.
T.D.: 3083
Comp. 5 June 1953
I.P.: 6/36/ shut in
303. Amerada Petroleum Corp., North Dakota "B" Tract 3, #1
SW SW Sec. 16 - T. 150N. - R. 95W. - McKenzie County
Permit #319
El.: 2262 D.F.
T.D.: 9338
Comp.: 7 June 1953
Dry.
304. New Concord Development Corp., Raymond Jensen #3
NE SW Sec. 8 - T. 158N. - R. 94W. - Mountrail County
Permit #320
El.: 2374 K.B.
T.D.: 8302
Comp.: 7 July 1953
I.P.: 293/43.5/ 12/64"

305. Amerada Petroleum Corp., Steve Yttredahl #1
 SW NE Sec. 33 - T. 154N. - R. 95W. - McKenzie County
 Permit #321
 El.: 1828 K.B.
 T.D.: 8376
 Comp.: 23 June 1953
 I.P.: 149/41.5/ 1/2"
306. Amerada Petroleum Corp., E. H. Pittsley Tract 1, #1
 SE SE Sec. 15 - T. 151N. - R. 96W. - McKenzie County
 Permit #322
 El. 2395 K.B.
 T.D. 9451
 Comp. 7 July 1953
 Dry.
307. Amerada Petroleum Corp., Ole Lokken #1
 NE SW Sec. 5 - T. 157N. - R. 94W. - Mountrail County
 Permit #323
 El.: 2347 K.B.
 T.D.: 8353
 Comp.: 16 June 1953
 Dry.
308. Amerada Petroleum Corp., Henry O. Bakken #2
 NE SW Sec. 12 - T. 157N. - R. 95W. - Williams County
 Permit #324
 El.: 2416 K.B.
 T.D.: 8324
 Comp.: 7 June 1953
 I.P.: 511/43.2/ 21/64"
309. Amerada Petroleum Corp., Sophie Herfindahl "A", #1
 SW NE Sec. 35 - T. 156N. - R. 96W. - Williams County
 Permit #325
 El.: 2314 K.B.
 T.D.: 8507
 Comp.: 23 June 1953
 I.P.: 88/41/ 3/4"
310. Hunt Oil Company, Sam Olson #2
 NE SE Sec. 10 - T. 155N. - R. 96W. - Williams County
 Permit #326
 El.: 2281 K.B.
 T.D.: 8460
 Comp.: 3 Aug 1953
 I.P.: 457/42.7/ 14/64"
311. Hunt Oil Company, H. M. Bakken #5
 NE SE Sec. 20 - T. 156N. - R. 95W. - Williams County
 Permit #327
 El.: 2341 K.B.
 T.D.: 8720
 Comp.: 4 June 1953
 I.P.: 625/44.3/ 14/64"

312. Paul F. Rutledge, Hans Hanson #1
 SW NE Sec. 7 - T. 158N. - R. 94W. - Mountrail County
 Permit #328
 El.: 2366 K.B.
 T.D.: 8255
 Comp.: 18 June 1953
 I.P.: 243/42.6/ 1/4"
313. K. Alfred Ellison, N.D. #1
 NE NE Sec. 16 - T. 159N. - R. 96W. - Williams County
 Permit #329
 El.: 2206 K.B.
 T.D.: 8379
 Comp.: 25 June 1953
 Dry.
314. The California Company, Mat Blestrud #1
 SE SW Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #330
 El.: 2379 K.B.
 T.D.: 8270
 Comp.: 19 June 1953
 I.P.: 466/41.6/ 1/4"
315. Hunt Oil Company, A. S. Haustveit #1
 NE SE Sec. 23 - T. 157N. - R. 95W. - William County
 Permit #331
 El.: 2321 K.B.
 T.D.: 8410
 Comp.: 24 June 1953
 I.P.: 339/41.6/ 20/64"
316. T. M. Evans Production Corp., Andy Leroy Johnson #1
 NW SW Sec. 23 - T. 160N. - R. 70W. - Rolette County
 Permit #332
 El.: 1643 ground
 T.D.: 4942
 Comp.: 9 June 1953
 Dry.

TOPS

By Morton Strassberg, North Dakota Geological Survey

Niobrara	1023
Greenhorn	1422
Muddy	1690
Dakota	1825
Morrison	1961
Sundance	2020
Piper	2296
Spearfish	2500
Lodgepole	2576
Englewood	2755
Iyleton	2805
Nisku	2828

Duperow	2918
Souris River	3267
Dawson Bay	3483
Prairie Evaporite	3625
Winnipegosis	3679
Ashern	3742
Interlake	3762
Upper Stony Mountain	4008
Lower Stony Mountain	4109
Red River	4188
Winnipeg shale	4770
Winnipeg sand	4898
Total Depth	4949

317. Amerada Petroleum Corp., Peter Kvam #2
 NE NW Sec. 20 - T. 156N. - R. 95W. - Williams County
 Permit #333
 El.: 2429 K.B.
 T.D.: 8529
 Comp.: 21 Aug 1953
 I.P.: 457/2.8/ 20/64"
318. Amerada Petroleum Corp., Hjalmer Ives "A" #2
 NE NW Sec. 25 - T. 158N. - R. 95W. - Williams County
 Permit #334
 El.: 2454 K.B.
 T.D.: 8364
 Comp.: 7 Aug 1953
 I.P.: 659/43.1/ 1/4"
319. Amerada Petroleum Corp., Mat Blestrud Tract 1 #2
 NE NE Sec. 24 - T. 158N. - R. 95W. - Williams County
 Permit #335
 El.: 2388 K.B.
 T.D.: 8293
 Comp.: 24 June 1953
 I.P.: 496/41.4/ 14/64"
320. Amerada Petroleum Corp., Morten Anderson #1
 SE SW Sec. 2 - T. 152N. - R. 96W. - McKenzie County
 Permit #336
 El.: 2362 K.B.
 T.D.: 9078
 Comp.: 17 July 1953
 Dry.
321. Spartan Drilling Company, Baukol Noonan Inc. #1
 SW NE Sec. 11 - T. 162N. - R. 95W. - Divide County
 Permit #337
 El.: 2031 K.B.
 T.D.: 7953
 Comp.: 9 Aug 1953
 Dry.

TOPS

	Cretaceous System	
	Pierre	1262
	Niobrara	2960
	Greenhorn	3673
	"Muddy"	4061
	Dakota	4320
	Jurassic System	
	Morrison	4650
	Sundance	4843
	Piper	5403
	Triassic System	
	Spearfish	5670
	Mississippian System	
	Kibby	6020
	Charles	6223
	Mission Canyon	6602
322.	Hunt Oil Company, Carl A. Strombeck #1	
	SE NW Sec. 28 - T. 159N. - R. 95W. - Williams County	
	Permit #338	
	El.: 2341 K.B.	
	T.D.: 8185	
	Comp.: 25 June 1953	
	Dry.	
323.	Amerada Petroleum Corp., Clarence Iverson "C" #1	
	NE SE Sec. 36 - T. 156N. - R. 96W. - Williams County	
	Permit #339	
	El.: 2341 K.B.	
	T.D.: 8460	
	Comp.: 23 Aug 1953	
	I.P.: 444/43.2/ 1/4"	
324.	Amerada Petroleum Corp., Lars Kvam "A" #1	
	SW SE Sec. 20 - T. 156N. - R. 95W. - Williams County	
	Permit #340	
	El.: 2448 K.B.	
	T.D.: 8651	
	Comp.: 14 Aug 1953	
	I.P.: 578/41.2/ 1/4"	
325.	Amerada Petroleum Corp., A. M. Peterson #3	
	NE SW Sec. 17 - T. 156N. - R. 95W. - Williams County	
	Permit #341	
	El.: 2403 K.B.	
	T.D.: 8497	
	Comp.: 19 July 1953	
	I.P.: 595/42.3/ 14/64"	
326.	Amerada Petroleum Corp., Joseph Rice #2	
	NE SE Sec. 18 - T. 158N. - R. 94W. - Mountrail County	
	Permit #342	
	El.: 2322 K.B.	
	T.D.: 8224	

Comp.: 10 July 1953
I.P.: 588/42.8/ 1/4"

327. Calvert Exploration Co., Herman J. Bollinger #1
NE SE Sec. 22 - T. 161N.- R. 77W. - Bottineau County
Permit #343
El.: 1471 ground
T.D.: 3710
Comp.: 11 July 1953
Dry.
328. Calvert Exploration Co., Emery Charbonneau #1
NW NW Sec. 28 - T. 162N. - R. 74W. - Bottineau County
Permit #344
El.: 1887 ground
T.D.: 3865
Comp.: 21 June 1953
Dry.
329. Murry-Monson-and Murry, Raymond and Minnie Tolstad #1
NE NE NE Sec. 34 - T. 164N. - R. 79W. - Bottineau County
Permit #345
El.: 1515 K.B.
T.D.: 3204
Comp.: 23 June 1953
Dry.
330. Amerada Petroleum Corp., Clifford Rice, "A" #1
SW SW Sec. 23 - T. 158N. - R. 94W. - Mountrail County
Permit #346
El.: 2399 K.B.
T.D.: 8431
Comp.: 8 Aug 1953
Dry.
331. Amerada Petroleum Corp., Palmer Dilland #2
NE NE Sec. 31 - T. 156N. - R. 95W. - Williams County
Permit #347
El.: 2346 K.B.
T.D.: 8600
Comp.: 13 July 1953
I.P.: 460/44.0/ 14/64"
332. Amerada Petroleum Corp., Reinert Skaar #1
NE NW Sec. 24 - T. 158N. - R. 95W. - Williams County
Permit #348
El.: 2442 K.B.
T.D.: 8306
Comp.: 13 Oct 1953
I.P.: 597/43.5/ 16/64"
333. Ward-Williston Drilling Co., Burt Klokstad #2
SE NW Sec. 36 - T. 164N. - R. 79W. - Bottineau County
Permit #349
El.: 1521 K.B.
T.D.: 3094

- Comp.: 15 Aug 1953
I.P.: 100% water shut in
334. T. M. Evans, Christian Erickson #1
NE SE Sec. 24. - T. 145N.- R. 64W. - Foster County
Permit #350
El.: 1537 ground
T.D.: 3297
Comp.: 20 June 1953
Dry.
335. Amerada Petroleum Corp., - R. G. McGuinness #2
NE NE Sec. 12 - T. 157N. - R. 95W. - Williams County
Permit #351
El.: 2342 ground, 2355 K.B.
T.D.: 8255
Comp.: 15 July 1953
I.P.: 392/44.2/ 15/64"
336. E. Wilson Germany and Cardinal Drilling Co., Tony C. Faul #1
SE NW Sec. - T. 148N. - R. 73W. - Wells County
Permit #352
El.: 1629 ground
T.D.: 3500
Comp.: 16 Aug 1953
Dry.
337. E. Wilson Germany and Cardinal Drilling Co., Leo Fallon #1
NE SE Sec. 22 - T. 148N. - R. 74W. - Sheridan County
Permit #353
El.: 1891 K.B.
T.D.: 3992
Comp.: 2 Sept 1953
Dry.
338. Sohio Petroleum Co., A. J. Artz #1
NE NW SW Sec. 14 - T. 163N. - R. 82W. - Bottineau County
Permit #354
El.: 1521 ground
T.D.: 4123
Comp.: 7 Aug 1953
Dry.
339. Paul F. Rutledge., Hans Hanson #2
NE NE Sec. 7 - T. 158N. - R. 94W. - Mountrail County
Permit #355
El.: 2400 K.B.
T.D.: 8290
Comp.: 21 July 1953
I.P.: 422/43.0/ 14/64"
340. Amerada Petroleum Corps, Arnold Blikre "A" Tract 2 #1
SW NW Sec. 6 - T. 158N. - R. 94W. - Mountrail County
Permit #356
El.: 2385 K.B.
T.D.: 8253
Comp.: 28 July 1953
I.P.: 376/42.3/ 18/64"

341. Stanolind Oil and Gas Company, Woodrow Starr #3
 SW SE Sec. 21 - T. 152N. - R. 94W. - McKenzie County - Fort
 Berthold Reservation
 Permit #357
 El.: 2145 K.B.
 T.D.: 12,460
 Comp.: 6 Dec 1953
 I.P.: 1420/44/ 12/64"
342. Ward-Williston Drilling Company, Bert Klokstad #3
 NE SW NW Sec. 36 - T. 164N. - R. 79W. - Bottineau County
 Permit #358
 El.: 1528 K.B.
 T.D.: 3088
 Comp.: 24 Aug 1953
 I.P.: 25/35.4/on pump
343. The Texas Company, Government Dorough #1
 SE SW Sec. 8 - T. 153N. - R. 95W. - McKenzie County
 Permit #359
 El.: 2371 ground
 T.D.: 8938
 Comp.: 27 Sept 1953
 I.P.: 320/41.0/ 18/64"
344. Plymouth Oil Company, Frank A. Fischer #1
 SW NE Sec. 11 - T. 137N. - R. 98W. - Stark County
 Permit #360
 El.: 2798 K.B.
 T.D.: 10,480
 Comp.: 20 Sept 1953
 Dry.
345. Amerada Petroleum Corp., Orville K. Eraas #2
 NE NW Sec. 18 - T. 158N. - R. 94W. - Mountrail County Permit #361
 El.: 2340 K.B.
 T.D.: 8232
 Comp.: 9 Aug 1953
 I.P.: 504/43.4/ 1/4"
346. Amerada Petroleum Corp., Hans Hanson #2
 NE SE Sec. 7 - T. 158N. - R. 94W. - Mountrail County
 Permit #362
 El.: 2384 K.B.
 T.D.: 8258
 Comp.: 23 Aug 1953
 I.P.: 577/43.8/ 15/64"
347. Amerada Petroleum Corp., John Iverson #3
 NE NW Sec. 6 - T. 155N. - R. 95W. - Williams County
 Permit #363
 El.: 2350 K.B.
 T.D.: 8560
 Comp.: 2 Sept 1953
 I.P.: 510/43.2/ 18/64"

348. Cardinal Drilling Company, Bennison et al #1
SW SW Sec. 12 - T. 161N. - R. 75W. - Bottineau County
Permit #364
El.: 1603 K.B.
T.D.: 3690 ?
Comp.: 26 July 1953
Dry.
349. Hunt Oil Company, Josie Knutson #1
SE NE Sec. 24 - T. 156N. - R. 96W. - Williams County
Permit #365
El.: 2407 K.B.
T.D.: 8600
Comp.: 13 Aug 1953
Dry.
350. Amerada Petroleum Corp., Arnold Ives "A" #2
SW NE Sec. 1 - T. 157N. - R. 95W. - Williams County
Permit #366
El.: 2431 K.B.
T.D.: 8333
Comp.: 13 Aug 1953
I.P.: 54/43.1/ 18/64"
351. Amerada Petroleum Corp., H. G. Onstad #3
SW SW Sec. 29 - T. 156N. - R. 95W. - Williams County
Permit #367
El.: 2401 K.B.
T.D.: 8600
Comp.: 27 Oct 1953
I.P.: 682/42.7/ 14/64"
352. Amerada Petroleum Corp., Math Iverson #3
NE NW Sec. 1 - T. 155N. - R. 96W. - Williams County
Permit #368
353. Amerada Petroleum Corp., N. D. "C" B #4
NE SE Sec. 36 - T. 158N. - R. 95W. - Williams County
Permit #369
El.: 2502 K.B.
T.D.: 8395
Comp.: 14 Aug 1953
I.P.: 398/42.1/ 1/4"
354. Concord Development Inc., John K. Hanson #3
SW NE Sec. 5 - T. 158N. - R. 94W. - Mountrail County
Permit #370
El.: 2404 K.B.
T.D.: 8297
Comp.: 21 Aug 1953
I.P.: 234/43.5/ 12/64"
355. Amerada Petroleum Corp., Clifford Hanson #3
SW NW Sec. 18 - T. 158N. - R. 94W. - Mountrail County
Permit #371

356. Amerada Petroleum Corp., Hjalmer Ives #2
NE SE Sec. 26 - T. 158N. - R. 95W. - Williams County
Permit #372
El.: 2521 K.B.
T.D.: 8436
Comp.: 15 Oct 1953
I.P.: 583/41.9/ 15/64"
357. Amerada Petroleum Corp., N. D. "B" Tract 4 Well 1
NE SW Sec. 36 - T. 154N. - R. 96W. - McKenzie County
Permit #373
El: 1867 K.B.
T.D.: 8514
Comp.: 29 Aug 1953
Dry.
358. Calvert Exploration Company, Albert Payne #1
SE NE Sec. 34 - T. 156N. - R. 76W. - McHenry County
Permit #374
El.: 1502 K.B.
T.D.: 236
Comp.: 1 Aug 1953
Dry.
359. Ward-Williston Drilling Company., State of North Dakota #1
SW SE Sec. 36 - T. 164N. - R. 74W. - Bottineau County
Permit #375
El.: 2256 K.B.
T.D.: 4960
Comp.: 8 Aug 1953
Dry.
360. Calvert Exploration Company, Joe Buchmeier (Ziegler) #1
NW SW Sec. 23 - T. 154N. - R. 76W.- McHenry County
Permit #376
El.: 1554 K.B.
T.D.: 3695
Comp.: 17 Aug 1953
Dry.
361. Calvert Exploration Company, Martin Voeller #1
SW NW Sec. 22 - T. 154N. - R. 74W. - Pierce County
Permit #377
El.: 1545 K.B.
T.D.: 3511
Comp.: 2 Sept 1953
Dry.
362. Northwest Oil Drilling Company, Henry Schmidt #1
NE NW Sec. 29 - T. 160N. - R. 77W. - Bottineau County
Permit #378
El.: 1453 D.F.
T.D.: 3891
Comp.: 10 Aug 1953
Dry.

363. Amerada Petroleum Corp., Arnold Blikre "A" Tract 1, #2
NE NW Sec. 17 - T. 158N.- R. 94W. - Mountrail County
Permit #379
El.: 2347 K.B.
T.D.: 8231
Comp.: 12 Sept 1953
I.P.: 340/39.4/ 20/64"
364. Hunt Oil Company, Sam Olson #3
SW NE Sec. 10 - T. 155N. - R. 96W. - Williams County
Permit #380
El.: 2219 K.B.
T.D.: 8432
Comp.: 11 Sept 1953
I.P.: 209/43.1/ 18/64"
365. Amerada Petroleum Corp., Peter P. Braaten #1
SW NE Sec. 14 - T. 157N. - R. 95W. - Williams County
Permit #381
El.: 2367 K.B.
T.D.: 8271
Comp.: 18 Sept 1953
I.P.: 524/42.3/ 14/64"
366. Amerada Petroleum Corp., Oscar O. Bakken #2
NE NE Sec. 11 - T. 157 N. - R. 9W. - Williams County
Permit #382
El.: 2436 K.B.
T.D.: 8323
Comp.: 2 Sept 1953
Dry.
367. Amerada Petroleum Corp., Esther Knoshaug #2
SW NE Sec. 6 - T. 157N.- R. 94W. - Mountrail County
Permit #383
El.: 2387 K.B.
T.D.: 8307
Comp.: 17 Sept 1953
I.P.: 554/41.3/ 1/4"
368. Amerada Petroleum Corp., Philip Eraas #2
SW NE Sec. 31 - T. 158N. - R. 94W. - Mountrail County
Permit #384
El.: 2385 K.B.
T.D.: 8280
Comp. 17 Oct 1953
I.P.: 574/42.2/ 15/64"
309. Sohio Petroleum Corp., J. Nelson #1
SE SW Sec. 34 - T. 158N. - R. 81W. - Renville County
Permit #385
El.: 1530 ground
T.D.: 4954
Comp.: 5 Sept 1953
Dry.

370. Herman-Hanson Oil Syndicates Reg. Ogilvie #1
 NW NW Sec. 21 - T. 140N. - R. 65W. - Stutsman County
 Permit #386
 El.: 1573 D.F.
 T.D.: 3293
 Comp.: 6 Sept 1953
 Dry.
371. Amerada Petroleum Corp., Orville K. Eraas "B" #2
 SW NW Sec. 7 - T. 158N. - R. 94W. - Mountrail County
 Permit #387
 El.: 2359 K.B.
 T.D.: 8205
 Comp.: 19 Sept 1953
 I.P.: 549/43.6/ 1/4"
372. Amerada Petroleum Corp., Harvey R. Domy #2
 NE NE Sec. 29 - T. 156N. - R. 95W. - Williams County
 Permit #388
 El.: 2475 K.B.
 T.D.: 8668
 Comp.: 17 Sept 1953
 I.P.: 537/42.8/ 1/4"
373. Amerada Petroleum Corp., Reinert Skaar "A" #1
 NE SW Sec. 24 - T. 158N. - R. 95W. - Williams County
 Permit #389
 El.: 2442 K.B.
 T.D.: 8345
 Comp. 12 Sept 1953
 I.P.: 550/40.6/ 17/64"
374. Amerada Petroleum Corp., Mary Edwardson #2
 NE NE Sec. 19 - T. 158N. - R. 94W. - Mountrail County
 Permit #390
 El.: 2331 K.B.
 T.D.: 8241
 Comp.: 12 Oct 1953
 I.P.: 681/42.9/ 15/64"
375. Amerada Petroleum Corp., W. E. Logan #1
 SE SW Sec. 4 - T. 139N. - R. 100W. - Billings County
 Permit #391
 El.: 2785 K.B.
 T.D.: 9451
 Comp.: 16 Oct 1953
 I.P.: 225/42/ 24/64"
376. Amerada Petroleum Corp., Edward M. Haugen #2
 SE SE Sec. 6 - T. 155N. - R. 95W. - Williams County
 Permit #392
 El.: 2331 K.B.
 T.D.: 8481
 Comp.: 17 Oct 1953
 I.P.: 529/42.3/ 1/4"

377. Williston Oil and Gas Company, Boeckel et al #1
 SW SW Sec. 10 - T. 144N. - R. 88W. - Mercer County
 Permit #393
 El.: 2047 ground
 T.D.: 9014
 Comp.: 4 Nov 1953
 Dry.
378. Worley and Harrell, Inc., Jack Benz #1
 SW NE Sec. 20 - T. 135N. - R. 98W. - Slope County
 Permit #394
 El.: 2943 ground
 T.D.: 8950
 Comp.: 4 Nov 1953
379. Amerada Petroleum Corp., Dena Svor Unit #3
 SW SE Sec. 9 - T. 156N. - R. 95W. - Williams County
 Permit #395
 El.: 2319 K.B.
 T.D.: 8444
 Comp.: 23 Nov 1953
 I.P.: 367/42.0/ 1/4"
380. Hunt Oil Company, H. T. Hamre #1
 NW NE Sec. 2 - T. 157N.- R. 95W. - Williams County
 Permit #396
 El.: 2465 K.B.
 T.D.: 8400
 Comp.: 6 Oct 1953
 I.P.: 406/40.3/ 14/64"
381. Ward-Williston Drilling Company, State "A" #1
 NE SW NW Sec. 36 - T. 164N. - R. 80W. - Bottineau County
 Permit #397
 El.: 1494 K.B.
 T.D.: 3220
 Comp.: 31 Aug 1953
 I.P.: 32/35.8/ pump
382. Amerada Petroleum Corp., Ernest C. Davidson A Unit #1
 SW SW Sec. 8 - T. 156N. - R. 95W. - Williams County
 Permit #398
 El.:2353 K.B.
 T.D.: 8537
 Comp.: 2 Oct 1953
 I.P.: 264/43.0/ 28/64"
383. S. D. Johnson, M. D. Wolf #1
 NW NW Sec. 17 - T. 158N. - R. 62W. - Ramsey County
 Permit #399
 El.: 1554 D.F.
 T.D.: 3278
 Comp.: 12 Sept 1953
 Dry.

384. E. Wilson Germany & Cardinal Drilling Co., George J. Seibel #1
 NE NE Sec. 13 - T. 145N - R. 71W. - Wells County
 Permit #400
 El.: 1891 K.B.
 T.D.: 3500
 Comp.: 13 Sept 1953
 Dry.
385. E. Wilson Germany & Cardinal Drilling Co. - Gerhart Bahnmler #1
 SE SE Sec. 26 - T. 145N. - R. 72W. - Wells County
 Permit #401
 El.: 1914 K.B.
 T.D.: 3700
 Comp.: 1 Nov 1953
 Dry.
386. Amerada Petroleum Corporation L. Nelson Unit Well #1
 SW NW Sec. 12 - T. 155N. - R. 96W. - Williams County
 Permit #402
 El.: 2359 K.B.
 T.D.: 8455
 Comp.: 25 Sept 1953
 I.P.: 595/42.9 / 1/4"
387. Calvert Exploration Company - O. W. & A. J. Fylken #1
 SE NE Sec. 11 - T. 156N. - R. 75W. - McHenry County
 Permit #403
 El.: 1491 Gr.
 T.D.: 3436
 Comp.: 14 Sept 1953
 Dry.
388. Amerada Petroleum Corporation - Anna J. Nelson Unit #2
 NE NE Sec. 17 - T. 156N. - R. 95W. - Williams County
 Permit #404
 El.: 2352 K.B.
 T.D.: 8492
 Comp.: 10 Nov 1953
 I.P.: 451/42.2/ 15/64"
389. Amerada Petroleum Corporation - Henry Iverson Unit #1
 NE SE Sec. 11 - T. 155N. - R. 96W. - Williams County
 Permit #405
 El.: 2393 K.B.
 T.D.: 8525
 Comp.: 21 Oct 1953
 I.P.: 620/42.9 / 1/4"
390. Midwest Exploration Corporation - Union Central Life, Insc & H.
 Amann #1
 SE SE Sec. 24 - T. 160N. - R. 67W. - Towner County
 Permit #406
 El.: Unknown
 T.D.: 3370
 Comp.: 12 Sept 1953
 Dry.

391. M. B. Rudman - J. B. Berg #1
 SW SW Sec. 29 - T. 156N. - R. 95W. - Williams County
 Permit #407
 El.: 2434 K.B.
 T.D.: 8621
 Comp.: 12 Oct 1953
 I.P.: 480/42/ 18/64"
392. Sam G. Harrison - J. H. Anderson et. al #1
 SW SW Sec. 21 - T. 157N. - R. 85W. - Ward County
 Permit #408
 El.: 1873 D.F.
 T.D.: 8107 (P.I.)
 Comp.: 21 Oct 1953
 Dry.
393. Amerada Petroleum Corporation - Clifford Hanson "A" #1
 SW SE Sec. 6 - T. 158N. - R. 94W. - Mountrail County
 Permit #409
 El.: 2405 K.B.
 T.D.: 8249
 Comp.: 20 Oct 1953
 I.P.: 484/41.7/ 1/4"
394. Skelly Oil Company - J. R. Jensen #1
 SE NE Sec. 8 - T. 158N. - R. 94W. - Mountrail County
 Permit #410
 El.: 2369 K.B.
 T.D.: 8261
 Comp.: 14 Oct 1953
 I.P.: 33/41.0/ 1/2"
395. Ward-Williston Drilling Company - State "A" #2
 NE SE NW Sec. 36 - T. 164N. - R. 80W. - Bottineau County
 Permit #411
 El.: 1488 K.B.
 T.D.: 3998
 Comp.: 21 Sept 1953
 Dry.
396. Amerada Petroleum - Corporation Jens Kvam Well #3
 SW NE Sec. 29 - T. 156N. - R. 95W. - Williams County
 Permit #412
397. Amerada Petroleum Corporation - Cora McKeen Well #1
 SE SE Sec. 25 - T. 153N. - R. 95W. - McKenzie County
 Permit #413
 El.: 2315 K.B.
 T.D.: 9171
 Comp.: 25 Oct 1953
 Dry.
398. Amerada Petroleum Corporation - Ida Olson #3
 NE NE Sec. 1 - T. 157N. - R. 95W.- Williams County
 Permit #414
 El.: 2428 K.B.
 T.D.: 8308

- Comp.: 23 Dec 1953
I.P.: 573/43.0/ 1/4"
399. Amerada Petroleum Corporation - Clarence Iverson "A" #2
NW NE Sec. 1 - T. 155N. - R. 96W. - Williams County
Permit #415
400. Amerada Petroleum Corporation - Gurena Synstebby #2
SW SW Sec. 31 - T. 158N. - R. 94W. - Mountrail County
Permit #416
El.: 2468 K.B.
T.D.: 8436
Comp.: 22 Nov 1953
I.P.: 576/44.8/ 15/64"
401. Pollard and Davis - Gregory #1
SE NW Sec. 23 - T. 143N. - R. 61W. - Barnes County
Permit #417
El.: 1473 D.F.
T.D.: 1690
Comp.: 8 Oct 1953
Dry.
402. Amerada Petroleum Corporation - Eddie Sanderson #1
SE NE Sec. 17 - T. 154N. - R. 95W. - Williams County
Permit #418
El.: 1994 K.B.
T.D.: 8406
Comp.: 30 Oct 1953
I.P.: 26/42.0/ Swab
403. Pure Oil Company - J. M. Carr #1
NE NE Sec. 15 - T. 146N. - R. 66W. - Foster County
Permit #419
El.: 1547 K.B.
T.D.: 3559
Comp.: 11 Oct 1953
Dry.
404. Amerada Petroleum Corporation - Jessie Burch #2
SW SW Sec 19 - T. 156N. - R. 95W. - Williams County
Permit #420
El.: 2396 K.B.
T.D.: 8526
Comp.: 11 Dec 1953
I.P.: 447/42.8/ 18/64"
405. Amerada Petroleum Corporation - Lars Kvam Tract1, #3
NE NE Sec. 19 - T. 156N. - R. 95W. - Williams County
Permit #421
406. Hermon Hanson Oil Syndicate - Martha M. Mueller Well #2
NE NE Sec. 20 - T. 140N. - R. 65W. - Stutsman County
Permit #422
El.: 1576 K.B.
T.D.: 3316
Comp.: 4 Oct 1953
Dry.

407. Calvert Exploration Company - Carl Jack & Olive Jack #1
 NE SW Sec. 13 - T. 153N. - R. 63W. - Ramsey County
 Permit #423
 El.: 1487 K.B.
 T.D.: 3279
 Comp.: 14 Oct 1953
 Dry.
408. Calvert Exploration Company - Wendell Haley #1
 SW SW Sec. 1 - T. 153N. - R. 63W. - Williams County
 Permit #424
 El.: 1489 K.B.
 T.D.: 3252 (P.I.)
 Comp.: 20 Oct 1953
 Dry.
409. White Eagle Company - Cavanaugh #1
 NW SE Sec. 27 - T. 159N. - R. 95W. - Williams County
 Permit #425
 El.: 2314 D.F.
 T.D.: 8185
 Comp.: 10 Nov 1953
 Dry.
410. Gulf Oil Corporation - Public Domain Land #1
 NE SW Sec. 24 - T. 143N. - R. 103W. - Golden Valley County
 Permit #426
411. S. D. Johnson Company - Edwin Werner #1
 SW SE Sec. 11 - T. 158N.- R. 63W. - Ramsey County
 Permit #427
 El.: 1551 D.F.
 T.D.: 3340
 Comp.: 4 Oct 1953
 Dry.
412. Amerada Petroleum Corporation - L. Nelson Unit #2
 NE NW Sec. 12 - T. 155N. - R. 96W. - Williams County
 Permit #428
 El.: 2349 K.B.
 T.D.: 8486
 Comp.: 26 Oct 1953
 I.P.: 583/43.7/ 15/64"
413. Carter Oil Company Edward Lockwood Jr. #1
 SE SW Sec. 5 - T. 147N. - R. 93W. - Dunn county
 Permit #429
414. Amerada Petroleum Corporation - Lars Kyam Tract 1 #4
 SW NE Section 30 - T. 156N. - R. 95W. - Williams County
 Permit #430
 El.: 2362 K.B.
 T.D.: 8497
 Comp.: 22 Jan 1954
 I.P.: 502/43.2/ 15/64"

415. Amerada Petroleum Corporation - Willard Hanson #2
 SW SW Sec. 6 - T. 157N. - R. 94W. - Mountrail County
 Permit #431
 El.: 2429 K.B.
 T.D.: 8312
 Comp.: 27 Jan 1954
 I.P.: 476/41.8/ 1/4"
416. O. W. R. Oil Co. & Whitson Company, Inc. - Nels Johnsberg #1
 SW NW Sec. 15 - T. 158N. - R. 93W. - Mountrail County
 Permit #432
 El.: 2411 D.F.
 T.D.: 8536
 Comp.: 10 Nov 1953
 Dry.
417. Amerada Petroleum Corporation - Carl Frisinger #1
 NW SW Sec. 28 - T. 156N. - R. 95W. - Williams County
 Permit #433
 El.: 2463 K.B.
 T.D.: 8626
 Comp.: 26 Dec 1953
 I.P.: 572/42.0/ 1/4"
418. Amerada Petroleum Corporation - Telford Herfindahl #2
 NE SW Sec. 30 - T. 156N. - R. 95W. - Williams County
 Permit #434
 El.: 2401 K.B.
 T.D.: 8533
 Comp.: 8 Dec 1953
 I.P.: 574/42.3/ 15/64"
419. Amerada Petroleum Corporation - Ludvig O. Bakken #2
 SW SW Sec. 1 - T. 157N. - R. 95W. - Williams County
 Permit #435
420. Amerada Petroleum Corporation - Josie Knutson #2
 SW NE Sec. 36 - T. 156N. - R. 96W. - Williams County
 Permit #436
 El.: 2354 K.B.
 T.D.: 8469
 Comp.: 5 Jan 1953
 I.P.: 460/43.4/ 1/4"
421. Amerada Petroleum Corporation - N. D. "C" B #5
 SE SW Sec. 36 - T. 158N. - R. 95W. - Williams County
 Permit #437
422. McLaughlin Incorporated - Wolfe #1
 NE SW Sec. 33 - T. 158N.- R. 62W. - Ramsey County
 Permit #438
 El.: 1534 D.F.
 T.D.: 3200
 Comp.: 27 Oct 1953
 Dry.

423. Amerada Petroleum Corporation - Hjalmer Ives "A" #3
SW NW Sec. 25 - T. 158N. - R. 95W. - Williams County
Permit #439
424. Amerada Petroleum Corporation - Willard Burch #2
SE NW Sec. 21 - T. 156N. - R. 95W. - Williams County
Permit #440
425. Germany & Cardinal - W. H. Dickenson #1
SE SE Sec. 32 - T. 145N. - R. 72W. - Wells County
Permit #441
El.: 2060 K.B.
T.D.: 3865
Comp.: 20 Nov 1953
Dry.
426. Zach Brooks Drilling co. - Haugen #1
NW NE Sec. 11 - T. 163N. - R. 80W. - Bottineau County
Permit #442
El.: 1501 K.B.
T.D.: 3757
Comp.: 11 Oct 1953
Dry.
427. The Texas Oil Company - G. L. Thompson #1
SW SW Sec. 8 - T. 153N. - R. 95W. - McKenzie County
Permit #443
428. Amerada Petroleum Corporation - Tom L. Heen #2
NW SW Sec. 22 - T. 156N. - R. 95W. - Williams County
Permit #444
429. Amerada Petroleum Corporation - Nels Odegaard "A" #3
SW NE Sec. 21 - T. 156N. - R. 95W. - Williams County
Permit #445
430. Amerada Petroleum Corporation - Joseph Rice #3
NE SW Sec. 17 - T. 158N - R. 95W. - Mountrail County
Permit #446
El.: 2319 K.B.
T.D.: 8209
Comp.: 12 Nov 1953
I.P.: 454/41.2/ 1/4"
431. Amerada Petroleum Corporation - Arnold Blikre #3
NE SE Sec. 12 - T. 158N. - R. 95W. - Williams County
Permit #447
El.: 2344 K.B.
T.D.: 8228
Comp.: 16 Nov 1953
I.P.: 491/41.9 / 1/4"

432. Herman Hanson Oil Syndicate, N. E. Hanson #1
SW SE Sec. 2 - T. 146N. - R. 81W. - McLean County
Permit #448
El.: 1957 K.B.
T.D.: 7222
Comp.: 20 Nov 1953
Dry.
433. M.B. Rudman, Donell Drilling Co., J.B. Ramberg #1 A
NW NE Sec. 32 - T. 156N. - R. 95W. - Williams County
Permit #449
El.: 2412 K.B.
T.D.: 8582
Comp.: 17 Nov 1953
I.P.: 503/42.0/ 1/4"
434. Midwest Exploration Co., Henry P. Juntunen #1
NW NW Sec. 27 - T. 163N. - R. 68W. - Towner County
Permit #450
El.: 1729 ground
T.D.: 4405
Comp.: 1 Oct 1953
Dry.
435. Midwest Exploration Co., Heckman #1
SW NE Sec. 12 - T. 158N. - R. 69W.- Pierce County
Permit #451
El.: 1589 D.F.
T.D.: 4590
Comp.: 26 Dec 1953
Dry.
436. Amerada Petroleum Corp., Hjalmer Ives "A" #4
NE NE Sec. 26 - T. 158N. - R. 95W.- Williams County
Permit #452
El.: 2479 K.B.
T.D.: 8382
Comp.: 15 Nov 1953
I.P.: 639/42.5/ 1/4"
437. Calvert Exploration Co, North Dakota State #1
NW NW Sec. 16 - T. 150N. - R. 67W. - Eddy County
Permit #453
El.: 1478 K.B.
T.D.: 4235
Comp.: 1 Nov 1953
Dry.
438. Zach Brooks Drilling Co., Nielson #1
NE SE Sec. 21 - T. 163N. - R. 80W. - Bottineau County
Permit #454
El.: 1506 K.B.
T.D.: 3725
Comp.: 1 Nov 1953
Dry.

439. Amerada Petroleum Corp., E. H.- Ramberg #3
NW SE Sec. 7 - T. 155N. - R. 95W. - Williams County
Permit #455
El.: 2321 K.B.
T.D.: 8476
Comp.: 20 Nov 1953
I.P.: 612/43.5/ 1/4"
440. The Texas Company, C. L. Thompson #2
SE SE Sec. 7 - T. 153N. - R. 95W. - McKenzie County
Permit #456
El.: 2342 Gr.
T.D.: 8930
Comp.: 31 Dec 1953
I.P.: 453/42.0/ 1/4"
441. Amerada Petroleum Corp., James Hanson #1
SW SW Sec. 5 - T. 158N. - R. 94W. - Mountrail County
Permit #457
El.: 2429 K.B.
T.D.: 8270
Comp.: 17 Nov 1953
I.P.: 442/43.2/ 1/4"
442. Amerada Petroleum Corp., Clarence Iverson "B" #2
NE SW Sec. 31 - T. 156N. - R. 95W. - Williams County
Permit #458
443. Amerada Petroleum Corp., N. Dak. "A" Unit #6
SW NW Sec. 16 - T. 156N. - R. 95W. - Williams County
Permit #459
444. Amerada Petroleum Corp., Nels Odegaard "A" #4
NE SW Sec. 21 - T. 156 N. - R. 95W. - Williams County
Permit #460
445. Amerada Petroleum Corp., Henry Iverson Unit #2
SW SE Sec. 11 - T. 155N. - R. 96w. - Williams County
Permit #461
El.: 2326 K.B.
T.D.: 8455
Comp.: 28 Nov 1953
I.P.: 436/42.8/ 1/4"
446. Amerada Petroleum Corp., Don Pederson #1
NE SE Sec. 14 - T. 157N.- R. 95W. - Williams County
Permit #462
447. Amerada Petroleum Corp., North Dakota "C" B, #6
SW NW Sec. 36 - T. 158N.- R. 95W. - Williams County
Permit #463
448. Amerada Petroleum Corp., and Northern Pacific, Frank C. Franchuk Unit #1
NW SW Sec. 10 - T. 139N. - R. 100W. - Billings County
Permit #464

- El.: 2758 K.B.
T.D.: 9403
Comp.: 24 Dec 1953
I.P.: 455/41.3/ 22/64"
449. Leach & Kelsch, Raymond W. Allen #1
SE SW Sec. 17 - T. 161N. - R. 84W. - Renville County
Permit #465
El.: 1680
T.D.: 325
Comp.: 30 Oct 1953
Dry.
450. Leach & Kelsch, Oscar Brudvik #1
NW SW Sec. 21 - T. 161N. - R. 84W. - Renville County
Permit #466
El.: 1664 Gr.
T.D.: 303
Comp.: 14 Nov 1953
Gas, I.P.: 70 MCG 3/4" choke
451. Leach & Kelsch, Paul F. Gehringer #1
NE NE Sec. 21 - T. 161N. - R. 84W. - Renville County
Permit #467
452. Amerada Petroleum Corp., Raymond Jensen Tract 1, #1
NE NW Sec. 8 - T. 158N. - R. 94W. - Mountrail County
Permit #468
El.: 2403 K.B.
T.D.: 8259
Comp.: 17 Dec 1953
I.P.: 225/42.0/ 28/64"
453. Amerada Petroleum Corp., Throno Lalim #4
NE NW Sec. 35 - T. 158N. - R. 95W. - Williams County
Permit #469
El.: 2453 K.B.
T.D.: 8318
Comp.: 17 Dec 1953
I.P.: 572/42.6/ 1/4"
454. Amerada Petroleum Corp., Blestrud-Knoshaug Unit #1
SW SW Sec. 30 - T. 158N. - R. 94W. - Mountrail County
Permit #470
El.: 2419 K.B.
T.D.: 8314
Comp.: 13 Dec 1953
I.P.: 594/42.8/ 16/64"
455. Amerada Petroleum Corp., USA Fruh #1 (U.S. Govt.)
SW SW Sec. 34 - T. 154N. - R. 95W. - McKenzie County
Permit #471
El.: 1959 K.B.
T.D.: 8442
Comp.: 12 Dec 1953
I.P.: 720/40.6/ 18/64"

456. M. B. Rudman Drilling Co., J. B. Ramberg #2 A
SE SE Sec. 29 - T. 156N. - R. 95W. - Williams County
Permit #472
457. Calvert Exploration Co., George Anderson #1
NW SW Sec. 34 - T. 164N. - R. 78W. - Bottineau County
Permit #473
El.: 1539 K.B.
T.D.: 4045
Comp.: 27 Nov 1953
Dry.
458. Calvert Exploration Co , Iver Kornkven #1
NW SE Sec. 32 - T. 164N. - R. 77W. - Bottineau County
Permit #474
El.: 1584 K.B.
T.D.: 3300
Comp.: 14 Dec 1953
Dry.
459. Amerada Petroleum Corp., Margaret Ward Zok et al Unit #1
NW NW Sec. 22 - T. 154N. - R. 95W. - Williams County
Permit #475
El.: 1893 K.B.
T.D.: 8353
Comp.: 28 Dec 1953
I.P.: 424/44.0/ 24/64"
460. Amerada Petroleum Corp., Mat Blestrud Tract 2 #2
SW NE Sec.30 - T. 158N. - R. 94W. - Mountrail County
Permit #476
El.: 2348 K.B.
T.D.: 8233
Comp.: 17 Dec 1953
I.P.: 637/44.0/ 1/4"
461. Amerada Petroleum Corp., Mat Blestrud Tract 2 #3
NE NW Sec. 30 - T. 158N. - R. 94W. - Mountrail County
Permit #477
462. Amerada Petroleum Corp., N.D. "F" #1
NW NW Sec. 36 - T. 155N. - R. 96W.- Williams County
Permit #478
El.: 2107 K.B.
T.D.: 8467
Comp.: 15 Dec 1953
I.P.: 616/42.3/ 15/64"
463. Amerada Petroleum Corp., Albert Solseth #2
NE SE Sec. 25 - T. 158N. - R. 95W. - Williams County
Permit #479
El.: 2451 K.B.
T.D.: 8350
Comp.: 22 Jan 1954
I.P.: 545/44.1/ 1/4"

464. Deep Rock Oil Corp., John Gangl "A" et al #1
 NW NW Sec. 11 - T. 135N. - R. 82W. - Morton County
 Permit #480
 El.: 2131 D.F.
 T.D.: 5345
 Comp.: 16 Dec 1953
 Dry.
465. Leach and Kelsch, Daniel J. Gehringer #1
 NW NE Sec. 22 - T. 161N. - R. 84W. - Renville County
 Permit #481
 El.: unknown
 T.D.: 350
 Comp.: 10 Nov 1953
 Dry.
466. Amerada Petroleum Corp., Ole K. Stenbak #2
 SW SE Sec. 25 - T. 158N. - R. 95W. - Williams County
 Permit #482
467. Los Nietos Company, John Berge #1
 NW SW Sec. 3 - T. 159N. - R. 63W. - Cavalier County
 Permit #483
468. Los Nietos Company, Theodore Stinkoway #1
 NW NE Sec. 31 - T. 159N. - R. 63W. - Cavalier County
 Permit #484
469. Turner Oil Company Dwight Holmes #1
 SE NE Sec. 8 - T. 163N. - R. 55W. - Pembina County
 Permit #485
 El.: 886 D.F.
 T.D.: 1392
 Comp.: 10 Dec 1953
 Dry.
470. Blackwood & Nichols Company., Gilman & Land #1
 NE SE Sec. 15 - T. 140N. - R. 105W. - Golden Valley County
 Permit #486
471. Amerada Petroleum Corp., A. H. Borstad #3
 SW SE Sec. 35 - T. 158N. - R. 95W. - Williams County
 Permit #487
472. Leach & Kelsch, P. F. Gehringer #2
 SE SE Sec. 21 - T. 161N. - R. 84W. - Renville County
 Permit #488
 El.: 1684
 T.D.: 320
 Comp.: 14 Nov 1953
 Dry.
473. Hunt Oil Company, Lawrence Pederson #1
 NE SW Sec. 14 - T. 157N. - R. 95W. - Williams County
 Permit #489
 El.: 2343 K.B.

- T.D.: 8278
Comp.: 4 Jan 1954
I.P.: 216/40.8/ 14/64"
474. William Herbert Hunt, W. & D. Dunham #1
NW NW Sec. 24 - T. 155N.- R. 90W. - Mountrail County
Permit #490
El.: 2161 K.B.
T.D.: 11,109
Comp.: 8 Feb 1954
Dry.
475. Amerada Petroleum Corp., Almer Iverson Tract 2, #2
SE NE Sec. 7 - T. 155N. - R. 95W. - William County
Permit #491
El.: 2346 K.B.
T.D.: 8505
Comp.: 26 Dec 1953
I.P.: 547/44.6/ 15/64"
476. Leach and Kelsch, Raymond W. Allen #2
NE NW Sec.- 27 - T. 161 N. - R. 84W. - Renville County
Permit #492
El.: 1675
T.D.: 325
Comp.: 18 Nov 1953
Dry.
477. Hunt Oil Company, Ole Haugen et al #1
NW SW Sec. 8 - T. 153N. - R. 95W. - McKenzie County
Permit #493
478. Hunt Oil Company, John Isaacson et al #1
NW SE Sec. 8 - T. 153N. - R. 95W. - McKenzie County
Permit #494
479. Amerada Petroleum Corp., Dena Svor Tract 2, #2
SW SE Sec. 18 - T. 156N. - R. 95W. - Williams County
Permit #495
480. Amerada Petroleum Corp., Jens H. Kvam #4
NE SW Sec. 29 - T. 156N.- R. 95W. - Williams County
Permit #496
481. Amerada Petroleum Corp., M. Tande #1
NE NW Sec. 5 - T. 158N. - R. 94W. - Mountrail County
Permit #497
482. Amerada Petroleum Corp., M. J. Hoiby #2
SW SE Sec. 30 - T. 158N. - R. 94W. - Mountrail County
Permit #498
483. Amerada Petroleum Corp., Albert Christenson #2
SW NE Sec. 32 - T. 156N. - R. 95W. - Williams County
Permit #499
El.: 2402 K.B.
T.D.: 8562

- Comp.: 31 Jan 1954
I.P.: 390/438/ 17/64"
484. M. B. Rudman, James Hanson #1
NE SW Sec. 5 - T. 158N. - R. 94W. - Mountrail County
Permit #500
El.: 2412 K.B.
T.D.: 8282
Comp.: 30 Dec 1953
I.P.: 400/42.0/ 1/4"
485. W. H. Hunt, Zach Brook, State #1
NW NW Sec. 16 - T. 129N. - R. 104W. - Bowman County
Permit #501
486. Amerada Petroleum Corp., Ruby A. Pearson #1
NW SW Sec. 17 - T. 155N. - R. 95W. - Williams County
Permit #502
El.: 2195 K.B.
T.D.: 8389
Comp.: 3 Feb 1954
I.P.: 302/43.0/ 1/4"
487. Amerada Petroleum Corp., Gurena Synstebby #3
SW SE Sec. 31 - T. 158N. - R. 94W. - Mountrail County
Permit #503
488. Amerada Petroleum Corp., Odell Knoshaug #1
SW NW Sec. 32 - T. 158N. - R. 94W. - Mountrail County
Permit #504
El.: 2385 K.B.
T.D.: 8273
Comp.: 19 Jan 1954
I.P.: 367/42.3/ 15/64"
489. Amerada Petroleum Corp., Sylvester C. Ramberg #2
NW SW Sec. 5 - T. 155N. - R. 95W. - Williams County
Permit #505
490. Amerada Petroleum Corp., C. M. Moe #1
NW NW Sec. 8 - T. 155N. - R. 95W. - Williams County
Permit #506
491. National Bulk Carriers, Inc., Anna Miller #1
NW NE Sec. 20 - T. 136N. - R. 81W. - Morton County
Permit #507
El.: 1932 K.B.
T.D.: 5009
Comp.: 25 Jan 1954
Dry.
492. Amerada Petroleum Corp., G. L. Thompson #1
NW NE Sec. 17 - T. 153N. - R. 95W. - McKenzie County
Permit #508

493. Amerada Petroleum Corp., Esther Hanson #2
NE SE Sec. 6 - T. 157N. - R. 94W. - Mountrail County
Permit #509
494. Amerada Petroleum Corp., Mons Antonson #2
NE SW Sec. 36 - T. 156N. - R. 96W. - Williams County
Permit #510
495. Amerada Petroleum Corp., S. E. Spangrud #1
NE SE Sec. 1 - T. 158N. - R. 95W. - Williams County
Permit #511
496. Amerada Petroleum Corp., Arthur Iverson #2
NE SW Sec. 1 - T. 155N. - R. 96W. - Williams County
Permit #512
497. Amerada Petroleum Corp., Clarence Iverson "C" #2
SW SE Sec. 36 - T. 156N. - R. 96W. - Williams County
Permit #513
498. Amerada Petroleum Corp., Philip Eraas #3
NE NW Sec. 31 - T. 158N. - R. 94W. - Mountrail County
Permit #514
499. Amerada Petroleum Corp., Arnold L. Ives #3
NE SE Sec. 35 - T. 158N. - R. 95W. - Williams County
Permit #515
500. Amerada Petroleum Corp., Peter Kvam Unit #1
SW NE Sec. 18 - T. 156N. - R. 95W. - Williams County
Permit #516
501. Amerada Petroleum Corp., Peder E. Wolla #1
SE SE Sec. 24 - T. 156N. - R. 96W. - Williams County
Permit #517
502. Amerada Petroleum Corp., Henry Rhode #2
SW NE Sec. 7 - T. 157N. - R. 94W. - Mountrail County
Permit #518
503. Calvert Exploration Co., Andrew Christianson #1
NE SW Sec. 27 - T. 163N. - R. 75W. - Bottineau County
Permit #519
El.: 2136 K.B.
T.D.: 3510
Comp.: 1 Feb 1954
Dry.
504. Calvert Exploration Co., S. H. Haakenstag #1
NE NE Sec. 22 - T. 163N. - R. 77W. - Bottineau County
Permit #520
El.: 1634 K.B.
T.D.: 3370
Comp.: 29 Dec 1953
Dry.

505. Socony-Vacuum Oil Co., Inc., Charles Dvorak #F42-6-P
SE NE Sec. 6 - T. 141N. - R. 94W. - Dunn County
Permit #521
506. Amerada Petroleum Corp., O. T. Blikre #1
SW SE Sec. 8 - T. 158N. - R. 94W. - Mountrail County
Permit #522
El.: 2337 K.B.
T.D.: 8217
Comp.: 21 Jan 1954
I.P.: 92/41.6/ 24/64"
507. Amerada Petroleum Corp., N.D. "C" #3
SW NW Sec. 36 - T. 157N. - R. 95W. - Williams County
Permit #523
508. Los Nietos Oil Company, L. Bukowski #1
NE Sec. 21 - T. 158N. - R. 64W. - Ramsey County
No Permit Number granted - stratigraphic test.
509. Amerada Petroleum Corp., Reinert Skaar #5
SW SW Sec. 13 - T. 158N. - R. 95W. - Williams County
Permit #524
510. Amerada Petroleum Corp., Paul Tweet #1
SW NE Sec. 6 - T. 158N. - R. 94W. - Mountrail County
Permit #525
El.: 2380 K.B.
T.D.: 8234
Comp.: 22 Jan 1954
I.P.: 298/43.9/ 25/64"
511. Socony-Vacuum Oil Company, Inc., Clarence & M. Jacobs #F14-24-P
SW SW Sec. 24 - T. 134N. - R. 96W. - Hettinger County
Permit #526
512. Hunt-Amerada Carl Lalim & Harold Wilkie Unit #1, #1
NE NW Sec. 26 - T. 158N. - R. 95W. - Williams County
Permit #527
El.: 2491 K.B.
T.D.: 8430
Comp.: 10 Feb 1954
I.P.: 268/42.3/ 12/64"
513. Amerada Petroleum Corp., R. G. McGuinness "A" #1
NE NW Sec. 7 - T. 157N. - R. 94W. - Mountrail County
Permit #528
514. Amerada Petroleum Corp., Peter Larson "A" Tract 2, #2
SE NW Sec. 9 - t. 156N. - R. 95W. - Williams County
Permit #529
515. Herman Hanson Oil Syndicate., Harold Billey #1
SE NW Sec. 11 - T. 129N. - R. 63W. - Dickey County
Permit #530
516. Western Natural Gas Company, Truax-Traer Coal Co. #1
NW SW Sec. 13 - T. 132N. - R. 102W. - Bowman County
Permit #531

517. Amerada Petroleum Corp., Steve Yttredahl "A" #1
NE SW Sec. 3 - T. 154N. - R. 95W. - McKenzie County
Permit #532
518. Amerada Petroleum Corp., & Northern Pacific Railway Co., Dan Cheadle Unit, #1
SE NW Sec. - T. 139N. - R. 100W. - Billings County
Permit #533
519. Los Nietos Oil Company, P. Harder #1
NW Sec. 24 - T. 159N. - R. 63W. - Cavalier County
No permit required, stratigraphic test.
520. Los Nietos Oil Company, J. Damberger #1
SE Sec. 25 - T. 158N. - R. 65W. - Towner County
No permit number required, stratigraphic test.
521. The Texas Company M. L. Slaatten #1
NW NW Sec. 17 - T. 153N. - R. 95W. - McKenzie County
Permit #534
522. Amerada and Northern Pacific Railway Company, Earl Joubert Tract 1, #1
SE SE Sec. 4 - T. 139N. - R. 100W. - Billings County
Permit #535
523. M. B. Rudman, Raymond Jensen #1
SW NW Sec. 20 - T. 159N. - R. 94W. - Mountrail County
Permit #536
524. Dakota Drilling Company, Ole Anderson #1
SE NW Sec. 19 - T. 161N. - R. 81W. - Bottineau County
Permit #537
525. Amerada Petroleum Corp., Almer Iverson Tract 1 #2
SW NE Sec. 12 - T. 155N. - R. 96W. - Williams County
Permit #538
526. Amerada Petroleum Corp., Louis E. Iverson #2
NW SE sec. 12 - T. 155N. - R. 96W. - Williams County
Permit #539
527. The California Company, Rough Creek Unit #1
NW NE Sec. 13 - T. 148N. - R. 98W. - McKenzie County
Permit #540
528. William Herbert Hunt, L. C. Anderson #1
NW NE Sec. 25 - T. 157N. - R. 89W. - Mountrail County
Permit #541
529. Amerada Petroleum Corps. Walter Kamp #1
NW NE Sec. 35 - T. 155N. - R. 96W. - Williams County
Permit #542
530. Amerada Petroleum Corp., Ole Granley #1
SE SW Sec. 25 - T. 155N. - R. 96W. - Williams County
Permit #543

- 531. John Snyder & Patrick J. McDonough, Government #1
NE SW Sec. 7 - T. 153N. - R. 95W. - McKenzie County
Permit #544
- 532. Amerada Petroleum Corp., Hattie Houthmaker #1
SE NE Sec. 35 - T. 155N. - R. 96W.- Williams County
Permit #545
- 533. Amerada Petroleum Corp., McClintock Unit, #2
SW SW Sec. 12 - T. 155N. - R. 96W. - Williams County
Permit #546
- 534. Amerada Petroleum Corp., Bergitte Lokken #1
NE SW Sec. 2 - T. 157N. - R. 94W. - Mountrail County
Permit #547
- 535. Amerada Petroleum Corp., J. G. Viall Tract 1, #1
NW NE Sec. 21 - T. 154N. - R. 95W. - Williams County
Permit #548
- 536. Amerada Petroleum Corp., U.S.A. Westberg Tract 1, #1
SE SW Sec. 15 - T. 154N. - R. 95W. - Williams County
Permit #549
- 537. Amerada Petroleum Corp., Lalim-Ives Unit, #1
NE SW Sec. 26 - T. 158N. - R. 95W. - Williams County
Permit #550
- 538. Calvert Exploration Company, Cyrus & Joseph Ranberg #1
NE SE Sec. 17 - T. 154N. - R. 72W. - Pierce County
Permit #551
- 539. William Herbert Hunt Company, Victor H. Kudrna #1
SW NW Sec. 20 - T. 139N. - R. 97W. - Stark County
Permit #552
- 540. The Texas Company Gov't. - Dorough "A" (NCT-2) #1
NE NW Sec. 3 - T. 153N.- R. 95W. - McKenzie County
Permit #553

232.
TOPS Youngblood and Youngblood, Kelstrom #1

Niobrara	1745 ?	Lodgepole	5030
Greenhorn	2346	Englewood	5581
Muddy	2810	Nisku	5615
Dakota	3068	Duperow	5665
Morrison	3230	Souris River	5836
Sundance	3340	Dawson Bay	5910
Piper lime	3570	Elk point	5970
Spearfish	3800	Interlake	5990
Amsden	3860	Upper Stony Mtn.	6207
Big Snowy	4130	Lower Stony Mtn.	6273
Charles	4363	Red River	6363
Mission Canyon	4740	Total Depth	6800

WELL SAMPLES AVAILABLE

Samples from wells listed below are available for study at North Dakota Geological Survey offices in Grand Forks. The well number is given in the first column and is the same number under which the well is listed in Circular No. 5.

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
1	Des Lacs Western, Blum #1	None
5	Glenfield Oil Co. #1	None
7	Herman Hanson #1	None
12	Big Viking Oil Company #1	None
13	California, Nels Camp #1	None
14	Carter, Strat Test	None
15	Carter, Semling #1	1
16	Northern Ordnance, Franklin Investment #1	2
17	H. W. Snowden, Ruddy Bros. #1	3A
18	Price Drilling Co., Kline #1	4A
19	Continental Pure, Davidson #1 (Strat test)	None
20	Union, Aanstad #1, Strat test	None
21	Kelly-Plymouth, Fritz Leutz #1	38
22	Samedan, Vaughn Hanson #1	39
23	Roeser-Pendleton #1, J. J. Weber	40
24	Magnolia Petroleum Co., Dakota A, Strat Test	None
25	Amerada Petroleum Corporation, Clarence Iverson #1	41
26	Phillips-Carter No. 1 Dakota	42
27	Union Oil Company, Chris Skjervheim #1	45
28	Turner Oil Company, L. G. Gapp #1	46
29	Red River Development & Oil Co., Edgar Berg #1	5A & 44
30	Ajax Oil Corporation, Bell #1	43
31	Union Oil Company No. 1 - Lillian Wohletz	48

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
32	Amerada Petroleum Corporation, Henry O. Bakken #1	49
33	Amerada Petroleum Corp., Ben Homer Risser #1	50
34	New Concord Development Corp., Math Iverson #1	47
35	Amerada Petroleum Corp., Palmer Dilland #1	51
36	Union Oil Co. of California - Los Neitos Union Central Life Insurance Company - Ellis No. 1	52
37	Union Oil Company of California - Los Neitos #1 Restad	53
38	The California Company - Blanche Thompson #1	54
39	Hunt Oil Company - W. B. B. Shoemaker #1	61
40	Barnett Drilling Incorporated - John Gaier #1	55
41	Amerada Petroleum Corp. - Kermit Halvorson #1	57
42	Amerada Petroleum Corp. - North Dakota A #1	58
43	Peak Drilling Company - Ohlauser #1	56
44	Amerada Petroleum Corp. - Nels Odegaard #1	60
45	Amerada Petroleum Corp. - Josie Knutson #1	59
46	Amerada Petroleum Corp. - Marvin Iverson #1	63
47	William Herbert Hunt Estate - Joe H. and Anna Wald #1	62
48	Champlin Refining Company - Tank #1	65
49	Stanolind Oil and Gas Co. - McLean County #1	64
50	Amerada Petroleum Corp. - Alvin Iverson #1	67
51	Amerada Petroleum Corp. - Clifford Nylander #1	66
52	Wanete Oil Company - M. O. Lee, et. al, #1	68
53	Hunt Oil Company - Marvin Nylander #1	69
54	Hunt Oil Company - Marvin Nylander #2	70
55	Hunt Oil Company - Sivert Rye #1	71
56	Amerada Petroleum Corp. - Edwin Heen #1	72
57	Amerada Petroleum Corp. - Almer Iverson #1 Tract 1	73

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
59	Amerada Petroleum Corp. - Lars Fretland #1	75
60	New Concord Dev. Corporation - Math Iverson #1-B	76
61	Hunt Oil Company Peter Lennertz #1	77
62	Amerada Petroleum Corp. Ludvig O. Bakken #1	78
63	Amerada Petroleum Corp. - Sophie Herfindahl #1	79
64	Hunt Oil Company - Oliver Olson #1	80
65	Amerada Petroleum Corp. - Reinert Skaar #1	81
66	Amerada Petroleum Corp. - P. O. Iverson Unit #1	82
67	Amerada Petroleum Corp. - Peter Larson #1	83
68	Amerada Petroleum Corp. - Ida Mae Ramberg #1	84
69	Amerada Petroleum Corp. - Telford Herfindahl #1	85
70	Williston Basin Oil Ventures, Inc. - Sigfred Swanson #1	86
71	Amerada Petroleum Corp. - Sylvester C. Ramberg #1	87
72	Amerada Petroleum Corp. - North Dakota "B"	88
73	Amerada Petroleum Corp. - Anna Nylander Unit Well #1	
74	Amerada Petroleum Corp. - Clarence Iverson "A"	90
75	Amerada Petroleum Corp. - Marvin Iverson #2	91
76	Hunt Oil Company - H. M. Bakken #1	92
77	Amerada Petroleum Corp. - North Dakota "C" #1	93
78	Amerada Petroleum Corp. - North Dakota "D"	94
79	Amerada Petroleum Corp. - E. H. Ramberg	95
80	Amerada Petroleum Corp. - Nels Odegaard "A" #1	96
81	Amerada Petroleum Corp. - LeRoy Nelson Tract 1 #1	97
82	Amerada Petroleum Corp. - Arnold Ives #1	98
83	Lion Oil Company - Peder and Lillie Sebelius #1	99
85	Amerada Petroleum Corp. - Louis E. Iverson #1	101

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
86	Amerada Petroleum Corp. - Almer Iverson T 2 #1	102
87	Amerada Petroleum Corp.- John Iverson #1	103
89	General Atlas Carbon Co. - Albert Ketterling #1	105
90	Amerada Petroleum Corp. - Nels Odegaard "B"	106
91	Stanolind Oil Company - J. Brusich #1	107
92	Amerada Petroleum Corp. - R. G. McGuinness #1	108
93	Amerada Petroleum Corp. - Borstad & Weflen #1	109
94	Champlin Refining Company - Elmer Heim #1	110
95	Youngblood and Youngblood - Eugene Wachter	111
96	Amerada Petroleum Corp. - Arnold L. Ives "A" #1	112
97	Amerada Petroleum Corp. - Anna. J. Nelson Unit #1	113
98	Amerada Petroleum Corp. - N. D, "C" A #1	114
99	Amerada Petroleum Corp. - Clifford Hanson #1	115
100	Union Oil of California - Arne and Helmi Saari #1	116
101	Amerada Petroleum Corp. - H. G. Onstad #1	117
102	Amerada Petroleum Corp. - Lars Kvam Unit #1	118
103	Amerada Petroleum Corp. - Peter Wallentinson #1	119
104	M. B. Rudman - Concord-Cordasun - Northern Development Company - George Neset #1	120
105	Stanolind Oil & Gas Company - Walter & Ingeborg Waswick #1	121
106	Amerada Petroleum Corp. - Oliver I. Hersel #1	122
107	Amerada Petroleum Corp. - Norman M. Nelson #1	123
108	Amerada Petroleum Corp. - Talmer Blikre #1	124
110	Lion Oil Company - Huss #1	126
111	S. D. Johnson Company - A. C. Thorkinson #1	127
112	Amerada Petroleum Corp. - Dona Svor #1	128
113	Amerada Petroleum Corp. - Mons Antonson #1	129

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
117	Amerada Petroleum Corps. - Willard Burch #1	133
118	Amerada Petroleum Corp. - Adolph H. Borstad #1	134
119	Hunt Oil Company - Sivert Rye #2	135
120	General Atlas Carbon Company - A. Peplinski #1	136
125	Pure Oil Company - Nellie McGinnity #1	141
126	Quintana Production Company - Chris W. Linnertz #1	142
128	Amerada Petroleum Corp. - North Dakota "E" #1	144
129	Amerada Petroleum Corp. - Esther Hanson #1	145
130	Amerada Petroleum Corp. - Warren L. Larson #1	146
133	Deep Rock Oil Corporation - H. Johnson "A" #1	149
134	General Atlas Carbon Company - Floyd Barthel #1	150
135	Amerada Petroleum Corp. - Phillip Eraas #1	151
137	Amerada Petroleum Corp. - Jens H. Kvam #1	153
138	Amerada Petroleum Corp. - E. H. Ramberg #2	154
139	Amerada Petroleum Corp. - Ebba Hovey #1	155
140	Amerada Petroleum Corp. - Ole N. Heggstad #1	156
141	Amerada Petroleum Corp. - Julius Ulven #1	157
142	Amerada Petroleum Corp. - Lester A. Agre #1	158
143	Amerada Petroleum Corp. - C. E. Noe #1	159
144	Amerada Petroleum Corp. - Oford Boe #1	160
145	Continental Oil Company - Paul H. McCay #1	161
147	Amerada Petroleum Corp. - George Wollan #1	163
148	Amerada Petroleum Corp. - Ole Fossaa #1	164
149	Pollard and Davis - Dwane Guscette #1	165
151	Hunt Oil Company - Emma Kleven #1	167
153	Amerada Petroleum Corp. - Jessie Burch #1	169
154	Amerada Petroleum Corp. - Hjalmer Ives #1	170

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
155	Continental Oil Company - Dronen #1	171
159	Amerada Petroleum Corp. - H. G. Onstad #2	175
160	Amerada Petroleum Corp. - George D. McClintock #1	176
161	Amerada Petroleum Corp. - Arthur Iverson #1	177
164	Amerada Petroleum Corp. - Throno Lalim #1	180
169	Amerada Petroleum Corp. - Joel B. Ramberg #1	185
170	Lion Oil Company - No. 1 Magnuson	186
171	F. H. Rhodes- No. 1 Murphy	187
172	Amerada Petroleum Corp. - Arnold Blikre #1	188
174	Continental Oil Company - No. 1 Dueneland	190
175	Amerada Petroleum Corp. - Oliver Lokken #1	191
176	Amerada Petroleum Corp. - Orville K. Eraas	192
180	Hunt Oil Company - Marvin Nylander #7	196
183	Amerada Petroleum Corp. - Harvey R. Domy #1	199
188	Amerada Petroleum Corp. - Bernice A. Townsend #1	204
194	F. H. Rhodes - R. R. Gibbens #1	210
196	Carter Oil Company - Allyn MacDiarmid #1	212
200	Ward-Williston Drilling Company - W. E. Gorder #1	216
201	Ward-Williston Drilling Company - Bert Klokstad #1	217
202	Amerada Petroleum Corp. - Henry Iverson #1	218
203	Amerada Petroleum Corp. - Richard Blestrud #1	219
204	Amerada Petroleum Corp.- A. M. Peterson #1	220
206	Zach-Brooks Drilling Company - Edwin Berentson #1	222
207	Continental Oil Company - Lueth #1	223
208	Amerada Petroleum Corp. - W. B. Croff #1	224
209	Amerad Petroleum Corp. - Arnold Blikre "A" #1	225
217	Amerada Petroleum Corp. - Math Iverson #2	233

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
222	Amerada Petroleum Corp. - Olaf Giske #1	238
226	Murry, Monson and Murry - Olav Stavheim #1	242
227	Wakefield Drilling Co. - E. L. Hild #1	243
229	Northen Pump Company - A. M. Fruh #1	245
230	Carter Oil Company - North Dakota State #1	246
232	Youngblood and Youngblood - No 1 Kelstrom	248
237	Amerada Petroleum Corp. - Clifford Rice #1	253
240	Cardinal Drilling Company - No. 1 Brenden	256
246	Northern Natural Gas Producing Co. - Raymond and Blanche Lee	262
247	Frazier-Conroy - Thorson Ekrehagen #1	263
248	Zach Brooks Drilling Company - Maggie S. S. McDougall, et al	264
249	Smelting Refining and Mining Co. - Arnold E. Moe #1	265
250	The California Company - Ole Fossaa #1	266
264	Murry-Stenjhen-Murry - Lottie Green #1	280
273	Cardinal Drilling Co. - Homme Stone #1	289
274	Phillips Petroleum Co. - Olivia Saude #1	290
275	Amerada Petroleum Corp. - E. H. Mendenhall #1	291
277	Amerada Petroleum Corp. - N. D. "B" T 2 #1	293
280	Amerada Petroleum Corp. - Catherine E. Peck T 1 #1	296
283	Amerada Petroleum Corp. - Arnel Jellesed #1	299
286	Lion Oil Company - No. 1 Erickson	302
288	National Associated Petroleum Co.- Sarah Newhouse #1	304
291	Amerada Petroleum Corp. - Herman May #1	307
295	T. M. Evans - Bailey No. 1	311
305	Amerada Petroleum Corp. - Steve Yttredahl #1	321
306	Amerada Petroleum Corp. - E.H. Pittsley T 1 #1	322

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
313	K. Alfred Ellison - No. Dak. #1	329
314	The California Company - Mat Blestrud #1	330
316	T. M. Evans Production Company - Andy Leroy Johnson #1	332
320	Amerada Petroleum Corp. - Morten Anderson #1	336
321	Spartan Drilling Company - Baukol Noonan Inc. #1	337
322	Hunt Oil Company - Carl A. Strombeck #1	338
327	Calvert Exploration Company - Herman J. Bollinger #1	343
328	Culvert Exploration Company - Emery Charbonneau	344
329	Murry-Monson-and Murry - Raymond and Minnie Tolstad #1	345
334	T. M. Evans - Christian Erickson #1	350
336	E. Wilson Germany and Cardinal Drilling Co. - Tony C. Faul #1	352
337	E. Wilson Germany & Cardinal Drilling Co. - Leo Fallon #1	353
338	Sohio Petroleum Company - A. J. Artz #1	354
341	Stanolind Oil and Gas Company - Woodrow Starr #1	357
343	The Texas Company - Government Dorough #1	359
344	Plymouth Oil Company - Frank A. Fischer #1	360
348	Cardinal Drilling Company - Bennison et al #1	364
357	Amerada Petroleum Corp. -- N. D. "B" Tract 4 #1	373
358	Culvert Exploration Company - Albert Payne #1	374
359	Ward-Williston Drilling Company - State of N. D. #1	375
360	Culvert Exploration Company - Joe Bachmeier (Zeigler) #1	376
361	Culvert Exploration Company - Martin Voeller #1	377
362	Northwest Oil Drilling Company - Henry Schmidt #1	378
369	Sohio Petroleum Corp. - No. 1 J. Nelson	385

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
370	Herman Hanson Oil Syndicate - Reg. Ogilvie #1	386
375	Amerada Petroleum Petroleum Corp. and Northern Pacific W. E. Logan #1	391
377	Williston Oil and Gas Company - Boeckel et al #1	393
378	Worley & Harrell, Inc. - Jack Benz #1	394
380	Hunt Oil Company - H. T. Hamre #1	396
381	Ward-Williston Drilling Company - State "A" #1	397
383	S. D. Johnson - M. D. Wolf #1	399
384	E. Wilson Germany & Cardinal Drilling Company - George J. Seibel #1	400
385	E. Wilson Germany & Cardinal Drilling Company - Gerhart Behnmiller #1	401
387	Calvert Exploration Company - O. W. & A. J. Fylken #1	403
390	Midwest Exploration Corp. - Union Central Life Ins. & H. Amann #1	406
392	Sam G. Harrison - J H. Anderson et al #1	408
397	Amerada Petroleum Corp. - Cora McKeen #1	413
401	Wright and Pollard - Gregory #1	417
403	Pure Oil Company - J. M. Carr #1	419
406	Herman Hanson Oil Syndicate - Martha M. Mueller #2	422
407	Calvert Exploration Company - Carl Jack & Olive Jack #1	423
408	Calvert Exploration Company Wendell Haley #1	424
409	White Eagle Company - Cavanaugh #1	425
411	S. D. Johnson Company - Edwin Wearier #1	427
416	O. W. R. Oil Co. & Whitson Company, Inc. - Nels Johnsberg #1	432
422	McLaughlin, Inc. - Wolfe #1	438
425	Germany & Cardinal - W. H. Dickenson #1	441

<u>Well No.</u>	<u>Name</u>	<u>Permit No.</u>
426	Zach Brooks Drilling Co. - Haugen #1	442
432	Herman Hanson Oil Syndicate - N. E. Hanson #1	448
434	Midwest Exploration Co. - Henry P. Juntunen	450
437	Calvert Exploration Co. - N. Dak. State #1	453
464	Deep Rock Oil Corp. - John Gangl "A" et al #1	480

SUPPLEMENTAL LIST

162	Amerada Petroleum Corp. - Clifford Syverson #1	178
165	Amerada Petroleum Corp. - Math Iverson #1	181
186	Amerada Petroleum Corp. - Gurena Synstebby #1	202
199	Amerada Petroleum Corp. - Mat Blestrud Tract 2, #1	215
205	Amerada Petroleum Corp. - Orville Eraas "A" #1	221
220	Amerada Petroleum Corp. - Esther Knoshaug #1	236
225	Amerada Petroleum Corp. - Robert Wanberg #1	241
228	Amerada Petroleum Corp. - C. W. Williams #1	244
233	Amerada Petroleum Corp. - Albert Solseth #1	249
236	Amerada Petroleum Corp. - P. O. Iverson Unit, #2	252
255	Amerada Petroleum Corp. - Earl Ferguson #1	271
302	Cardinal Drilling Co. - Homme Stone #2	318
469	Turner Oil Co. - Dwight Holmes #1	485
515	Herman Hanson - Harold Billey #1	530

- 541. Amerada Petroleum Corporation - Hjalmer Ives "A" #5
SW NE Section 26-158N-95W - Williams County
Permit #554
- 542. Amerada Petroleum Corporation - Helen C. Volkman #1
SE NE Section 7-153N-95W - McKenzie County
Permit #555
- 543. Hunt Oil Company - Carl Lalim & Harold Wilkie Unit #2
NE SW Section 23-158N-95W - Williams County
Permit #556
- 544. Owen Drilling Company - W. Waters #1
NE NW Section 22-161N-76W - Bottineau County
Permit #557
- 545. Phillips Petroleum Company - F. G. Hoehn "A" #1
NE SE Section 13-152N-102W - McKenzie County
Permit #558
- 228. Paul F. Rutledge - C. W. Williams #1
SW SW Section 12-158N-95W - Williams County
Permit #559 (Reopened Amerada's old hole)
- 546. The Texas Company - Ole Klevmoen #1
NE NW Section 21-153N-95W - McKenzie County
Permit #560
- 547. William Herbert Hunt - B. H. Weyrauch #1
NE NW Section 27-156N-97W - Williams County
Permit #561
- 548. Pure Oil Company - Ole Gunderson #1
SW NW Section 11-160N-98W - Divide County
Permit #562
- 549. Union Oil Company of California - Heard #1
SW SW Section 16-159N-59W - Cavalier County
No Permit required - Stratigraphic test.
- 550. W. H. Hunt - M. C. Gohrick #1
SE SE Section 5-158N-95W - Williams County
Permit #563
- 551. The Texas Company - Gov't-Dorough "B" (NCT-1) #1
NW NE Section 18-153N-95W - McKenzie County
Permit #564

- 552. Amerada Petroleum Corporation - Kohenn Unit #1
SW SE Section 25-157N-95W - Williams County
Permit #565
- 553. S. D. Johnson - Willis A. Lawston #1
NW SW Section 16-163N-69W - Rolette County
Permit #566
- 554. Amerada Petroleum Corporation - Esther Knoshaug #3
NE NW Section 6-157N-94W - Mountrail County
Permit #567
- 555. Stanolind Oil and Gas Company - N.W.I. (NP) #1
SE SE Section 17-143N-100W - Billings County
Permit #568
- 556. Amerada Petroleum Corporation - Thrond Lalim #5
SW SW Section 26-158N-95W - Williams County
Permit #569
- 557. Owen Drilling Comps - Hydes Associates Schaan #1
NW NW Section 11-154N-73W - Pierce County
Permit #570
- 558. Amerada Petroleum Corporation - John Syminow #1
NW NW Section 15-139N-100W - Billings County
Permit #571
- 559. Amerada Petroleum Corporation - Hans Christianson #1
NW SE Section 25-155N-96W - Williams County
Permit #572
- 560. Owen Drilling Company - Hydes Associates Tjon #1
SW NW Section 18-156N-73W - Pierce County
Permit #573
- 561. Amerada Petroleum Corporation - Maryan Sather Tract 1 Well #1
NE NE Section 34-158N-94W - Mountrail County
Permit #574
- 562. Amerada Petroleum Corporation - Olaf Giske #2
NE NE Section 13-155N-96W - Williams County
Permit #575
- 563. Calvert Exploration Company - James Hulse #1
SW SE Section 10-163N-80W - Bottineau County
Permit #576
- 564. Cardinal & Deep Rock - John J. Fraser #1
SW NW Section 13-163N-80W - Bottineau County
Permit #577

565. Amerada Petroleum Corporation - Albert Erickson #1
SW SE Section 15-158N-94W - Mountrail County
Permit #578
566. Stanolind Oil & Gas Company - New Year Many Ribs #1
SW NW Section 28-152N-94W - McKenzie County
Permit #579
567. Owen Drilling Company - Hyde Associates M. Hager #1
NE NE Section 6-152N-73W - Pierce County
Permit #580
125. Calvert Exploration Company - Nellie McGinnity #1
NW NE Section 6-158N-95W - Williams County
Permit #581
568. Ward-Williston Drilling Company - State "B" #1
SE SW Section 11-161N-72W - Rolette County
Permit #582
569. S. D. Johnson - C. M. Bryant Estate #1
SW NW Section 31-164N-70W - Rolette County
Permit #583
570. Amerada Petroleum Corporation - Math Iverson #4
SW NE Section 2-155-96W - Williams County
Permit #584
571. Cardinal Drill Company - Cora Lamont #1
SW SW Section 27-161N-73W - Rolette County
Permit #585
572. Herman Hanson Oil Syndicate - John Bell #1
NE NW Section 14-129N-63W - Dickey County
Permit #586
573. Texas Company - Gov't.-Dorough "C"- (NCT - 1) #1
NW NE Lot 2 Section 3-153N-95W - McKenzie County
Permit #587
574. Amerada Petroleum Corporation - Reinert Skaar #6
SW NE Section 23-158N-95W - Williams County
Permit #588
575. Amerada Petroleum Corporation - Leroy Nelson Tract 1 #2
SW SW Section 1-155N-96W - Williams County
Permit #589
576. Amerada Petroleum Corporation - Iver Drovdal #1
NE NW Section 12-158N-94W - Williams County
Permit #590

577. Ward-Williston Drilling Company - Gorder-Balletine #1
NE SE NE Section 35-164N-80W - Bottineau County
Permit #591
578. Amerada Petroleum Corporation - Henry K. Rud #1
SE NW Section 25-155N-96W - Williams County
Permit #592
579. S. D. Johnson - Melvin Tingelstad #1
SW SE Section 3-163N-70W - Rolette County
Permit #593
580. A. J. Scott - A. J. Scott #1
NE NE Section 15-151N-53W - Grand Forks County
Permit #594
581. Amerada Petroleum Corporation - Ole Fossaa #2
NE SE Section 19-158N-94W - Mountrail County
Permit #595
582. Cardinal Drilling Company - Axel Swanson #1
SE NE Section 8-160N-73W - Rolette County
Permit #596
583. Owen Drilling Company - Hydes Associates - G. Bromley #1
SE NW Section 27-153N-75W - McHenry County
Permit #597
584. Amerada Petroleum Corporation - N. D. "G" #1
NE SE Section 16-158N-94W - Mountrail County
Permit #598
585. Amerada Petroleum Corporation - Knoshaug-Nelson Unit Well #1
NE SW Section 25-157N-95W - Williams County
Permit #599
586. Gulf Oil Corporation - Federal Land #1
NW NE Section 3-143N-103W - Golden Valley County
Permit #600
587. Oil Exploration Company - Joe Lamb #1
SW SE Section 33-153N-58W - Nelson County
Permit #601
588. William Herbert Hunt - F. C. Neumann #1
SW SE Section 33-152N-82W - Ward County
Permit #602
589. Hunt Oil Company - Carl Lalim & Harold Wilkie Unit #1 #3
SW NW Section 26-158N-95W - Williams County
Permit #603
590. Caroline Hunt Trust Estate - F. M. Fuller #1
SW SE Section 6-136N-73W - Logan County
Permit #604

591. Phillips Petroleum Company - McClure "A" #1
SE SW Section 26-155N-96W - Williams County
Permit #605
592. William Herbert Hunt - Elizabeth McRaith, et al #1
SE NW Section 14-156N-92W - Mountrail County
Permit #606
593. Amerada Petroleum Corporation - Marvin Iverson "A" #1
NE SW Section 18-155N-95W - Williams County
Permit #607
594. Amerada Petroleum Corporation - Anton Bokn #1
SW SE Section 27-158N-94W - Mountrail County
Permit #608
595. Amerada Petroleum Corporation - Dena Svor Unit Well #4
NE SW Section 9-156N-95W - Williams County
Permit #609
596. T. F. Hodge - State Lease #1
NE NE Section 36-160N-95W - Divide County
Permit #610
597. Warren Petroleum Corporation - C. J. Anderson #1
SE SW Section 32-159N-94W - Burke County
Permit #611
598. Amerada Petroleum Corporation and Northern Pacific Railway Co. -
E. G. Joubert #1
SE NW Section 10-139N-100W - Billings County
Permit #612
599. Calvert Exploration Company - N. D. State "A" #1
SW SW Section 36-164N-87W - Renville County
Permit #613
600. Cardinal Dilling Company - Lawrence Bell #1
SW NW Section 27-158N-72W - Pierce County
Permit #614
601. Shell Oil Company - John Stenson #1
NW NE Section 23-156N-69W - Benson County
Permit #615
602. S. D. Johnson Drilling Company - J. J. Johnson #1
NW NW Section 4-143N-69W - Stutsman County
Permit #616

603. Amerada Petroleum Corporation - Ramberg Unit Well #1
SE SW Section 5-155N-95W - Williams County
Permit #617
604. Amerada Petroleum Corporation - A. T. Krogen 1
SE SW Section 17-155N-95W - Williams County
Permit #618
605. Skelly Oil Company - Nels Wangerud #1
SW NE Section 2-157N-94W - Mountrail County
Permit #619
606. Amerada Petroleum Corporation - Roy Syverson #1
SW NW Section 13-157N-95W - Williams County
Permit #620
607. Socony-Vacuum Oil Company - Angus Kennedy F32-24P
SW NE Section 24-149N-93W - Dunn County
Permit #621
608. Amerada Petroleum Corporation - Halvorson-Stockman Unit #1
SE NE Section 25-155N-96W - Williams County
Permit #622
609. Caroline Hunt Trust Estate - George Leitner #1
SW SE Section 14-148N-71W - Wells County
Permit #623
610. Hunt & Amerada - Nelson-Olsen & Boe Unit #1
NE SW Section 11-155N-96W - Williams County
Permit #624
611. Amerada Petroleum Corporation - Ernest H. Lee #1
SW NE Section 22-158N-94W - Mountrail County
Permit #625
612. Amerada Petroleum Corporation - G. O. Nelson #1
SW NW Section 31-157N-94W - Mountrail County
Permit #626
613. Amerada Petroleum Corporation - R. E. Newton #1
NW SW Section 31-140N-99W - Stark County
Permit #627
614. Sun Oil Company - Edwin Lindbo #1
SE NE Section 10-162N-69W - Rolette County
Permit #628
615. Sun Oil Company - William Wayne #1
SE NE Section 20-162N-69W - Rolette County
Permit #629

616. Shell Oil Company - Betsy Jorgenson #1
NE SW Section 5-156N-68W - Benson County
Permit #630
617. Amerada Petroleum Corporation - Anton Bokn "A" #1
SW NE Section 34-158N-94W - Mountrail County
Permit #631
618. Amerada Petroleum Corporation - Halvorson-Boe Unit #1
NE NW Section 14-155N-96W - Williams County
Permit #632
619. Calvert Exploration Company - Max A. Wishek #1
SW NW Section 33-130N-69W - McIntosh County
Permit #633
620. Calvert Exploration Company - C. C. Nitschke #1
NE SE Section 13-130N-69W - McIntosh County
Permit #634
621. Calvert Exploration Company - John Bender #1
NW NW Section 19-130N-69W - McIntosh County
Permit #635
622. Calvert Exploration Company - Karl Schock #1
SW NW Section 17-131N-69W - McIntosh County
Permit #636
623. Cardinal Drilling Company - Winona National & Savings Bank #1
SE SE Section 27-164N-80W - Bottineau County
Permit #637
624. Shell Oil Company - J. O. Crum #1
NW SE Section 34-156N-70W - Benson County
Permit #638
625. Amerada & Northern Pacific Railway - Dan Cheadle Unit "A" #1
SE SW Section 9-139N-100W - Billings County
Permit #639
626. Amerada Petroleum Corporation - Knoshaug-Nelson Unit "A" #1
NE NW Section 25-157N-95W - Williams County
Permit #640
627. Amerada Petroleum Corporation - Orville K. Eraas "A" #2
NE NE Section 12-158N-95W - Williams County
Permit #641
628. Amerada Petroleum Corporation - Clifford D. Hanson "A" #2
NE SE Section 6-158N-94W - Mountrail County
Permit #642

629. Amerada Petroleum Corporation - M. Tande Tract 1 Well #2
SW NW Section 5-158N-94W - Mountrail County
Permit #643
630. The Texas Company - Gov't-Dorough "B" (NCT-1) #2
SE SW Section 7-153N-95W - McKenzie County
Permit #644
631. Ohio Oil Company - Standing Rock Sioux Tribe #1
NE SW Section 29-131N-80W - Sioux County
Permit #645
632. Calvert Exploration Company - Arthur J. & Ida John & Gina Stadum #1
NE SE Section 31-154N-70W - Benson County
Permit #646
633. Amerada Petroleum Corporation - J. G. Viall Tract 1 #2
NW NE Section 21-154N-95W - Williams County
Permit #647
634. Hunt Oil Company - Carl Lalim-Harold Wilkie #4
SW SW Section 23-158N-95W - Williams County
Permit #648
635. S. D. Johnson - C. Hagel #1
NE NE Section 30-145N-68W - Wells County
Permit #649
636. Shell Oil Company - Chester Torgerson #1
SE NE Section 17-153N-68W - Benson County
Permit #650
637. Amerada Petroleum Corporation - N. D. "E" #2
SE SE Section 16-154N-95W - Williams County
Permit #651
638. Amerada Petroleum Corporation - A. L. Carlson #1
NE NW Section 6-158N-94W - Mountrail County
Permit #652
639. Amerada Petroleum Corporation - G. L. Thompson #2
SE SE Section 8-153N-95W - McKenzie County
Permit #653
640. Amerada Petroleum Corporation - Norman Nelson Unit #2
NE SW Section 2-155N-96W - Williams County
Permit #654
641. Amerada Petroleum Corporation - Warren L. Larson #2
SW SE Section 23-158N-95W - Williams County
Permit #655
642. Caroline Hunt Trust Estate - Obed Larson #1
NW NE Section 32-150N-70W - Wells County
Permit #656

643. Warren Petroleum Corporation - Ole L. Hoiby #1
NE NW Section 32-159N-94W - Burke County
Permit #657
644. Gordon B. Butterfield - Rudolph Trautman #1
SE SE Section 5-139N-68W - Stutsman County
Permit #658
645. Shell Oil Company - Murphy Christensen #1
NE NW Section 27-153N-67W - Benson County
Permit #659
646. Amerada Petroleum Corporation - Lokken-Risan Unit #1
NE SE Section 3-157N-94W - Mountrail County
Permit #660
647. Amerada Petroleum Corporation - A. M. Peterson #4
NE NE Section 18-156N-95W - Williams County
Permit #661
648. Hunt & Amerada - Nelson, & Boe Unit Well #2
SW SW Section 11-155N-96W - Williams County
Permit #662
649. Amerada Petroleum Corporation - Clifford A. Syverson #2
NE NW Section 13-157N-95W - Williams County
Permit #663
650. Amerada Petroleum Corporation - Ole Fossaa Tract 1 #1
NE NW Section 20-158N-94W - Mountrail County
Permit #664
651. Shell Oil Company - Christian Hvinden #1
NE SE Section 21-151N-69W - Benson County
Permit #665
652. S. D. Johnson - Joe Taylor #1
SW SW Section 20-145N-67W - Foster County
Permit #666
653. Amerada Petroleum Corporation - Alvin Iverson #2
NE NE Section 14-155N-96W - Williams County
Permit #667
654. Shell Oil Company - Eilert Spidahl #1
SE NE Section 21-152N-69W - Benson County
Permit #668
655. Paul F. Rutledge - R. O. Burbidge #1
SW NW Section 1-157N-94W - Mountrail County
Permit #669
656. William Herbert Hunt - Guy Almy #1
NW NE Section 13-155N-82W - Ward County
Permit #670

657. Sun Oil Company - W. Beaudoin #1
NW SW Section 9-138N-99W - Stark County
Permit #671
658. Amerada & Northern Pacific Railway - Herman May Unit Well #2
SE SE Section 9-139N-100W - Billings County
Permit #672
659. Sun Oil Company - Arthur Espe #1
NW SW Section 5-163N-72W - Rolette County
Permit #673
660. Shell Oil Company - John K. Myhre #1
SE NE Section 16-152N-68W - Benson County
Permit #674
661. S. D. Johnson - C. W. Burnham #1
SE SE Section 17-145N-66W - Foster County
Permit #675
662. Amerada Petroleum Corporation - Arnold Blikre "A" T2 #2
NE SW Section 6-158N-94W - Mountrail County
Permit #676
663. Shell Oil Company - Rudoph Gigstad #1
NE NW Section 10-151N-70W - Benson County
Permit #677
664. Amerada Petroleum Corporation - John Skaar #1
NE SW Section 15-158N-94W - Mountrail County
Permit #678
665. Caroline Hunt Trust Estate - John Waltz, Jr. #1
NE NE Section 15-148N-76W - Sheridan County
Permit #679
666. Amerada Petroleum Corporation - Peter Larson Unit "A" #1
SW NE Section 25-157N-95W - Williams County
Permit #680
667. Amerada Petroleum Corporation - A. Sonstebo #1
NE NE Section 30-158N-94W - Mountrail County
Permit #681
668. Calvert Exploration Company - Margaret Meyers #1
SE SW Section 25-137N-67W - Stutsman County
Permit #682
669. Calvert Exploration Company - Christ Rau #1
SE SW Section 35-139N-68W - Stutsman County
Permit #683

- 670. Calvert Exploration Company - D. C. Wood #1
SE SW Section 24-139N-67W - Stutsman County
Permit #684
- 671. Calvert Exploration Company - George Ganser #1
NW SW Section 12-140N-67W - Stutsman County
Permit #685
- 672. Calvert Exploration Company - Vincent Wanzek #1
NW NW Section 12-139N-67W - Stutsman County
Permit #686
- 673. Calvert Exploration Company - F. L. Robertson #1
NE NE Section 26-138N-67W - Stutsman County
Permit #687
- 674. Amerada Petroleum Corporation - U. S.A. Leach Tract 1 #1
SE SE Section 34-154N-95W - McKenzie County
Permit #688
- 675. Hunt & Amerada - Emore A. Anderson #1
NE SW Section 18-156N-95W - Williams County
Permit #689
- 676. Hunt & Amerada - Lawrence Pederson #2
SW SW Section 14-157N-95W - Williams County
Permit #690
- 677. Amerada Petroleum Corporation - L. A. Agre Unit Well #1
NE NE Section 27-158N-95W - Williams County
Permit #691
- 678. Shell Oil Company - Lars A. Togstad #1
NW NE Section 22-153N-69W - Benson County
Permit #692
- 679. Amerada Petroleum Corporation - Ramberg-Benson Unit #1
NE SE Section 32-156N-95W - Williams County
Permit #693
- 680. Amerada Petroleum Corporation - C. M. Moe "A" #1
SE NW Section 8-155N-95W - Williams County
Permit #694
- 681. Amerada Petroleum Corporation - R. G. McGuinness #3
SW SE Section 12-157N-95W - Williams County
Permit #695
- 682. James H. Snowden - Chester L. Gibson #1
SE SE Section 34-130N-63W - Dickey County
Permit #696

683. Shell Oil Company - H. R. Hofstsand #1
NE NE Section 2-154N-69W - Benson County
Permit #697
684. Caroline Hunt Trust Estate - J. R. Matz #1
NE NE Section 1-147N-75W - Sheridan County
Permit #698
685. British-American Oil Producing Co. - P. Wenstad #1
SW SW Section 32-169N-73W - Rolette County
Permit #699
686. Amerada Petroleum Corporation - John Skaar "A" #1
NE NE Section 21-158N-94W - Mountrail County
Permit #700
687. Amerada Petroleum Corporation - D. L. Anderson #1
NW NW Lot 1 Section 30-155N-95W - Williams County
Permit #701
688. Amerada Petroleum Corporation - Lars Fretland #2
SE SW Section 25-156N-96W - Williams County
Permit #702
689. Caroline Hunt Trust Estate - Norris Thormodsgard(changed from Archie
Johnson)
NE NE Section 31-147N-71W - Wells County
Permit #703
690. Amerada Petroleum Corporation - Leslie Davidson #1
SW SE Section 3-155N-96W - Williams County
Permit #704
691. Amerada Petroleum Corporation - Yttredahl Unit #1
NW SE Section 34-154N-95W - McKenzie County
Permit #705
692. Shell Oil Company - Oscar Sinness #1
NE SW Section 2-156N-67W - Benson County
Permit #706
693. Caroline Hunt Trust Estate - Walter E. Bauer #1
SW SW Section 19-146N-76W - Sheridan County
Permit #707
694. Western Nodana Corporation & Paul F. Rutledge - Oscar E. Westberg #1
NW NW Lot 1 Section 31-159N-95W - Williams County
Permit #708
695. Shell Oil Company - Joseph O. Blegen #1
SW SE Section 14-155N-67W - Benson County
Permit #709

696. F. B. Downing, Sr. - F. L. Heitkamp #1
SE SE Section 7-132N-49W - Richland County
Stratigraphic test
697. Cardinal Drilling Company - William Steen #1
SE NE Section 31-164N-78W - Bottineau County
Permit #710
698. The Texas Company - R. Reitsch (ND-131) #1
SE NE Section 8-153N-95W - McKenzie County
Permit #711
699. Amerada Petroleum Corporation - Oline Hagen #2
NE SE Section 14-158N-95W - Williams County
Permit #712
700. Turner Oil Company - Theodore Belanus #1
NE SE Section 28-164N-56W - Pembina County
Permit #713
701. Caroline Hunt Trust Estate - Board of University & School Lands #1
NE NE Section 36-144N-75W - Burleigh County
Permit #714
702. Shell Oil Company - Ella M. Amble #1
SE SW Section 10-159N-71W - Rolette County
Permit #715
703. Amerada Petroleum Corporation - Andrew Bokn #1
SW SW Section 20-158N-94W - Mountrail County
Permit #716
704. Amerada Petroleum Corporation - Sather-Lokken Unit Well #1
SW NW Section 2-157N-94W - Mountrail County
Permit #717
705. Hunt Oil Company - Walter C. Kamp #1
SE SE Section 35-155N-96W - Williams County
Permit #718
706. Shell Oil Company - Gifford Marchus #1
SE SE Section 23-157N-70W - Pierce County
Permit #719
707. Amerada Petroleum Corporation - Gentz-Hagen Unit Well #1
SE NW Section 15-154N-95W - Williams County
Permit #720
708. Hunt Oil Company - Iver Gravseth #1
NW NW Section 31-164N-78W - Bottineau County
Permit #721

- 709. Amerada Petroleum Corporation - Edward M. Haugen #3
NW SE Section 6-155N-95W - Williams County
Permit #722
- 710. Amerada Petroleum Corporation - John Iverson #4
SW NE Section 6-155N-95W - Williams County
Permit #723
- 711. Amerada Petroleum Corporation - Inga Hersel #2
SW NE Section 4-156N-95W - Williams County
Permit #724
- 712. Socony-Vacuum Oil Company, Inc. - Fleck F12-8-P
SW NW Section 8-158N-72W - Pierce County
Permit #725
- 713. Amerada Petroleum Corporation - Adolph H. Borstad #4
NE NW Section 2-157N-95W - Williams County
Permit #726
- 714. Amerada Petroleum Corporation - Arnold Blikre #4
NE SW Section 12-158N-95W - Williams County
Permit #727
- 715. Amerada Petroleum Corporation - John Arnstad #1
NE SW Section 7-157N-94W - Mountrail County
Permit #728
- 716. Shell Oil Company - Joseph D. Bacher #1
NW NE Section 3-158N-74W - Pierce County
Permit #729
- 717. Amerada Petroleum Corporation - Talmer Blikre "A" #1
NE NE Section 14-158N-95W - Williams County
Permit #730
- 718. Amerada Petroleum Corporation - Lars Fretland #3
NW SE Section 25-156N-96W - Williams County
Permit #731
- 719. Amerada Petroleum Corporation - Sylvester C. Ramberg #3
SE NW Section 5-155N-95W - Williams County
Permit #732
- 720. Amerada Petroleum Corporation - A. T. Krogen #2
NW NW Section 20-155N-95W - Williams County
Permit #733
- 721. Amerada Petroleum Corporation - E. H. Ramberg #4
SE SE Section 7-155N-95W - Williams County
Permit #734

722. Amerada Petroleum Corporation - Sylvester C. Ramberg #4
NW NE Lot 2 Section 5-155N-95W - Williams County
Permit #735
723. Caroline Hunt Trust Estate - Roy P. Schlabach #1
NE NE Section 36-139N-76W - Burleigh County
Permit #736
724. Amerada Petroleum Corp. & M. B. Rudman - Leroy Nelson "A" #1
SW SW Section 30-157N-94W - Mountrail County
Permit #737
725. James N. Snowden, Et Al - Emil Trautman #1
SW NW Section 36-130N-63W - Dickey County
Permit #738
726. Amerada Petroleum Corporation - S. E. Spangrud #2
SW SE Section 1-158N-95W - Williams County
Permit #739
727. Amerada Petroleum Corporation - Minnie Lee #1
NE SW Section 22-158N-94W - Mountrail County
Permit #740
728. Amerada Petroleum Corporation - Paul Tweet #2
NE NE Section 6-158N-94W - Mountrail County
Permit #741
729. Amerada Petroleum Corporation - Phillip Eraas #4
NE NE Section 31-158N-94W - Mountrail County
Permit #742
730. Amerada Petroleum Corporation - Lars Kvam Tract 2 #2
SW NW Section 36-156N-96W - Williams County
Permit #743
731. Amerada Petroleum Corporation - Nels Odegaard "B" #2
NE SE Section 21-156N-95W - Williams County
Permit #744
732. Amerada Petroleum Corporation - Conrad Kolberg #1
SE SE Section 8-154N-95W - Williams County
Permit #745
733. Amerada Petroleum Corporation - Ole Granley #2
SE SE Section 26-155N-96W - Williams County
Permit #746
734. Cities Service Oil Company - Clarke #1
NE NW Section 17-145N-91W - Dunn County
Permit #748

- 735. Caroline Hunt Trust Estate - C. A. Pfeiffer #1
SW SW Section 16-146N-74W - Sheridan County
Permit #749
- 736. Warren Petroleum Corporation - Mathilda Johnson #1
NW SE Section 27-159N-94W - Burke County
Permit #747
- 737. Amerada Petroleum Corporation - Maryan Sather "A" #1
SW NE Section 3-157N-94W - Mountrail County
Permit #756
- 738. Amerada Petroleum Corporation - John Syminow "A" #1
NW SW Section 15-139N-100W - Billings County
Permit #757
- 739. Amerada Petroleum Corporation - A. E. Matteson #1
SE NE Section 16-139N-100W - Billings County
Permit #750
- 740. Amerada Petroleum Corporation - Robert Shelton #2
NE NW Section 9-156N-95W - Williams County
Permit #751
- 741. Amerada Petroleum Corporation - Joel Ramberg Tract 1 #2
SW SE Section 32-156N-95W - Williams County
Permit #752
- 742. Socony-Vacuum Oil Company - Kruse F 22-30-P
SE NW Section 30-134N-75W - Emmons County
Permit #753
- 743. Rudman-Rutledge - Harold Johnson #1
NE SW Section 14-1581-94W - Mountrail County
Permit #754
- 744. Rudman-Rutledge - Chester Nelson #1
NE SE Section 26-157N-95W - Williams County
Permit #755
- 745. Amerada Petroleum Corporation - Norman M. Nelson #3
NE SE Section 3-155N-96W - Williams County
Permit #758
- 746. Amerada Petroleum Corporation - Elmer Ness Tract 1 #1
SW NW Section 5-157N-94W - Mountrail County
Permit #759
- 747. Amerada Petroleum Corporation - Albert Erickson #2
NE NE Section 22-158N-94W - Mountrail County
Permit #760

- 748. Caroline Hunt Trust Estate - E. B. Sauter #1
NW NE Section 32-142N-74W - Kidder County
Permit #761
- 749. Amerada Petroleum Corporation - Gurena Synstebey #4
NE SE Section 31-158N-94W - Mountrail County
Permit #762
- 750. Socony-Vacuum Oil Company - William J. Gross F 33-14-P
NW SE Section 14-141N-69W - Stutsman County
Permit #763
- 751. Amerada Petroleum Corporation - Esther Knoshaug "A" #1
SW SW Section 24-157N-95W - Williams County
Permit #764
- 752. Amerada Petroleum Corporation - A. L. Carlson #2
SW NW Section 6-158N-94W - Mountrail County
Permit #765
- 753. Amerada Petroleum Corporation - O. T. Blikre #2
SW NE Section 17-158N-94W - Mountrail County
Permit #766
- 754. British-American Oil Producing Company - S. Grenier #1
SW SW Section 18-161N-70W - Rolette County
Permit #767
- 755. Deep Rock & Cardinal - Vera Clarke #1
NE NE SE Section 35-164N-80W - Bottineau County
Permit #768
- 756. Caroline Hunt Trust Estate - Robert A. Nicholson #1
SE SE Section 32-137N-77W - Burleigh County
Permit #769
- 757. Hunt Oil Company - Walter C. Kamp #2
NW NE Section 2-154N-96W - Williams County
Permit #770
- 758. Hunt Oil Company - B. E. Hove #1
NW NE Section 34-155N-95W - Williams County
Permit #771
- 759. Amerada Petroleum Corporation - Ruby A. Pearson #2
NE SE Section 18-155N-95W - Williams County
Permit #772
- 760. Amerada Petroleum Corporation - Esther Knoshaug #4
NE NE Section 6-157N-94W - Mountrail County
Permit #773
- 761. The Texas Company - Govt-Dorough (016898) #1
SE NE Section 4-153N-95W - McKenzie County
Permit #774

- 762. Stanolind Oil & Gas Company - Dora Hopkins #1
SW SW Section 22-152N-94W - McKenzie County
Permit #775
- 763. Caroline Hunt Trust Estate - Anton Novy #1
SE SE Section 14-144N-77W - Burleigh County
Permit #776
- 764. Amerada Petroleum Corporation - Hans Christianson #2
NW SW Section 25-155N-96W - Williams County
Permit #777
- 765. Caroline Hunt Trust Estate - Soder Investment Company #1
SW SW Section 31-142N-76W - Burleigh County
Permit #778
- 766. The Texas Company - G. L. Thompson #3
NW SE Section 7-153N-95W - McKenzie County
Permit #779
- 767. The Texas Company - Govt-Dorough "A" (NCT-2) #2
NW NW Section 3-153N-95W - McKenzie County
Permit #780
- 768. Calvert Exploration Company - No. 1 State #1
NE NE Section 8-150N-65W - Eddy County
Permit #781
- 769. Calvert Exploration Company - Fred & Signa Wright #1
NW NW Section 14-154N-78W - McHenry County
Permit #782
- 770. Amerada Petroleum Corporation - N. D. "C" #4
NE NE Section 36-157N-95W - Williams County
Permit #783
- 771. J. L. McLaughlin & M. D. Disney - Gusty Fossum #1
SW SW Section 20-161N-81W - Bottineau County
Permit #784
- 772. Caroline Hunt Trust Estate - Paul Ryberg #1
NW NW Section 23-140N-79W - Burleigh County
Permit #785
- 773. Cardinal Drilling Company - William Steen #2
NE NE Section 31-164N-78W - Bottineau County
Permit #786
- 774. Amerada Petroleum Corporation - N. D. "D" #2
SE SW Section 16-153-95W - McKenzie County
Permit #787
- 775. The Pure Oil Company - Eugene McGinnity #1
SE SW Section 30-159N-95W - Williams County
Permit #788

776. Amerada Petroleum Corporation - Steve Yttredahl "B" #1
NW SE Section 33-154N-95W - McKenzie County
Permit #789
777. Amerada Petroleum Corporation - Roy Syverson #2
SW SW Section 13-157N-95W - Williams County
Permit #793
778. Western Nodana Corp. & Paul F. Rutledge - Frank E. McCoy #1
NW NW (Lot 1) Section 30-159N-95W - Williams County
Permit #791
779. The Texas Company - Govt-Dorough "A" (NCT-3) #1
NW NW Section 8-153N-95W - McKenzie County
Permit #792
780. Earl F. Wakefield - Christenson #1
NW SW Section 3-157N-73W - Pierce County
Permit #793
781. Amerada Petroleum Corporation - N. D. C. "B" #7
SW NE Section 36-158N-95W - Williams County
Permit #794
782. Amerada Petroleum Corporation - Ernest H. Lee #2
SW NW Section 23-158N-94W - Mountrail County
Permit #795
783. Amerada Petroleum Corporation -Anna Carlson #1
SW NE Section 1-158N-95W - Williams County
Permit #796
784. Amerada Petroleum Corporation - N. D. "F" #2
NW SW Section 36-155N-96W - Williams County
Permit #797
785. Amerada Petroleum Corporation - Hattie Houthmaker #2
NW SE Section 35-155N-96W - Williams County
Permit #798
786. Amerada Petroleum Corporation - Helen C. Volkmann #2
SE SE Section 6-153N-95W - McKenzie County
Permit #799
787. Amerada Petroleum Corporation - H. J. Udland #1
SE SE Section 24-155N-96W - Williams County
Permit #800
788. Amerada Petroleum Corporation - Carl Frisinger #2
SW SW Section 28-156N-95W - Williams County
Permit #801

789. Amerada Petroleum Corporation - Math Iverson #5
SW NW Section 2-155N-96W - Williams County
Permit #802
790. Amerada Petroleum Corporation - N. D. "A" Unit #7
NE SW Section 16-156N-95W - Williams County
Permit #803
791. Amerada Petroleum Corporation - Henry K. Rud #2
NW NE Section 25-155N-96W - Williams County
Permit #804
792. Amerada Petroleum Corporation - Math Iverson "A" #1
NW NE Section 30-155N-95W - Williams County
Permit #805
793. Socony-Vacuum Oil Company - Solomon Bird Bear et al F22-22-1
SE NW Section 22-149N-91W - Dunn County
Permit #806
794. Amerada & Northern Pacific Railway - Herman May Unit #3
NW SE Section 9-139N-100W - Billings County
Permit #807
795. Amerada & Northern Pacific Railway - A. E. Matteson #2
NW NE Section 16-139N-100W - Billings County
Permit #808
796. The Carter Oil Company - Katie Torgerson #1
SW SE Section 29-159N-94W - Burke County
Permit #809
797. Cardinal Drilling Company - Winona National & Savings Bank #2
NE NE SE Section 34-164N-80W - Bottineau County
Permit #810
798. Hunt Oil Company - John Isaacson #2
NW SW Section 9-153N-95W - McKenzie County
Permit #811
799. Amerada Petroleum Corporation - M. P. Benson #1
SW NW Section 33-156N-95W - Williams County
Permit #812
800. Amerada Petroleum Corporation - Mildred L. Gauger #1
SW SE Section 14-158N-95W - Williams County
Permit #813
801. Amerada Petroleum Corporation - Alby Torgerson #1
SW NW Section 15-158N-94W - Mountrail County
Permit #814
802. Amerada Petroleum Corporation - C. C. Locken Tract 1 #1
NE SW Section 34-158N-94W - Mountrail County
Permit #815

NORTH DAKOTA GEOLOGICAL SURVEY CIRCULAR NO, 5
Fourth Revision
1955 Supplement
Introduction

This supplement includes completion information from well records received through March 7, 1955.

Wells are listed by the N. D. G. S. file number for each particular well. Name, location, official permit number, elevation, total depth, and completion date are given in that order. Initial production information is the last item shown for each producing well with the first number indicating barrels per day, the second gravity of the oil, the size of the choke third, and percent of water fourth.

Well data and tops of certain wells are available in other North Dakota Geological Survey Circulars. The wells which have been studied and for which circulars have been published are listed in this supplement beginning onpage 51.

125. Hunt Oil Company - Nellie McGinnity #1
 NW NE Section 6 - T. 158N. - R. 95W. - Williams County
 New Permit #581
 El.: 2374 K.B.
 T.D.: 8325
 Recompleted May 17, 1954
 I.P.: 67/36.0/0/52 Bbls.
213. Amerada Petroleum Corp., N. D. "C" B #2
 NE NE Section 36 - T. 158N. - R. 95W. - Williams County
 Permit #229
 Eli 2472 Gr.
 T.D.: 8347
 Comp.: June 6, 1954
 I.P.: 324/42.2/16/0
 64
226. Rutledge - C.W. Williams #1
 SW SW Section 12 - T. 158N. - R. 95W. - Williams County
 New Permit #559
 El.: 2365 K.B.
 T.D.: 8252
 Comp.: March 15, 1954
 I.P.: 200/42/ 1/4/0.7
288. National Associated Petroleum Company - Sarah Newhouse #1
 NE SE Section 3 - T. 162N. - R. -79W. - Bottineau County
 Permit #304
 El.: 1487 Gr.
 T.D.: 3594
 Comp. August 12, 1953
 I.P.: 22/no test/-/51
352. Amerada Petroleum Corp.,- Math Iverson #3
 NE NW Section 1 - T. 155N. - R. 96w. - Williams County
 Permit #368
 El: 2334 K.B.
 T.D.: 8494
 Comp.: February 15, 1954
 I.P.: 529/43.3/14/0
 64
355. Amerada Petroleum Corp.- Clifford Hanson #3
 SW NW Section 18 - T. 158N. - R. 94W. - Mountrail County
 Permit #371
 El: 2339 K.B.
 T.D.: 12,806
 Comp.: February 10, 1954
 I.P.: 550/41.3/18/5
 64
396. Amerada Petroleum Corporation - Jens Kvam #3
 SW NE Section 29 - T. 156N. - R. 95W. - Williams County
 Permit #412
 El.: 2444 K.B.
 T.D.: 8608
 Comp.: March 5, 1954
 I.P.: 556/43.0/15/0
 64

399. Amerada Petroleum Corporation - Clarence Iverson "A" #2
 NW NE Section 1 - T. 155N. - R. 96W. - Williams County
 Permit #415
 El: 2337 K.B.
 T.D.: 8492
 Comp.: April 24, 1954
 I.P.: 459/43.8/13/0
 64
405. Amerada Petroleum Corporation - Lars Kvam Tract 1 #3
 NE NE Section 19 - T. 156N. - R. 95W. - Williams County
 Permit #421
 El: 2389 K.B.
 T.D.: 8471
 Comp.: May 13, 1954
 I.P.: 541/43.3/16/0
 64
410. Gulf Oil Corporation - Dorough Federal #1
 NE SW Section 24 - T. 143N. - R. 103W. - Golden Valley County
 Permit #426
 El.: 2513 DF
 T.D.: 13,373
 Comp.: April 7, 1954
 Dry
413. Carter Oil Company - Edward Lockwood Jr. #1
 SE SW Section 5 - T. 147N. - R. 93W. - Dunn County
 Permit #429
 El.: 2144 DF
 T.D.: 11,105
 Comp.: May 7, 1954
 Temporarily abandoned
419. Amerada Petroleum Corporation - Ludvig O. Bakken #2
 SW SW Section 1 - T. 157N. - R. 95W. - Williams County
 Permit #435
 El.: 2442 K.B.
 T.D.: 8312
 Comp.: October 8, 1954
 I.P.: 75/42.2/-/29
421. Amerada Petroleum Corporation - N. D. "C" B #5
 SW SW Section 36 - T. 158N. - R. 95W. - Williams -County
 Permit #437
 El.: 2426 K.B.
 T.D.: 8306
 Comp.: September 5, 1954
 I.P.: 487/42.4/14/6
 64 10
423. Amerada Petroleum Corporation - Hjalmer Ives "A" #3
 SW NW Section 25 - T. 158N. - 95W. - Williams County
 Permit #439
 El: 2499 K.B.
 T.D.: 8401
 Comp.: March 3, 1954
 I.P.: 365/44.2/21/31.8
 64

424. Amerada Petroleum Corporation - Willard Burch #2
 SE NW Section 21 - T. 156N. - R. 95W. - Williams County
 Permit #440
 El.: 2373 K.B.
 T.D.: 8511
 Comp.: July 21, 1954
 I.P.: 440/42.8/15/2
 64 10
428. Amerada Petroleum Corporation - Tom L. Heen #2
 NW SW Section 22 - T. 156N. - R. 95W. - Williams County
 Permit #444
 El.: 2392 K.B.
 T.D.: 8566
 Comp.: February 18, 1954
 I.P.: 218/42.8/38/59.4
 64
429. Amerada Petroleum Corporation - Nels Odegaard "A" #3
 SW NE Section 21 - T. 156N. - R. 95W. - Williams County
 Permit #445
 El.: 2360 K.B.
 T.D.: 8506
 Comp.: June 15, 1954
 I.P.: 400/43/15/0
 64
430. Amerada Petroleum Corporation - Joseph Rice #3
 NE SW Section 17 - T. 158N. - R. 94W. - Mountrail County
 Permit #446
 El.: 2319 K.B.
 T.D.: 8209
 Comp.: November 12, 1953
 I.P.: 454/41.2/ 1/4"
442. Amerada Petroleum Corp. - Clarence Iverson "B" #2
 NE SW Section 31 - T. 156N. - R. 95W. - Williams County
 Permit #458
 El.: 2350 K.B.
 T.D.: 8600
 Comp.: July 4, 1954
 I.P.: 560/421/15/0
 64
443. Amerada Petroleum Corp. - N. Dak. "A" Unit #6
 SW NW Section 16 - T. 156N. - R. 95W. - Williams County
 Permit #459
 El.: 2363 K.B.
 T.D.: 8520
 Comp.: August 19, 1954
 I.P.: 409/42.3/18/10/0
 64

444. Amerada Petroleum Corporation - Nels Odegaard "A" #4
 NE SW Section 21 - T. 156N. - R. 95W. - Williams County
 Permit #460
 El.: 2391 K.B.
 T.D.: 8533
 Comp.: September 22, 1954
 I.P.: 144/43.0/14 0
 64
446. Amerada Petroleum Corp. - Don Pederson #1
 NE SE Section 14 - T. 157N. - R. 95W. - Williams County
 Permit #462
 El.: 2356 K.B.
 T.D.: 8262
 Comp.: May 2, 1954
 I.P.: 437/41.9/14/0
 64
447. Amerada Petroleum Corp. - North Dakota "C" B. #6
 SW NW Section 36 - T. 158N. - R. 95W. - Williams County
 Permit #463
 El.: 2457 K.B.
 T.D.: 8308
 Comp.: September 30, 1954
 I.P.: 473/43.4/16/3
 64 10
451. Leach & Kelsch - Paul F. Gehringer #1
 NE NE Section 21 - T. 161N. - R. 84W. - Renville County
 Permit #467
 El.: 1665 Gr.
 T.D.: 288
 Comp.: November 7, 1953
 Dry
461. Amerada Petroleum Corp. - Mat Blestrud Tract 2 #3
 NE NW Section 30 - T. 158N. - R. 94W. - Mountrail County
 Permit #477
 El.: 2354 K.B.
 T.D.: 8235
 Comp.: March 31, 1954
 I.P.: 504/42.0/16/1
 64 10
466. Amerada Petroleum Corp. - Ole K. Stenbak #2
 SW SE Section 25 - T. 158N. - R. 95W. - Williams County
 Permit #482
 El.: 2473 K.B.
 T.D. 8369
 Comp.: March 6, 1954
 I.P.: 420/43.4/14/1
 64 10

470. Blackwood & Nichols Company - Gilman & Lang #1
 NE SE Section 15 - T. 140N. - R. 105W. - Golden Valley County
 Permit #486
 El.: 2866 D.F.
 T.D.: 12,692
 Comp.: April 5, 1954
 Dry
471. Amerada Petroleum Corp. - A. H. Borstad #3
 SW SE Section 35 - T. 158N. - R. 95W. - Williams County
 Permit #487
 El.: 2479 K.B.
 T.D.: 8368
 Comp.: June 9, 1954
 I.P.: 449/42.7/16/0
 64
477. Hunt Oil Company - Ole Haugen et al #1
 NW SW Section 8 - T. 153N. - R. 95W. - McKenzie County
 Permit #493
 El.: 2389 K.B.
 T.D.: 8980
 Comp.: May 17, 1954
 I.P.: 229/40/16/0
 64
478. Hunt Oil Company - John Isaacson et al #1
 NW SE Section 8 - T. 153N. - R. 95W. - McKenzie County
 Permit #494
 El.: 2378 D.F.
 T.D.: 8950
 Comp.: July 8, 1954
 I.P.: 251/4.6/18/8.6
 64
479. Amerada Petroleum Corp. - Dena Svor Tract 2 #2
 SW SE Section 18 - T. 156N. - R. 95W. - Williams County
 Permit #495
 El.: 2363 K.B.
 T.D.: 8506
 Comp.: August 14, 1954
 I.P.: 316/43.1/14/1
 64 10
480. Amerada Petroleum Corp. - Jens H. Kvam #4
 NE SW Section 29 - T. 156N. - R. 95W. - Williams County
 Permit #496
 El.: 2409 K.B.
 T.D.: 8749
 Comp.: August 18, 1954
 I.P.: 457/43.2/14/0
 64

481. Amerada Petroleum Corp. - M. Tande #1
 NE NW Section 5 - T. 158N. - R. 94W. - Mountrail County
 Permit #497
 El.: 2386 K.B.
 T.D.: 8209
 Comp.: April 6, 1954
 I.P.: 353/42.3/16/5
 64
482. Amerada Petroleum Corp. - M. J. Hoiby #2
 SW SE Section 30 - T. 158N. - R. 94W. - Mountrail County
 Permit #498
 El.: 2366 K.B.
 T.D.: 8255
 Comp.: February 27, 1954
 I.P.: 569/43.6/15/0
 64
485. W. H. Hunt, Zach Brooks - State #1
 NW NW Section 16 - T. 129N. - R. 104W. - Bowman County
 Permit #501
 El.: 3212 K.B.
 T.D.: 10,013
 Comp.: April 2, 1954
 Dry
487. Amerada Petroleum Corp. - Gurena Synsteby #3
 SW SE Section 31 - T. 158N. - R. 94W. - Mountrail County
 Permit #503
 El.: 2396 K.B.
 T.D.: 8257
 Comp.: September 28, 1954
 I.P.: 412/44.2/13/6 %
 64 10
489. Amerada Petroleum Corporation - Sylvester C. Ramberg #2
 NW SW Section 5 - T. 155N. - R. 95W. - Williams County
 Permit #505
 El.: 2283 K.B.
 T.D.: 8423
 Comp. March 2, 1954
 I.P.: 551/42.8/14/0
 64
490. Amerada Petroleum Corp. - C. M. Moe #1
 NW NW Section 8 - T. 155N. - R. 95W. - Williams County
 Permit #506
 El.: 2328 K.B.
 T.D.: 8497
 Comp.: April 3, 1954
 I.P.: 514/43.0/15/0
 64

492. Amerada Petroleum Corp. - G. L. Thompson #1
 NW NE Section 17 - T. 153N. - R. 95W. - McKenzie County
 Permit #508
 El.: 2406 K.B.
 T.D.: 8915
 Comp.: April 10, 1954
 I.P.: Swab 29 bbls in 10 hours, 67% water
493. Amerada Petroleum Corporation - Esther Hanson #2
 NE SE Section 6 - T. 157N. - R. 94W. - Mountrail County
 Permit #509
 El.: 2372 K.B.
 T.D.: 8256
 Comp.: April 14, 1954
 I.P.: 338/43.3/16/3.4
 64
494. Amerada Petroleum Corp. - Mons Antonson #2
 NE SW Section 36 - T. 156N. - R. 96W. - Williams County
 Permit #510
 El.: 2329 K.B.
 T.D.: 8434
 Comp.: August 8, 1954
 I.P.: 372/43.1/15/23
 64
495. Amerada Petroleum Corp. - S. E. Spangrud #1
 NE SE Section 1 - T. 158N. - R. 95W. - Williams County
 Permit #511
 El.: 2357 K.B.
 T.D.: 8255
 Comp.: March 5, 1954
 I.P.: 188/43.6/48/40.9
 64
496. Amerada Petroleum Corp. - Arthur Iverson #2
 NE SW Section 1 - T. 155N. -R. 96W. - Williams County
 Permit #512
 El.: 2338 K.B.
 T.D.: 8509
 Comp.: March 23, 1954
 I.P.: 649/43.5/15/4
 64 10
497. Amerada Petroleum Corp. - Clarence Iverson "C" #2
 SW SE Section 36 - T. 156N. - R. 96W. - Williams County
 Permit #513
 El.: 2321 K.B.
 T.D.: 8432
 Comp.: October 15, 1954
 I.P.: 545/43.8/14/0
 64

498. Amerada Petroleum Corp. - Philip Eraas #3
 NE NW Section 31 - T. 158N.- R. 94W. - Mountrail County
 Permit #514
 El.: 2406 K.B.
 T.D.: 8281
 Comp.: July 4, 1954
 I.P.: 292/41.5/14/0
 64
499. Amerada Petroleum Corp. - Arnold Ives #3
 NE SE Section 35 - T. 158N. - R. 95W. - Williams County
 Permit #515
 El.: 2428 K.B.
 T.D.: 8281
 Comp.: July 23, 1954
 I.P.: 536/43.3/14/1
 64 10
500. Amerada Petroleum Corp. - Peter Kvam Unit #1
 SW NE Section 18 - T. 156N. - R. 95W. - Williams County
 Permit #516
 El.: 2347 K.B.
 T.D.: 8475
 Comp.: May 28, 1954
 I.P.: 401/43.1/16/0
 64
501. Amerada Petroleum Corp. - Peder E. Wolla #1
 SE SE Section 24 - T. 156N. - R. 96W. - Williams County
 Permit #517
 El.: 2383 K.B.
 T.D.: 8575
 Comp.: February 2, 1954
 Dry
502. Amerada Petroleum Corp. - Henry Rohde #2
 SW NE Section 7 - T. 157N. - R. 94W. - Mountrail County
 Permit #518
 El.: 2404 K.B.
 T.D.: 8289
 Comp.: June 10, 1954
 I.P.: 360/42.5/16/4
 64 10
505. Socony-Vacuum Oil Co. Inc. - Charles Dvorak #F 42-6-P
 SE NE Section 6 - T. 141N. - R. 94W. - Dunn County
 Permit #521
 El.: 2296 K.B.
 T.D.: 12,556
 Comp.: May 22, 1954
 Dry

509. Amerada Petroleum Corp. - Reinert Skaar #5
 SW SW Section 13 - T. 158N. - R. 95W. - Williams County
 Permit #524
 El.: 2380 K.B.
 T.D.: 8284
 Comp.: August 29, 1954
 I.P.: 341/42.2/14/8
 64 10
511. Socony-Vacuum Oil Company Inc., - Clarence & M. Jacobs #F14-24-P
 SW SW Section 24 - T. 134N. - R. 96W. - Hettinger County
 Permit #526
 El.: 2614 K.B.
 T.D.: 10,433
 Comp.: April 12, 1954
 Dry
513. Amerada Petroleum Corp. - R. G. McGuiness "A" #1
 NE NW Section 7 - T. 157N. - R. 94W. - Mountrail County
 Permit #528
 El.: 2362 K.B.
 T.D.: 8257
 Comp.: May 12, 1984
 I.P.: 276/40.2/16/5.8
 64
514. Amerada Petroleum Corp. - Peter Larson "A" Tract 2, #2
 SE NW Section 9 - T. 156N. - R. 95W. - Williams County
 Permit #529
 El.: 2302 K.B.
 T.D.: 8436
 Comp.: April 13, 1954
 I.P.: 119/42.7/16/1.9
 64
516. Western Natural Gas Co. - Truax-Traer Coal Co. #1
 NW SW Section 13 - T. 132N.- R. 102W. - Bowman County
 Permit #531
 El.: 3074 K.B.
 T.D.: 10,630
 Comp.: April 9, 1954
 Dry
517. Amerada Petroleum Corp. - Steve Yttredahl "A" #1
 NE SW Section 34 - T. 154N. - R. 95W. - McKenzie County
 Permit #532
 El.: 1880 K.B.
 T.D.: 8390
 Comp.: May 19, 1954
 I.P.: 459/41.5/16/1
 64 10
518. Amerada Petroleum Corp. & Northern Pacific Railway Co. Dan Cheadle Unit #1
 SE NW Section 9 - T. 139N. - R. 100W. - Billings County
 Permit #533
 El.: 2929 K.B.
 T.D.: 9495
 Comp.: March 13, 1954
 I.P.: 117/31.2/2 open line/2.4

521. The Texas Company - M. L. Slaatten #1
 NW NW Section 17 - T. 153N. - R. 95W. - McKenzie County
 Permit #534
 El.: 2370 K.B.
 T.D.: 8900
 Comp.: March 13, 1954
 I.P.: 287/42/12/1
 64 10
522. Amerada & Northern Pacific Railway Co. - Earl Joubert Tract 1 #1
 SE SE Section 4 - T. 139N. - R. 100W. - Billings County
 Permit #535
 El.: 2761 K.B.
 T.D.: 9422
 Comp.: May 16, 1954
 I.P.: 193/41.5/28/29
 64
523. M. B. Rudman - Raymond Jensen #1
 SW NW Section 20 - T. 158N. - R. 94W. - Mountrail County
 Permit #536
 El.: 2353 ½ K.B.
 T.D.: 8223
 Comp.: March 4, 1954
 I.P.: 192/42/ 1/4/0
524. Dakota Drilling Company - Ole Anderson #1
 SE NW Section 19 - T. 161N. - R. 81W. - Bottineau County
 Permit #537
 El.: 1513 GL
 T.D.: 4233
 Comp.: Aril 7, 1954
 Dry
525. Amerada Petroleum Corp. - Almer Iverson Tract 1 #2
 SW NE Section 12 - T. 155N. - R. 96W. - Williams County
 Permit #538
 El.: 2379 K.B.
 T.D.: 8579
 Comp.: April 10, 1954
 I.P.: 351/44.5/16/9
 64
526. Amerada Petroleum Corp. - Louis E. Iverson #2
 NW SE Section 12 - 155N. - R. 96W. - Williams County
 Permit #539
 El.: 2394 K.B.
 T.D.: 8529
 Comp.: March 8, 1954
 I.P.: 235/43.3/15/5.5
 64

527. The California Company - Rough Creek Unit #1
 NW NE Section 13 - 148N. - R. 98W. - McKenzie County
 Permit #540
 El.: 2470 D.F.
 T.D.: 12,050
 Comp.: September 4, 1954
 Dry
528. William Herbert Hunt - L.C. Anderson #1
 NW NE Section 25 - T. 157N. - R. 89W. - Mountrail County
 Permit #541
 El.: 2271 K.B.
 T.D.: 10,618
 Comp.: May 18, 1954
 Dry
529. Amerada Petroleum Corp. - Walter Kamp #1
 NW NE Section 35 - T. 155N. - R. 96W. - Williams County
 Permit #542
 El.: 2045 K.B.
 T.D.: 8284
 Comp.: April 10, 1954
 I.P.: 525/44.1/13/0
 64
530. Amerada Petroleum Corp. - Ole Granley #1
 SE SW Section 25 - 155N. - R. 96W. - Williams County
 Permit #543
 El.: 2356 K.B.
 T.D.: 8350
 Comp.: March 30, 1954
 I.P.: 505/43.8/15/1
 64 10
532. Amerada Petroleum Corp. - Hattie Houthmaker #1
 SE NE Section 35 - T. 155N. - R. 96W. - Williams County
 Permit #545
 El.: 2022 K.B.
 T.D.: 8324
 Comp.: May 11, 1954
 I.P.: 638/43.6/14/0
 64
533. Amerada Petroleum Corp. - McClintock Unit #2
 SW SW Section 12 - T. 155N. - R. 96W. - Williams County
 Permit #546
 El.: 2375 K.B.
 T.D.: 8534
 Comp.: March 21, 1954
 I.P.: 504/44.0/13/10
 64
534. Amerada Petroleum Corp. - Bergitte Lokken #1
 NE SW Section 2 - T. 157N. - R. 94W. - Mountrail County
 Permit #547 El.: 2399 K.B.
 T.D.: 8462
 Comp.: March 13, 1954
 I.P.: 274/38.8/48/32
 64

