

OIL TESTS IN SOUTH DAKOTA BEFORE APRIL 1, 1961 Allen F. Agnew Approximately 385 tests are known to have been drilled for oil or gas in South Dakota before April 1,1961. On that date, 19 wells were still producing oil in the Buffalo Field of Harding County, and 2 were awalting workover jobs which may permit them to resume oil and/ Elevations followed by a "±" are from topographic maps. Tops listed are those supplied by the operator or by other members of the State Geological Survey except those followed by an "A", which are the writer's tops. Units probably present in a test are marked with a "?"; units absent from tests but present in nearby ones are marked with a "-". Information on shows is from operators. WIDCO logs run by State Geological Survey. Elevation is ground level, except K= kellybushing. The writer wishes to thank Dr. J.P. Gries of the South Dakota School of Mines and Technology, and Mr. Glen Worden of the U.S. Geological Survey, for supplying much useful information. TABULATION OF DATA, ALPHABETICALLY BY COUNTY AND OPERATOR Morri- Piper Red Minne- Minne- Lodge- Devonian Silurian Red River Is. Shale cambrian Shales Cambrian Green- New- River Morri- Piper Red Minne- Minne- Charles Sand son Is. Beds kohta lusa Charles Remarks 1944-5 M & M #1 Hoefert NW NW 28-104N-63W 1375-25 1082 Cable tools. SDGS files BEADLE 1927 Wolsey #I Kuschow SW SE 2-111N-64W 1325-25 1198 500? 675? BENNETT SW SW 30-37N-36W 3074 3370 1855A 2382A 2715A 2940?A 3078A 1952 English #I Kocer 1952 Bon Oil #1|saac-Byrne SWSW 8-93N-59W 1372 876 50 480A 2 1952 Bon Oil #I Jelsma SE SE 10-93N-60W 1325 943 ? 688?A WIDCO BROWN 1952 Oil Hunters #1 Raetzman NE NE 33-125N-65W 1425±25 | 1522 | 260 | 660A | 970A 1008?A 1230?A WIDCO BRULE 1948 Kucero #1Biskeborn NW NW 14-103N-71W 1684K 1368 280 620 955A Show Gas, 1080. Show Oil, "Dakota". 1953 Amerada #1 State NW NW 4-14N-4E 3029K 7772 1948?A 2470A 3192A 3504 3720A 4078A 4280 4955A 5090 5600A 5828 6170 6502A 6608A 6750 7202A DST 4400-10, 5595-5650, 5866, 7025-38. Show Oil and Gas, 4500-70. SDGS files. 2 1951 Amerada #1 Williamson NW SW 29-8N-7E 2732K 2316 ? 3 1938 Amundson #I Kayras SE NE 30-10N-6E 292525 1100 1040? Show Gas, 1100. 4 1948 Bernard #1 Hafner SE NE 30-9N-7E 2779K 1155 1115?A Cable tools. 5 1939-40 Blakeman #1 Kayras SE NE 30-10N-6E 2925±25 2860 940 1740? 2542 6 1958 Caudill #1, 1A Cunningham SW NW 9-7N-IE 3423 785 542 696 Cable tools 7 1958 Clark#I Hartwell SW NE 30-8N-IE 3610 1211 108 979 1134 Show Gas, 1082. Show OII, 1140-4. 8 1954 Harmon #1 Fishel NE SW 19-8N-IE 3390 1585? 170 985 1155 9 | 1953 | Harmon #1 Geis NE SW 20-8N-IE 3380±10 1321? 185 1064 1228 0 | 1951-2 | Harmon#1 Olson SE NE 27-9N-3E 3000 4016? 650 950 1450? 1455? 2150 2310 3635 3925 2890 | 3575 | Wild water well, flow from 2310, 2345, 3240. 1 1953 Harmon Assoc.#1 Strat. NW 5-8N-IE 3240-3300 1305 SDGS files. 12 1957 Jack-O-Lee #1 Fishel SWSW 19-8N-IE 3462 1142 Cored 1096-1142, Oil sat. 1110-5. 13 1959 Johnson #1 Fishel SE SW 19-8N-IE 3396K 1214 974 1140 Cored 1196-1206 14 1949 Seyler #1 Anderson NW SE 12-8N-5E 2901K 5759 403? 1110 1890 2140 2450 3060 3510 3725 4220 4835 4925 5290 X Show Gas & OII, Sundance. SE 29-9N-3E 3000±10 788 NE SW 23-10N-1E 3292K 4535 15 | 1948? | Seyler #1 Olson 420 680 16 1956 Shell #23-23 Johnson ? | 1152 | 1249 1750A 2638 2820 3268 3636 4008 4342 DST 2650-90, 2866-82. Bleed Oil, 2658. 33 SW 28-8N-6E 2770±10 2215 Stearns #1 2170 18 1957 Superior#1-33 Indian Creek NE SW 33-13N-2E 3239K 6561 - 2995 3190?A 3538 3705A 4483 4620 5080 5285 5681 5965 6178 6388 Cable tools, 0-1740. 21 1933 Voorhees-Tri-State#1 Jermiason SE SE 35-9N-3E 2990±10 478? 22 1932-3 Wy-Tex #1A Hamilton SE NE 32-8N-1E 3510±10 1211 Cable tools. SDSM files. 108 979 1134 Cable tools. Show Gas, 1255. Show Oil, 1527. Last CHARLES MIX 1959-60 Charles Mix Dev. #1 Mach SE NE 22-94N-64W 1466 1001 150A 575A ? 660A 2 1928-35 Palensky #1, 1A WIDCO WIDCO NE SW 15-95N-64W 172525 2835 380 ? 865 910?A | 1936-40 | Palensky #1 B (600 ft. SE of IA) SE SW | 15-95N-64W | 1728 | 5185? | ? "Show Oil", 2150-76. SDGS files. "Show Gas", 1500, 3925. "Show Oil", 1300-1400, 2752, 1956-7 Match #1 Drake NE SW 10-119N-51W 1899 1275 604A 790A 940A 1025A X Poor | GS | X Poor Cable tools, 0-1040. 1957 Shell #22-12 Evridge SENW 12-18N-19E | 2230K | 6468 | 1932 | 2502A | - | 3270 | 3340 | 3610A | 3695A | 3785A | 3925A | 4650A | 4695 | 5070A | 5555A | 5928? | 6188A NWNW 23-19N-18E 2384K 5775 2242A 2775A - 3547 3658A 3947A 4050? 4140 4300 5035A 5240A 5494 2 1957 Shell #11-23 Govt NWSW II-22N-19E 2491K 8445 2385A 3028A 35509A 3788 3917 4195A 42459 4520 4580 5270 5592A 5750A 6446A 6758 7178A 7755A 8433 3 1952 Shell #1 Winter Cored 5143-68, 5609-59, 5840-90, 6420-70. DST 3160-85, 3793-3825, 5116-43, 5175-96, 5413-72, 5578-5610, 5606-59, 5758-5820, 7182-7305, 7980-4 1954 Youngblood #I Draskovich SE SE 20-23N-22E 2380K 7465 2300? 2735A 3255A 3505A 3650 3945A 4090? 4170 4305?A 4872?A 5120 5273?A 5970 6253A 663 5 1953 Youngblood #I Macheel SWSW 8-2IN-19E 2371K 5820 2292A 2888 3435 3663A 3755 4049A 4196 4370A 4435A 5166A 5412 5555A GS X DST 5118-45. 6 1953 Youngblood #1 Winter SW SW 23-22N-19E 2401K 5822 2310 2930A 3475?A 3705A 3830A 4292?A ? 4375 4442A 5200A 5455A 5602A DST 5410-30. DST 5295-5329, 5455-79. 1932 Barker Structure #1 Adams NE SW 34-65-2E 4209 1617 110 650 725 50 560 760 2 1956 Black Hills Drig#IGovt-RothleutnerSWNW 9-65-2E 4073K 1650 Cable tools. Gas @ 1070-5; 1390. 3 1957 Black Hills Drig#I Rothleutner NE NE 8-65-2E 4091K 1225 4 1929-30 Black Hills Petroleum #1 Barker NE NW 34-65-2E 4123 1510 Lost circ @ 1211-25. Lost hole. 35 618 740 Cable tools. Shows Oil & Gas, 985-90. Oil sd, 1327-40. 4 5 | 1930-31 | Black Hills Petroleum # | Rockford NE NE | 33-65-2E | 4140 | 1390? Oil sat. 1494-1500. SW SE 19-65-1E 3690±10 405 6 1931 | Carter #1 Coble tools . Oil @ 1328. 7 1932? Carter #2 SWSE 19-65-1E 3690±10 420 USGS files. 8 1956 Continental #1 Harrison SWSE 24-35-8E 3208K 1544 USGS files. 662A 1257A 1507 9 1956 Continental #1 Larson NW SE 33-25-8E 3252K 953 Cored 1100-1225, 1240-93. 685A 941 10 1946 Dyer#1 Govt-Christiana NE SW 30-5S-2E 4332 851 1 1930 Fairburn #1 X Cable tools. Lost hole from water @ 845. SE 19-45-8E 3280120 740? 1956 Gt. Western-Eyres #1 Coffing SWSW 27-65-2E 4123 1478? Water @ 740[±] w. flow Oil. SDSM files. DST, 1357-68. 13 1957 Gary #1 Bohling NE SE 2-35-10E | 2864K | 2500 | 833 | 1559 | 2162 | 2430 | 4 1957 Gary #10'Neill Cored 1975-2000, 2075-2105, 2450-2500. SWNW 23-35-11E | 2804K 2565 | 872 1656 | 2194 | 2510 15 1957 Gary#1 Wilsey NWSW 30-35-10E 3017K 2530 935 1619 2189 2471 16 1957 Gary #1 Young SE NW 21-45-4E8 3465K 1605 17 1933-34 Gokel#I Govt-Halterman SWNW 1-6S-1E 4040±10 1047 NE SW 7-6S-2E 4040 1200 X Cable tools. Gas @ 805-7, 908-12. 18 1958 Harris#l Rothleutner 407A 547 695 795 19 1955 Helms#I Coffing NE NW 34-6S-2E 4222 1392 SM X Cable tools. Oil @ 1391-1 /2. 20 1955 Helms #1 Robinson NW SE 34-65-2E 4189 1650 21 1956 Helms-Thompson #1 Coffing SWNW 34-65-2E 4222 1405 22 1953 Kucera #1Coffing NE NW 34-6S-2E 4125 1506 Cable tools, 1352-T.D. 587A 710A 23 1953 Kucera #2, 2A Coffing GS X Cable tools, Oil @ 1377, 1456-66. NE NW 34-65-2E 4101 1940 556A 675A 24 1954 Kucera #3 Coffing NE NW 34-65-2E 4153 1517 Cored 1429-69. Oil show @ 680±. 75 614 730 GS X Cable tools. Gas @ 961,1400-5. Oil show, 1333-47, 25 1957 Milburn #1 Robinson NE SW 34-6S-2E 4199 745 1397, 1507. 145 698A 26 1958 Milburn #2 Robinson NE SW 34-65-2E 4199 1455 Cable tools. 145 698A 803A X Cable tools. Oil shows @ 1005-15, 1040-55, 1070-5, * 1923-24 Mutual Oil#I Martin(See Na.29) NW NE 15-65-6E 3508 1020 1360-70. 27 1948 Palensky #1 Smith SDGS files. SE SE 25-4S-7E 3408K 1120 28 1948-49 Palensky #2 Smith SE SE 25-4S-7E 3408K 2824 1695 2137 2428 Cored 2428-31. Show Oil @ 1376, 1485, 2830-65. 29 1949 Polensky #1 Streeter * NW NE 15-65-6E 3508 939 30 1957 Phillips #I Govt-Williams SE NW 26-35-IOE 3025K 2686 1044A 1742A 2294A 2590A Cable tools. Oil show @ 494, 500-504. Cored 2165-2245, 2310-71, 2611-86. 31 1955 Pure#I Ashmore NE NE 5-65-8E 3142 1890 470A 1180A 1772A 32 1955 Pure #1 Bergmeyer SW NE 26-35-9E 3033 2148 787A 1477A 2057A 33 1955 Pure #1 Carey NWNW 35-45-8E 3234 1821 385A 1105A 1703A X Gas show, 1014-1114. 34 1955 Pure #1 Govt A SW SW 14-45-10E 2896 2437 977A 1685A 2205A 35 1955 Pure #1 Govt B NW SE 20-55-9E 2976 2138 902 1625A 2131? Cored 2045-73, 2131-8. Lost hole. NW SW 33-25-10E 2919 2124 720 1418A 2026A 36 1955 Pure #1 Keliher 37 1955 Pure #1Stabelfeldt SE NE 26-25-8E 3408 1425 695A 1367A SE NW 34-65-2E 4217 1443 Cored 1845-95, 2034-77. 38 1956 Shallow Rock #1 Coffing Gas @ 1365. 135 | 696 | 846 39 1955 Shell #1 Engelbrecht SW SW 24-65-8E 3036K 2882 965 1675 2264A 2570 2824A 40 1955 Shell #1 Evans Cored 2037-2283. DST 2565-2605. NE NE 35-25-9E 3091K 2602 719 1400 2005 2294A NW SE 5-45-4E 2864K 2890 883A 1649A 2174A 2542A 41 1955 Shell #1 Flier 42 1958-60 Sparks #1 Cornelison Cored 2072-2282. DST 2074-2103, 2241-54, 2740-57, 41 SW SW 26-55-1E 4060 942? 43 1948 Voice #1 Coffing NWNW 34-65-2E 4150±10 420 Oil show 715-45, 826-37. 44 1960 Wagner #1 Gov1 SW SE 26-5S-IE 4019 891 Lost hole in Spearfish. 45 1958 Wagner #1 Kline SE NE 33-6S-2E 4203 1454 649 760 Gas @ 1347-9. Cored 1347-1406, 1430-54. 46 1958 Wirkkala #1 Johnson NW NW 35-65-2E 4090 1450 47 1958 Wirkkala #I Robinson NW SW 34-65-2E 4205 1454 Cable tools. Cable tools. 1953 Oil Ventures #I Naessig -NE SE 32-121N-55W 1838 1602 805A 1094A 1955 | Herndon #1 Merkel SE SE 27-17N-27E 1909K 4324 1085A 1680A 2178 2446 2485A 2710 2825A 3248A 3315A 3498 3910 4140A 4220 2 1955 Herndon #1,1A O'Leary SE SW 13-15N-23E 2236K 5147 1600 2152A 2678A 2905A 2952A 3185A SW NW 34-13N-24E 2368K 4897 1370A 2130 2615 2870 2905A 3300A 3950A 3990A 4195A 4750?A 4890A 5030A 3 1955 Herndon #1 State DST 5050-55. 3190 3824 3862A 4060A 4470 4690A 4795A 4 1953 Kerr-McGee #IGovt-Cool NW SW 32-13N-22E 2358K 5993 1565?A 2208 2705A 2961A 2975A 3218A 3380 3475 4058 4105?A 4295A 4775 4950A 5030 5575 Cored 5080-92, DST 4310-75, 5035-80, 5150-5230. 5 1938 Penn. Drig. Co. #1 -14N-22E ? 1534 6 1953 Youngblood #1 Galvin SE SE 25-16N-22E 2288K 6325 1452?A 2274A 2768A 3022A 3070A 3350A 4130A 4165A 4415A 4980?A 5120?A 5305 5862A 6289 DST 4391-4568. DOUGLAS 1953 Douglas #1Clark SW NW 5-98N-64W 1600±10 1315 | 220 | 640 | 746A 958?A 1166?A 1194?A 1234?A 1306 WIDCO Cored 975-80, 1312-14. FALL RIVER 1950 Amerada #1 Manders center 30-10S-8E 338IK 1829 502A 1045 1707 1945 Amerada #IMoody SW NE 8-125-6E 3652K 4980 1065A 1698A 2275A 2560A 3080A 3475A 3670A 3770A 3 1946 Amerodo #1 State College SW SW 27-85-7E 3366 4548 645A 1338A 1902A 2150 2505A DST 4520-25. Lost hole. 3195 3500 3600A NW NW 29-95-7E 3314K 1596 270A 940A 1523A Cored 4087-4548. Lost hole. 1951 Amerada #1 Strat 5 1950 Amerada #43 Strat SE NW 34-105-8E 3293K 1665 432A 1055A 1620A 6 1951 Amerodo #45 Strat NI/2SI/2 11-10S-6E 3480K 1869 553A 1215A 1775 NE NE 28-105-7E 3509K 1827 433A 1120A 1655A 1935 1950 Amerada #81 Strat 8 1951 Amerada #85 Strat center 13-10S-6E 3383K 2114 555A 1217A 1830A 2097A Cored 1656-61. DST 1656-61. Gas show, 1640-60. NE SW 25-10S-8E 3332 4143 422A 1060A 1610A 1925A 2180A 9 1946 Amerado #I Voorhees 2782A 3065A 3180 O 1916 Ardmore Oil Co. #1 NWSW 9-12S-4E 3351 1735? 505 Cable tools. USGS files. 1957 B & W #1 Gull SW NE 26-85-3E 3830±20 2100 Cable tools, 1600-T.D. Gas, 2038-44. 1944 | Bell #1 Bell NW SE 8-85-3E 3561 2214 Cable tools. Oil show, 1900-35. 13 1924-25 Big Three #1 Govt NW NW 19-75-1E 3570±20 910 322 595 805 1 1954 Burrows #1 Govt NE SW 1-10S-2E 3759 1314 335 962 1195 Gas show, 140-147; Gas & Oil show, 962-1000 1942 | Continental #1 State SE NW 36-8S-3E 4035 2330? 250A 700 1120 1330 16 1959 Dakamont #1 Burg NE NE 24-85-6E 3280 1729 620 1195 Abandoned 150 ft. above Newcastle. Denver Syndicate #1 5-95-7E Cable tools? No other information. 18 1929-30 Dillon #1 Huff NW 24-105-1E 3750-50 1568? 19 1957 Gary #1 Kimblom SWNE 2-125-8E 3613K 3105 1705 2339 2880 Cable tools, SDGS files. 20 1957 Gary #1 Lounsberry SW NE 28-115-6E 3753K 2803 1222 1864 2476 2752 1957 Gary #1 Pettegrew SW SE 30-115-7E 3560K 3161 1627 2261 2821 3110 NE NE 21-85-8E 3242K 2566 1035 1694 2271 2526 22 1957 Gary #1Rasmussen 23 1958 Gary #1 State SE SE 25-10S-5E 3772K 4782? 828 1505 2118 2397 3373 3626 3777 SE NW 3-105-9E 3071K 2180 596 1264 1802 2106 24 1957 Gary #1 White 5 1942 Gilbreath #1 Christensen SENE 5-115-4E 3500±50 255 Abandoned in Bell Fourche-Mowry, SDSM files. 26 1917-18 Hat Creek Oil Co. #1 4-115-4E 3500100 650? 27 1945-46 Hollingworth #1 Childers SE NW 23-85-2E 3570±10 2537 1220A 1585A 1700A Oil show, 1190, 2140-60, 2360-85, 2425-73, 2480-7. 28 1924-25 Hollingworth #I Cleveland Stone NE SW 17-85-3E 3600 10 2230? 961A 1439A 1625 Cable tools. Oil show, 2179. Gas show, 2000. 29 1958 Island View #1 Martinson NW NW 24-85-2E 3608K 2540 240 650 1215 | 1614 | 1690 Cored 2220-70, 2320-57, 2465-2503. 0 1941 Kiowa #1 Christensen NW SW 4-115-4E 3500±50 340? Probably only a confirmation hole. 31 1927-29 Kunde #1 Shiloh NE NE | 1-115-3E | 3525 | 1562 425 1050 1292 32 1929-33 Lakota Dev. #1 Kunde-Shilah SE 20-105-4E 3600*50 3250 416 780 1026 1425 | 1690 | 1800 3238? 3240? X 1951 | Lakota Petrol. Corp. #1Houghton SWNE 34-95-5E | 3625 | 2528 X Coble tools. 75 | 131 | 610? 1362A 1705A 1950A Oil show, 2290-95, 2305-25. 34 pre 1946 Norbeck-Nicholson #1 center 35-10S-1E 3850250 3907 1750± USGS files. .35 1929-30 Northwest Explor. #1Cork SE NW 5-95-3E 3600250 600? Cable tools. SDGS files. SE NE 25-95-7E 3413 4617 812 1470A 2036 2300 2775 1958 Ohio #1 Hedrick 3246 3574 3644 DST 4027-42, 4022-26. Oil show, 3990-4000. Lost 36 circ. 4068-TD. Lost hole. 7 | 1931-32 | Osage Trust #I Moody NE SW | 6-12S-6E | 3700±50 | 3029? | ? | 1630 | 2213 | 2608 | Cable tools. Oil show, 2608-13, 2759-70, 2803-19, 2822-2840, 3300. 1930 Pocific Amer.-R.C. Synd. #1, 2 Cty Club 21-75-5E 4150100 1212 Cable tools. SDGS files. 9 1949 Pacific West, #I Govt-Christiana NW SW 10-115-1E 4100±50 4080 615A 1228A 1450A 1600A DST 3540-62, 3594-3657. Cored 1217-25, 1430-34, 39 2690-2700. 40 1957 Phillips #I Govt A SE NW 20-75-9E 3227 2655 1090A 1754A 2280A 2568 Cored 2150-91, 2250-2368, 2580-2655. SW SW 5-115-2E 4089K 1935 270A 1005A 1627 1856 1 1957 Phillips #IGovt B Cored 1600-90, 1825-1935. 42 1957 Phillips #1 Modsen NE NW 21-115-4E 3483 1140 167A 665 1051 Cored 658-779, 955-1029, 1065-1140. 13 1947 Provo Oil #I Soske NE SW 2-10S-2E 3647 3072 220 ? 1087 2047 2372 2600 Oil show, 3040-60. 44 1955 Pure #18arta NW SW 4-85-9E 3250 2370 1047? 1710 2284A 45 1957 Pure #1Govt C SE SE 3-75-9E 3150 2357 1060A 1690A 2232 A Gas show, 2233. 46 1956 Pure #1 Govt D NW SE 3-115-2E 3901 1630 125A 905 1535A 47 1956 Pure #1 Govt E NE NE 10-125-4E | 3659 | 1747 | 397 | 1070 | 1643A 8 1956 Pure #I Landers SE NW 24-10S-4E 3483 1162 SW NW 23-9S-6E 3306 1220 49 1956 Pure #1Peters 50 1956 Pure #1 Pettegrew SE SE 2-115-7E 3486 1943 1704A Bottomed in Carlile shale. 51 1955-56 Pure #1 State SE NW 36-95-7E 3373 2360 10824 1737A 2247A 52 1956 Pure #I Whetstone NE NE 6-105-7E 3395 1927 525A 1230A 1805A 53 1957 Raymond #1 Goodnick NW SW 23-11S-9E 3332K 1740 436 1074 1651 54 1957 Raymond #IGovt-Mitchell SW SW 28-115-1E 4009K 1510 Bottomed 185 ft. below top Skull Cr. 55 1955 Shell #1Sides SE NW 32-85-9E | 3241K | 2735 | 972A 1640A 2175A 2464A Cored 2040-99. DST 2553-80. 56 1955 Shell #1Thompson SW NE 2-85-8E 3142K 2720 980A 1640A 2184A 2440A 2708A Cored 2035-2392 57 1916-17 Shilon Oil & Ref. #1 Shilon NE SE 29-105-4E 3537 2200 Cable tools. SDSM files. 58 1921-22 Thompson #1 NE NW 24-95-3E 3400±50 1500 SDSM files. 59 1918-19 Thompson #1Hill NE 25-95-3E 3550 50 1050 ± 60 1956 Trusteed-Whitcher#IRosenquist NW SE 33-9S-5E 3558 723 X Cable tools. 61 1953 Voss-Mars #1Porter NWSE 20-95-2E 3623K 2865 1640 1980 2150 X GS X DST 2772-89. 62 1954-55 Weir #1 State SE SE 27-9S-5E 3493 2400? 96 308 750 1390 1682 1758A Oil show 2050-65, 2080-90 63 1926 Western S. Dok. Oil & Gos#I SE SE 19-95-8E 3400±50 70 Probably only a confirmation hole. Cable tools? Pierre shale only. 64 1945-46 Woodward #1 Eckard SWNE? 21-115-4E 3493 835 Coble tools, 795-T.D. Lost hole-cosing collapse. 65 1946 Woodward #2 Eckard SE SW 21-115-4E 3491 895 66 1946 Woodward # IHill 295 877 Gas, 912-15 67 1946 Woodward #1McDonald NWNE 8-125-4E 3529 1203 Cable tools, 1130-T.D. 68 1943-44 Woodward #1 Schmidt SW SW 4-125-4E 3550 1315 495 1050 1307 Gas, 260-70, 495-535, 970-75, 1005, 1051-55, 1076-85, 68 69 1944-45 Woodword #2 Schmidt SW NW 4-12S-4E 3536 1315 435A 995A 1255 Gas, 190, 245, 1020-30. 1946 Woodward #3 Schmid1 NW NW 9-125-4E 3550 1145 1946 Woodward #4 Schmidt NE NW 4-12S-4E 3525 3175 440 1010 1270 1690A 2190 2395 2490 DST, 1720-1805. Oil saturation 1745-80. 1947 Woodword #5 Schmidt SE NW 4-12S-4E 3568 1860 470 1060? 1315 1680? Coble tools, 1832-T.D. Oil show, 1060-75, 1320-40. Gas, 72 1065-1110 1946 | Woodward #1Turnbull NE SE | 8-125-4E | 3545 | 1263 Cable tools, 1140-T.D. 74 1946 Woodward-Morton #IGovt-Macon NE SW 4-10S-4E 3484 3005 185 433A 660A 75 1917-18 Wykota Oil & Ref. #1 21-115-4E 3490±10 300? Probably only a confirmation hole. SDGS files. 6 1951 York-Newell #1 Landers SWSE? 3-105-5E 3640 800 678 785 Sent of Section land HAAKON 1925 Bierwagen-Norbeck-Pohle #1 NE SW 11-6N-21E 1960±20 518 Abandoned in Greenhorn 2 | 1926-31 | Bierwagen-Norbeck-Pohle #2 SW NE | 11-6N-21E | 1960±20 | 1700 Abandoned in Newcastle 3 | 1931-34 | Bierwagen-Norbeck-Pohle #3 NE NW | 11-6N-21E | 2079 | 2080 | Gas show, 2070-80. 1952 | Carter #I Danielson SE NW 5-3N-22E 2466K 4500 1477A 1983A ? 2750A 3150A 3875?A 3915A 4045A 4170A 4363A X Cored 3228-3337, 3970-4006, 4486-4500. DS 1953 | Kerr-McGee #1 Chute 1598-1634, 3986-4038. SW SW 33-3N-19E 2634K 5486 1640A 2153A 3469A 4245A 4292A 4458A 4827?A 4893A 5160A 5418 X DST 4394-4404, 4832-82 SW SW 16-7N-22E 1820±20 300 Shallow gas test, not completed. 1922 Mc Donald #1 Bottomed in Pierre? 1954 Pohle #1 May NE SE 21-4N-18E 2568K 5556 1634A 2240 2690% 2990A 3165A 3432%A ? 3515A 3606A 4290% 4365% 4554A 4923A 4990 | 5388 | 5550 X DST 4039-69. Oil show, 4400, 5330-40, 5355-70. 7 NWSE 16-4N-18E 3523 4743 1595A 2172A 2509A 2640A 3010A ? 3300 3379A 3575±A 4030 4220 4330A 1951 Pohle #1State Lost hole-drill pipe collapse @ 4193. 1956 | Pohle-Pistulka - Ballard #1 Govt SW NE | 21-7 N-22E | 1850 | 1910 | 1000 | 1921 So. Dak. Co. #1 NE NE 20-7N-22E 1850 Gas. 640-50. 1 1921-22 So. Dak. Co. #2 NE SE 21-7N-22E 1881 1922 So. Dok. Co. #3 SW SW 27-7N-22E 2182 1280 Shallow gas tests. 1922 So. Dak. Co. #4 SWSW? 23-7N-22E 1855 1922 So. Dok. Co. #5 SE SW 22-7N-22E 2009 HARDING 1954 Amerada #1 Gov1-Davis SE \$E 19-16N-2E 3382K 3865 2637 3343A 3674 3848 Cored 3337-3449. 1956 | Amerada # | Govt-Ellis | SE SE | 24-17N-1E | 3947K | 8360 | 3496A 4047A 4380 4575A 5190 5335A 5763 5905 6325A 6665A 7035A 7442A 7540A 758 DST 7944-56. 1955 Amerada #1Gov1 NE NE | 31-16N-2E | 3324K | 3640 2465A 3253 3591 Cored 3272-3341, DST?-3341. 1956 | Amerada #1Govt-Holland SWSW 8-15N-2E | 3227K | 3450

1954 Amerado #1 State A

1959 | Cordinal #1 Travers

8 1959 | Carter #1 Argo-State

NE NE I-16N-IE 3537K 3994 ? 2870A 3651A 3961

1960 | Cardinal-Sun-Clarkson#IState SW NW | 6-21N-4E | 3118K | 8667 | 30082 | 3521A | - | 4508 | 4702A | 5404 | 5670A | 6018 | 6175 | 6630 | 6955A | 7485A | 8018A | 8195 | 8622

9 1952-53 | Carter #1, IA Hendriks SWNW 2-20N-3E | 3249K | 9052 | 2818A | 3357A | 4035A | 4334A | 4618 | 5304 | 5450A | 5860A | 5980A | 6555A | 6852A | 7285A | 7790A | 8000 | 8358 | 8873A

SE SE 17-22N-5E 3093K 9005 3098 3705 - 4702 4982A 5615 5875 6115 6230 6868 7100A 7638A 8225 8412?A 8885

SWNW 14-21N-3E 3157K 8550 2905A 3446 4145A 4409 4642A 5385A 5610 5971 6085 6581 6900A 7456 7947 8096 8497

Lost hole @ 3450, twisted off. Cored 3073-96,

Cored 8929-65, DST 8924-65; 8967-9005.

1- Cored 1694-97, 3080-85, 3474-79, 6250-6308, 6425-7084, 7097-7270, 8250-8393. DST 2950-3085, 3443-79, 5283-5343, 6240-54, 6733-88, 6969-7026, 8364-93, Lost hole @ 8393; csg collapse. IA- Cored 8356-8507, 8509-8618, 8936-9052, DST

3098-3124 DST 3068-3124 Cored 3664-3712. DST 3694-3749.

DST 8659-67.

8361-99, 8411-57, 8457-8565.

Cored 8499-8550.

F				T		1		\	Dotote	X	1	71.3	A	X	X		4:1	J - 6	Fores		. x								
No		Carter #1 Travers	SW SE	Location	¥E 3095	Dept	10 2838	3A 337	3 4050?	Sand	son 0 4565	A 5251	Red Beds	6 5912	H A	RDIN	G	(CON	1s. T I N U	ED)	r Is. Shal	peg Pre-	Samples on SM=Mines	E-log	eutron I	.09	mpony Geo	ologic og Survey Mines	Log
12	1958 1959 1928	B Clarkson-Schlaikjer# B Clarkson-Schlaikjer#1 Gas Develop.#1Govt-L	FIGovt SENW IGrovesSWNE eliveIt SWSE	23-2IN-3 23-2IN-3 7-22N-3	SE 3190	K 8514 50 1210	4 2903	5 3425 3A 345	5A 4095 5 4102	4390 A 4410	4595 A 4618	A 5320	3 5563 0 5605	5952 A 5976	6092	6632A A 6555A	6940A 6946A	7402 7410A	7888 7905A	8023 84 8040A 84	44		x x		4500- 5900 X	x	x x		Cored 8355-8405. Cored 8420-63, 8468-8511, 8539-70, 8597-8645 DST 8460-8511. Cored 8474-8510. DST 8474-8510. X Bottomed in Pierre, 350 ft above "Judith River."
14 15 16	1953 1955 1931-3	Hunt #1Peterson Hunt #1State C Kennedy-Miller#1, 2 Mid-Amer. Minerals#16	NW NW SW NE NW NW	7-20N-3 23-18N- 34-20N-	E 3117k IE 3176 IE 3097	K 790 K 220	2925 21053	A 2624	IA 3347	3712	3910	4548	3A 4684	5123	5245	5690	6064	6470	6870A	995A 72	18 775	0	X X	x x	x			SS	 X Cored 8420-33. DST 7051-7160, 7188-7300. X Cored 7830-50. X Bottomed 250 ft below top Eagle sd (400 ft below top Niobrara). Gas @ 600, 985.
19 20 21	1958 1959 1959	MId-Amer, Minerals#16 Mid-Amer, Minerals#1-1 Mid-Amer, Minerals#2-1 Mid-Amer, Minerals#3-1 Mid-Amer, Minerals#3-1 Milter#1	17 State NESE 16State SWNM 16State SWSE	17-21N-4 16-21N-4 16-21N-4	E 3074 E 3081 E 3083	K 858 K 859	7 2913 9 ? 5 ?	A 3440	A 4121 A	4425	4655	A 5344	5505	A 5980	6132	6436A 6543 A 6556 A 6550	6942A 6865	7405 7406	7916 8	995A 838 8080 85 8118 85 8094 85	20		X X X	10	X 000-TD	X	x x x	10	DST 7157-7203, 8418-45, 8414-34, DST 8545-80, 8608-30, 8604-52, DST 8553-89.
22	1957 1944	Mobil#F-21-9-G Will No. Ordnance #1Govt	lett SENW SESE	3-18N-1E 9-22N-1E 32-15N-2	3059 E 3328	K 8810 K 703	0 2885	SA ?	3033	?	3505	,	4025	4617	4765	5335	5864	6100A	6400A 6	462A 663	2A 693		X 6200-TD	x	x Sc	nic		x x	US Bottomed 150 below top Eagle sd (300 ft belo top Niobrara). Gas show 1380-95. X Core 8447-8641. DST 8564-8641. DST 5595-5695, 5866, 7025-38. Oil 8 Gas show
25	1956	No. Ordnance #1 State Ohio #1 Evenson Richfield #1 State A	NWNW	1-17N-1E 28-21N-1E 16-17N-41	3175	K 889	4 2842	2A 3342	40204	4380	4634	5206	5372	5889	5988	6421	6866A	7284	7700 7	188A 738 943 824	0 870	9 8836	57/2	x	1000		x		4500-70. Cored 7919-80. DST 7960-71, 7972-8000. X Cored 7991-8024, 8250-8379. DST 8269-81, 828305.
27 28 29	1960 1959 1957	Schlaikjer-Clarkson #1Cla She11#12-3B Brown She11#32-27 Govt	orkson SW SE SW NW SW NE	23-2IN-3I 3-20N-5I 27-20N-5	E 3220 E 3084 E 2996	K 8525 K 864 K 8575	5 3042 4 3045 5 2855	2A 3466 5A 3627 5A 3388	4135A 4282 4042	4438 4628 4420	A 4645? A 4790 A 4612	A 5336	A 56184	5970	6155	6565A	6830A	7453A	7890A 8	050A 845	5A		X X X	X	X X 579	2-TD	X G	SS	Cored 3659-3776, 6350-6686, 7475-7765, 8120 DST 3725-3909. Cored 8490-8524. DST 8486-8526, 8494-850 DST 8615-44.
30	1957 1959	Shell #32-17 Graves Shell #32-17R Graves Shell #14-28 Haivala	SW NE SW NE	17-2IN-4 17-2IN-4 28-2IN-4	E 3135K	8630	4 ? 6 ? 3 ?	3472	4161	4428	3 3	5381	5608/	5993 ? 6055	6137A ?	6597 6608	6994?A 6924 7464	7455 7470 7980A	7968 8 7964 8	130 856 069 858	9 9		X X 4000-TD	X	×		X X		X Cored 8312-TD. DST 8315-65, 8354-8461, 8458- Cored 8610-8773. DST 8607-69, 8669-8720, 872
32 33 34 35	1960 1957 1959	Shell #34-2A Haivala Shell #14-4 Johnson Shell #12-17 B Johns Shell #34-29 Johnso	SW SE SW SW on SW NW	2-20N-48 4-21N-8E 17-20N-5 29-21N-4	E 3025K 2804K E 2987K	K 8926 K 8473	9 2852 6 2974 3 ?	3395/ A 3584/ ?	4045A 	4407A 4413A ?	4515A 4655A ?	52254	A 54754	58384	59824	6455A 6545A ?	6733A 6850 6744	7273A	7766A 7	972A 837 393 866	7A 4 9		7750-TD X X IOOO-TD	х 6	X X		x x x		X DST 8684-8716, 8768-8817. DST 8448-73. Oil show 8450-73.
	1959 1959 1959-6	Shell #32-31 Niemi Shell #32-11A Seppa O Shell #12-20 State	SW NE	31-20N-5 11-20N-4 20-21N-41	E 3065K	8386	2904	A 3432	7	7	7	7	2	9	2	6456A	6719 6673	7262A	7766A 7	966 833	55		X		x		x x		
39 40 41	1959	O Shell #12-28 State Shell #12-35F State Shell #14-4 State	SW NW SW SW	28-21N-4 35-22N-4 4-21N-4E	E 3213 K E 3199 K	8710 8910 8730	0 3055	A 3590 A 3724	4286	4645A 4695	49054	5520 5593	57204	6202	6200 6360 <i>i</i>	6690 6792A	7000 7110 A	7536 7650A	8035 8196 8	217 964	8		X X 2200-TD		X X 633		×		DST 8687-8710. Oil show 6980-90, 7820-30, 8700- DST 8887-8910.
42 43 44 45	1960 1959	Shell #14-9 State Shell #14-15 State Shell #14-16 State Shell #14-17 State	SW SW SW SW	9-21N-4E 15-21N-4E 16-21N-4E 17-21N-4E	3070 K 3061 K 3084 K	K 8604 K 8586	4 ? 9 2945/ 8 ?	?	?	3	?	? 52954	? A 5595A	940	? 6045A	6562 6555A	6882 6868A 6873	7423 7420A 7412	? 8	70?A 854 70?A 854 098 852 ? 854	6 5 2		X X X		X X 528	о-то	×		DST 8570-92. Cored 8585-8604
46 47 48	1959	Shell #32-8 State Shell #32-9 State Shell #32-16 State	SWNE	8-21N-4E 9-2IN-4E 16-2IN-4	2993K	K 8533	?	? A 34354 A 34454	? 4135?A	? 4475A	? 46354	? 53504	? 5600?/	? 5910A	? 6025A	?	6819	?	? ? ?905A 80	? 849	4		6800-TD		X .				DST 8570-95.
49	1960 1953	Shell #32-17D State Shell #34-9 State	SW NE	17-21N-5E 9-21N-4E	3114K	8724	3045	A 3618	_	4574	47654	5444	56604	5990	6122 4	6654	9503	74954	20054 8	966			x x	1	X 640	о-то	9		Cored 8510-8646, 8651-68, 8689-8719. DST 55 86, 6110-6204, 6890-6929, 8622-46, 8647-68, 8691-8719. DST 8694-8724.
52	1959	(also called 34-9) Shell #41-23 State Shell #12-11 Tilus	NE NE SW NW	23-18N-88	E 3040K	8861	2955	A 3475	40654	4347	46004	5156	5298	56104	56904	6710	6635	70254	75.45 7				x x	x	×		G:		Cored 7060-7104, 8430-8505. DST 4473-87, 6: 6602, 6863-82, 6981-96, 7060-7114, 8589-860: 8663-79, 8715-45. DST 8157-8214, 8240-8340. DST 8359-80.
54	1955	Shell #32-32 Travers Shell-Carter #1Clarkson- Signal#1 State	Hanson NENE	32-2IN-4	3221K	9050	27874	335A	3993A	4286	4542	5291A	? 5468A	5857	? 5925?A	6505	? 6840A	? 7276A 7	? 740?A 79	? 34A 828	8811		x x	x	Son	ic :	G:		
57	1954	Signal-Gulf #1 Olson Stanotind #1 Clark O State Royalty #1Stat	SW NE	23-20N-76	2814K	8473	27754	3328 431864	3876	42404	44054	5064	5235A	5534	5674	6210A	6515A	7020 7	578A 78	40 825	4	A	4100-TD X X	x x	X 6250		X G:	s	6987-7054, 8464-79, 8528-50. Cored 8351-88. DST 8269-8310. Cored 3355-3450, 3724-3804, 3850-60, 3875-8
																			-,										3895-3900, 3920-30, 3945-50, 3965-70, 4147-9 4190-95, 4490-4510, 4910-14, 5425-35, 5550 TD. Show oil, 5845, 5937-53, 6108-16, 6475- 6525, 6635-50, 6710, 6750, 7010, 7265-80, 73
		Sun-Gregg #1Govt White-Mont. Dak. Utilit		21-22N-5E				4035	-	4992	5182A	?	6060A	6420	6570?A	7154	460A	7987A	8477 87	16A 9182	A		x	X a	x >	×		x	7820-60. DST 6752-78. Cored 7403-7553, 7600-25, 9172-9260, 9262- DST 7380-7430, 7430-98, 9200-18, 9220-60, 9261-9308, 9308-18, 9345-61.
1	1939	White-Mont. Dak. Utilit Kerlyn#1, IA Dry Run Ohio#1 Reinschmidt	NE NE	7-22N-3E 7-110N-78W 27-112N-76W	1453	1396	375?A	815?A	1070A		10-						нибн	CONTRACTOR OF	750		+					+		x	Bottomed in Pierre, 550 ft above "Judith River." Cored 1540-48. Gas @ 1540.
	1900±	Ohio#1Reinschmidt Pierre City#1 Pierre City#2 Pierre City#4	SWNW	27-112 N-76V 4-110N-79W 4-110N-79W 4-110N-79W	1436	2565 1350± 1350	490	950	1330A 1130A		1635			1770?A		1940?A	997 2	2112A 2	234?A	2315	A 2455	2560	×	x	x	,	GS	×	Cored 1887-1924, 1997-2002, 2009-25, 2127-53. Gas @ 1320-26.
6	1931	Pierre City#3 Pierre Indian School#; State Capitol #1,2	2 Govt NW	4-110N-79W 11-110N-79W 4-110N-79W	1440±10				1156A																				Gos @ 1093-1220. USGS files. Gos @ 1288-90
1	940-42	Palensky #1 Wagner	SE SE	17-99N-6IV	v 1475±25	5 925			490?A							HU		INSON				678?	XPoor						
2		Hornet #I Aesoph Hunt#I, 2 State Hunt-Lakota #I State	SW SWNE SWNW	2-116N-71W 24-116N-73W 31-116N-73W	1960 1889K 1872K	2186 1949 2618 2705	840? 662A 695A	1180? 1123A 1155A	1300? 1470A 1500A		1772A 1818A				1970?A 2176A		H Y D 2152 2180A	-			A 2434	2555 2700	x x x	x x		×	GS GS GS		Cored 1570-88, 1930-45, 2180-81. Cored 2573-78. DST 2544-84, 2275-2593. Cored 2310-30, 2554-64. DST 2339-2420, 2572-26
2 1	949-51	Compbell #1 Dale Dolezal #1 Dolezal Sorelle -Sorelle #1Sto	SWSE	I-IS-22E I9-IS-25E	2150±50	0 433?			Wassin I			ASOO!E	2831			3773?A 3		3843A					x	x		×			DST 3350-72, 3910-30. Cable tools. Bottomed in Pierre. SDGS files.
	928-35	Sorelle-Sarelle #15ta Weaver #1 Granger Shell #1 Herman	NW NW	16-IS-22E 32-3S-22E 15-IN-29E	2139 2084K	3640	? 862A	1800A	1950?A	3000 A	3300A —	3100?A			3193?A 2355A		JONE			4385	45884	2535		×	<u> </u>	1000		X	Cored 2566-81 DST 2339-85
2 3	1954 1954	Shell #2 Herman Shell #1 Olson	NW NE	15-IN-29E 3-IN-29E 8-2N-26E	2116K	3221	945A	1492A	1828A		Ξ				2422A	2823?A 2968?A 3	2857 2	2893A 3025A		3042 3470?	3205A		X X	1,000	×	x	GS GS	X	
	927-28	Kingsbury #1 Dykstra Hoos #1		35-112N-57W		556	655	990		1080							WRE		-	-	-		x	-		-	GS		Rettomed in Mowey? Oil show 524-54
3 4	923-24 1924 1926	Preston #1 Thompson Preston #2 Thompson Harry Walthers #1 Weller #1 Weisman	SW NE NW SW NE SE	21-6N-4E 22-6N-4E 18-7N-4E 30-7N-4E	3600 3560±20 3350±50	957 0 1020 0 500				? 247A	405		820	351 351 1400	511 531 1576		927 997 2130 2	2380		2700	2855		x	x		x	GS	x	Bottomed in Mowry? Oil show 524-54. Cable tools, Gas show, 898-903. Oil show, 907-22 Cable tools, Oil show 982-97. USGS files. Cored 1445-56, 1585-1605. DST 1400-56.
1 11	939-41	Lanien-Thorsdale #1 Ovr Omanson #1 Peterson	re NENE		1410±10	679+		? 323A		? 420			APT N				INCO			_,00				IDCO		×		x	
+	1956	General Crude #IStrake Red Butte #IBurkhardt	o NWNW	22-105N-72W 6-104N-74W	1731K			736A									LYMA	1 N				1444	x w	X X		x		x	75, 55, 55, 55, 555-710.
1 2	1922?	Arp #IGingras Bear Butte #IMilin *	SWSW	19-3N-7E 18-6N-6E	3500 [±] 20 3170 [±] 30	1250 830±	(See	#14-18	1)				536	1037 180±	1193 370±		MEAL	DE					x			x		x	Cable tools.
5	1956 1956	Continental #1 Harringto Continental #1 Jeffrey	SE NW on NW SE SW NE	31-4N-8E 27-4N-8E 33-5N-7E	3062K 3034K 2980K	1505 2027 1245	?	447 987A 147	1730 935A	1470 2010 1215													X	x x x		x x			Cored 1200-36. Cored 1735-60.
7 8 9	1956 955-56 1955	Continental #1 Jordan Continental #1 Ketelsen Continental #1 May Continental #1 Thomps	NE NE SW NE on NE SW	5-4N-7E 29-5N-7E 34-5N-7E 23-5N-7E	2958K 2923K 2843K	1465 1565 1776	?	342 454 704	1251 1472 A	835 1440 1547 1744													x	X X X		X X X			Cored 1079-1186?, 1147-1203? Cored 1230-82. Cored 1456-1506.
11	1927 1955 1955	Cosden #1 Zeal Herndon #1 Oakland Herndon #1 Price	SE NW NE SE SE SE	16-9N-17E 20-10N-17E 15-9N-13E	2178 2367K 2728	2970 5642 6250	1700 2040?	2047A 2255 2532A	2544A 2763 3115	2820A 3060 3390	3572A	3942?A		4120A	4205?A	5036 50	094A 5	5367 57	85A 591	2A 5410A	1 1		x	x x		x x		x x x	Cored 1456-1506. Coble tools.
13	1955 1949 149-50	Herndon #1Shinost Kucera #1 Gingras Kucera #2 Gingras	SE SE	9-3N-7E 9-3N-7E	2932K 3550±20 3520±20	1369	2080% Loc	2594A	3150	3435	3705A	4045?A	306 309 365	765 798	910 946	5096 5	159A 5	5348A 58	10A 591	5992A	2035		X 316	X X X -1166 3-1508			GS GS	×	Oil sd @ 1090. DST 1060. Lost 1001s & hole. Gos @ 1497, 2051-60. Cored 1640-42, 1932-40.
18 19	1950 952-53	Kucera #3 Gingras Kucera #4 Gingras Kucera #1 Gingras Bros Lion #1 Govt-Libertin	SWNE I	9-3N-7E 9-3N-7E 9-3N-7E	3530±20 3570±20 3530±20	1235 400? 1280	gue	etioned.	See #	1.05	' - 1		? 400	912	1005		*-	1933	, -				X X				GS GS		Coble tools Bottomed in Spearfish? Cable tools, Lost hole, csg collapse. Show gas & oil, 1180.
20	1950 1950	Lion #I Govt-Libertin Morton #I Bertelson Morton #I Brehm Morton #I Carlson	NWNW S	4-2N-10E	3185K 2918K	2408 2475	560A 695A	1400A 1535A	207QA 2168A	2348A 2445A	er67A		3150?A	5352	5498	4	272						x x	x x		x	GS GS	X X	Cored 1583-93, 2194-2222. DST 1576-93. Show gas, 4030-38. Cored 2086-2102. DST 2091-2102.
23 24	1950 1950	Morton #1 Carlson Morton #1 Olson Morton #1 Snyder Phillips #1 Ferguson A	NE NE	20-5N-8E 35-3N-9E 20-5N-9E 34-7N-13E	2939K 2775K	4201 2420	508A 885?	1356A 1405	2001A 2083	2285A 2345			3143				9104 5	500-0	70	k i k justice	er tring into		X X 155	X X 0-TD		1 5294	GS GS		Lost tools and hale @ 4201. DST, Newcastle.
26 27 28	1956 1957 1956	Phillips #I Ferguson A Phillips #IGovt-Harrings Phillips #IGovt-Norris Phillips #IHarrington Phillips #2 Harrington	NW SE I	9-4N-9E 3-6N-14E 4-3N-8E	3170 2608K 2933	2600 3237 1945	722 1800?A ?	1515 2285A 868	2222A 2838 1590A	2509 3132 1846	1650	-026!A	J083	J987	-1 107	1045 4	JUA 50	5090?A 55	JUA	5667	6163		X X	X X X	1 123	X X X		x	Cored 4803-14. DST 4797-4814, 6266-88. Oil show,479 Cored 2089-2335, 2517-TD. Cored 2060-2234, 2818-3009, 3138-3232. Cored 1481-87, 1507-98, 1810-67, 1928-45.
30 31	956 957	Phillips #2 Harrington Phillips #1 Reinhold Phillips #1Richordson Pure #1 Harrington	NE NE I	24-3N-8E 1-4N-8E 3-8N-17E 28-4N-9E	2838 2511K	2214	350A 1518 A	1149A 2298	1865A	2133													x x	x x		x			Cored 1577-1710, 1939-2032, DST 1670-1704. Cored 1665-1807, 1998-2214. Cored 2800-2976.
33 34 35	955 955 956	Pure #I Henriks Pure #IMc Farland Pure #I Wolken	NW NE I NE NE S SE NW	9-4N-8E 3-3N-8E 7-2N-10E	3060 2986 3142 K	1406 1404 2340	787A	613 627 1624															X X X	X X X		X X X	GS GS	x	Bottomed 50 ft in Skull Creek.
*	# ₂ 1904	This may not be an oil Bear Butte #IEklund	test, but of SE SE 8	nly a water -6N-5E	well, 1 3225	he oil 755	test m	nay be t	the foll	owing:	685						Min	P								cod.			SDGS files.
+		Rocky Ridge #1 Hale Atlantic #1 Knoll-State		5-108N-57W 6-2N-16E						900A 3218	320-		3705	20-	300		NING	940				1320±		осо			GS		0
2 19	25-26 1957	Conata #1 Gary #1Boydston Gary #1Herrington	SW NW I	1-45-16E D-IN-IIE 5-25-9E	2451 2912K	2467	1158?A	1640A I	1900A	1940A 2766			3728A	3808	3954	4692# 4	752						x	X		x	x	×	Cored 4341-4441, 4880-TD. Bleeding oil @ 4373-76, 4430-31. Lost circ & hole. Gos & oil @ 2050-90. Gos, 2350.
5 6 7	957 1931 1941	Gory #1 Hopkins Gypsy #1 Hunter Johnson-Andrews #1 Mis	NE SW 2	5-IS-IIE 18-3N-I6E 9-IS-8E	2869K 2957 3310±20	5001 850?	924 2073A	2560	2371 3024A	3320A	?	3565?A	3836A	3950A	4080A	4785A 4	830A						x x	i		x x	X X	X X	Cored 1712-37, 1860-72, 2121-26. DST @ 3041, 3325, 3461. Coble tools Gos @ 3507 SDSM tugs
9 19	952 53-54 21-22	Marigold #1 Dunn Mc Carty-Coleman #1 Shu Mc Neil #1 Schneider	SE NW 2	22-IN-9E 3-IS-I4E 5-3S-I3E	3052 2713K 2800±10	4183 5248 800	1445		2521	2960	2615 3170		3050A 3582				120?	513	35	5167?		P	Poor X			x		Poor X	Coble tools, Gos @ 360? SDSM files, Cored 5162-72, USGS files, Bottomed in Pierre?
12	956 56-57	Phillips #1 Dunn Phillips #2 Dunn Phillips #3 Dunn	SE SE E	50-2N-9E 5-IN-9E 54-IN-9E	3284 2945	2404 2229	595A 460A	1385A 1215	2036A	232IA													x x			X			Cored 1520-34, 1640-61, 1657-1725, 1735-1862, 2080- TD. DST— . Cored 2050-2115, 2325-2404.
14 15 16	955 955 955	Pure #1 Higgins Pure #1 Ness Pure #1 Shepherd	NWSE I	5-15-10E 7-1N-10E 23-15-9E	2822 3296 3061	2183 2387 2067	680A 925	1453A 1710A 1368A	2070A														X X X			X X X	GS GS GS		Cored 1785-1921, 2121-2229.
18 19 20	955 955 956	Scenic Oil & Dev. Co. #1 Shell #1 Stromer Shell #1 Wisehort Superior #1-23 Kopp	NESW S NWSE S	22-IN-I2E 32-IN-I0E 23-2N-9E	2781 2957 3001	2995 2808 1917	790A	1830 1575A 1334A	2165A	2475A	2762A												X X X			X X			Bottomed in Pierre. Gas show, 447. Bottomed 70 ft above Newcastle. Cared 1859-TD
22	950 #17	True#IGovt-Knox Wanenmacher#IBoetker This may or may not be	SENE !	29-5N-17E 4-2N-8E as	2350K 3205K	2100	455A	2026A		KEN-CHANCE IN	2990 3	3382?A			3540A	4225A 42	72A 44	465a 48	05 4860	4890A	5360A	s	X X			x	x	x x	Bottomed 70 ft above Newcastle, Cored 1859-TD.
1 1	953	Henry Schneider#1 Evans# Querbes Trust-Co	opp NW NW	5-3S-I3E	2570K	7318 2	2045A	2645 3	5183A 3	3482A	3586A	3950A		4092	4210A	4965 50	E R K I N 062?A 52	27874585	5?A 6025	A 6270	6790A	7307	x ,				GS	y	SDGS files.
3 1	960	Hunt #1Govt Lemmon Oil Basin#1Mitche Mule Creek #41-33 Stati Shell #22-7 Bastian	NW SE 3	3-22N-11E 33-23N-15E 33-13N-10E	2690K 2550±50 2808K	9433 3 1765? 6908 2	3015A	3584A	272	3665	4650?A	5220A	5380A	5585A	5670?A	6450 67	750A 70	038A 775	55A 8150?	A 8662A	9208A		x 3		Sonic	x	GS X	x	DST 8765-8880. Cable tools, "Oil show" @ 1600. Bottomed above Judith River. Cored 6590-6623, 6798-TD. DST 4653-4730.
6 1	957	Shell#22-7 Bastian Shell#IHomme Shell#IVeal	SE NW T	7-15N-16E 3-20N-12E 7-17N-15E	2470K 2768K	9345 2	2755A	2713 3445A	3263 4015A	3504 4320A	3664 4380?A	3918 4895A	4006	4183 5255A	4316 5385A	4975 50 6065A 63	087 54 380A 66	494 603 630A 730	OA 6280	? 6518 A 8045A		345	x 3	×	Sing		GS GS	×	DST 5124-5250, 5278-5325, 6576-6617. (6460-83) DST 3425-57, 4276-4305, 4940-65, 6260-90,6652-6820, 7596-7660, 7666-7894, 8069-8134, 8141-94. Cored 5181-6089, 6543-6897, 7115-7283, DST 3854-
8 19	53-54 Y	roungblood-Young.#IAnders	sen NE NE 2	6-2IN-14E	2658K	8567 2	2738?A 3	3334A	_	4132A	4325A 4	1680?A	4940A	5020A	5120?A	5835A 615	50% 63	390% 706	550 7410	7838	8385A		x >	×			GS		Cored 5181-6089, 6543-6897, 7115-7283. DST 3854-85, 5368-5418, 5479-5655, 5752-98, 5949-73, 6569-6633, 6703-13, 6851-95, 7131-66, 7207-33, 7901-77. DST 6227-50.
1 1 2 1	954 (Youngblood-Young# Wneine California# Hinckley Carter# Whitlock-Smith	NW NW 7	-120N-75W 4-118N-78W	2025K 1867K		G1-2151-11	1396A I		1810A	3370	7270	4330	2224?A	4360 2235?A	5325 56 470?A 258	90TTE 87?A 27	875 C42 R 735?A 294	5A 6765	7110A 3027A	7665		x 5500	-10		x	GS	X	Cored 2610-2860. DST 2630-60, 2722-60, 2758-60.
3 4 19	953 I	Dakota-Tex,#1Williams-Thom	opsonNWSE 2 SE 18	4-118N-78W 7-119N-78W 3-118N-76W -118N-78W	1899 K 207 I	3715 2260	789A I	1250 1 1331A 1 500?A 1 1098 1	655A I 760?A 2	713A 2100?A 495	1938A		2272?		2175A 2158?A 2	26 2550?A 27	505A 27 707A 28	750A 847A 302	20 -		3460A 3 3583A 3		X X			x	GS	X C	Cored2600-25, 3100-30. Oil show, 2130-2260. Jetted well. Gas @ 1404, 1545-50.
2 1	952 E 921 G	Amerada#IGovt-Red Eagl English-Martin#IEucks Billespie#ILoafer Camp	NE SW 2	5-36N-48W 0-36N-41W 5-35-45W	3504 3400±50	3367 3985 1160	1000	405A 1450 2		331	1688		2104				85?A	N			3	358	x x				x	x i	DST 3291-3367. Lost tools & hole.
4 1	917 M	Aidwest Refining#ISIim Bu Benedum #IShaffner	NWNW 2	4-36N-48W 3	2139K	3901		? 542A I	853A	385	720A		2165A		25384	S 7 055% 30	TANLE 088A 315			3676A	38454		x x	×			GC.		SDGS files. Cable tools. Pierre shale? Show gas, 875-90.
2 1 3 1 4 1	940 C 944 P 945 P	arter#ILoucks Phillips#ILong Phillips#IState-Dakota Phillips#IState-Stanley	SE SE 1: NE SE 2 NW NW, 10	2-9N-27E 6-5N-28E 5-6N-27E 6-5N-27E	1788K 1990K 2186K	3890 2435 4206	530A I 692A I 980A I	220A II 270A II	556A 616A 910A		908	1.00	2125?A	2	240A 2235	27	750A 288			3676A 3450A 3809A	3775A 3	8880 2382	x x x x				GS GS X	x	Cored 3155-3208. DST 3178-3208.
6 15	954 S 954 S 955 S	hamrock #1Barrick hamrock #2Barrick hell #1Abbot	SE SE 2 SW SW 2 NE NE 9	9-8N-27E 3-7N-26E -4N-27E	1827K 1945K 2033K	3924 4070 2740	676A 11850A 118	289A 10 409A 11 375A 10	606A 729A 2	055A			230?A 2330?A	2	2329A 2 2435A 3 292?A	000?A 30	90A 296 78A 3115	962A 3303 5?A 346	7A	3483A 3668A	378IA 39	915A	x x x x x x x x				GS GS	x o	OST 2565-2767. Dil show, 2240-50.
	and the same of th	hell #1 Mc Crone . Dak. Develop. & Refin#1Stan	NW NW 2 d. ButteSENE	3-3N-25E 9-7N-27E	2035K 1958	4010 3508	932A 14	492 A 18	735? 2	- All		2	2412?		2555	930? 30			?Α	3716A 3460 [±]			X X			x x	GS GS	x c	OST 2637-2740. Cored 2572-3271, 3420-3590, 3610-54. DST 766-870, 2700-20. Dil show, 2560, 3355. Lost hole.
9 192	1-26 S	eneral Crude #IAssman eneral Crude #IRural Cre	SW NW 5- NE SE 25	96N-75W	2365K 2289K 2180K	2893 II 2750 II 2886 I	052 I	436 II	745 1 634 1	? 2	929 2012A	1 2	2198A 2 2110A 2 955A 2038A 2	2487A 2	2585A 125?A					2770 2800 2564 2650	2690 2	868 725	X X X X X X X X X X X X X X X X X X X			X X X	X X	X X X	as show 930
9 19 10 192 1 19 2 19 3 19 4 19	1-26 S 956 G 956 G 956 G	Seneral Crude #1Shippy Seneral Crude #1Vogt	SW SE 23	-99N-55W	1876K	2388	610A	013A 12	245A I	520?			675A		2045A	TL	URNEI	R	-	2650 2164A	2312 23		x x			X	X	s	as show, 930 fluck tools @ 2363.
9 19 10 192 1 19 2 19 3 19 4 19 5 19	1-26 S 956 G 956 G 956 G 956 K	ieneral Crude #IShippy ieneral Crude #IVogt (ucero #IBartels ieszen #IAlbrecht		-96N-52W	250±10	2515			2	240						U	INION		A 42674	518A			x	-		x	GS	S	oble tools. Oil show, 474-80. SDGS files. DGS files.
9 19 10 192 1 192 2 193 4 193 1 193 1 193 1 193	1-26 S 156 G 156 G 156 G 156 G 156 G 156 K	ieneral Crude #1Shippy ieneral Crude #1Vogt (ucera #1Bartels ieszen #1Albrecht ieszen Well ioux Valley Oil & Ref.#1LaF1	leur SE SW 18			846		72 140	1	70 67 275										435?A 500?A 593?A	505A 8	840 885 855	X X X WIDO	100		X X X	x x	Oi Oi C	able tools. il show, 815. il show, 455-61. fored 601-602, 655-57. il stain, 577-85. Lost tools 8 hole.
9 192 1939	1-26 S 156 G 156 G	ieneral Crude #IShippy ieneral Crude #IVogt (ucero #IBartels ieszen #IAIbrecht ieszen Well	NW NE 29 NW SW 22 SE NE 31	-90N-48W -92N-49W -93N-50W -94N-50W 0-92N-49W	1207	587 657 698								-		WAL	LWOR	TH	-			-1-		. 1	T.	. e	10	101	il stain, 577-85. Lost tools & hole.
9 19 19 19 19 19 19 19	1-26 S 156 G 156 G 156 G 156 G 156 G 156 K 157 W 142 Si 157 W 157 W 157 W	ieneral Crude #IShippy ieneral Crude #IVogt (ucera #IBartels ieszen #IAlbrecht ieszen Well ioux Valley Oil & Ref.#ILaFI Vagner #IBlanchard Vagner #ILorson Vagner #IO'Connor	NW NE 29 NW SW 22 SE NE 31 SW SW 30	-92N-49W -93N-50W -94N-50W	1207 1249 1135	657 698	921A 1	497 I8 322 I6	30A 19	910 21	104A 936					520A 274 515 267	7A 2910	IOA 33A 3087		3252A 3		100000000000000000000000000000000000000	x x			x x	-	X C	ored 2640-97, 3772-3817, 3833-76.
9 19 19 19 19 19 19 19	1-26 S 156 G	ieneral Crude #IShippy ieneral Crude #IVogt (ucero #IBartels ieszen #IAIbrecht ieszen Well ioux Valley Oil & Ref.#ILaFI Vagner #IBanchard vagner #ILarson Vagner #IO'Connor Vagner #IPetersen	NW NE SE SW 18 NW NW NE 29 NW SW 22 SE NE 31 SW SW 30 NE SE 36 NW NW 14	-92 N-49W -93N-50W -94 N-50W)-92 N-49W -123N-76W -121N-77W	1207 1249 1135 2064K 3	657 698	921A 1 795A 1	497 18 322 16 620A 226	54A I	712 19	104A 936					515 267	7A 2910	33A 3087			3615 37	100000000000000000000000000000000000000	x x			23	GS GS	x C	ored 2533-51, 2988-3023,
9 19 19 19 19 19 19 19	1-26 S 156 G 156 G 156 G 156 G 156 G 156 G 157 W	ieneral Crude #IShippy ieneral Crude #IVogt (ucero #IBartels ieszen #IAIbrecht ieszen Well ioux Valley Oil & Ref.#ILa FI //ogner #I Blanchard //ogner #I Larson //ogner #IO' Connor //ogner #IPetersen ieppers #IState //oray #IKranzler ii Ventures #I Schuldt ittershaus #I Jamesville Col merado #IBriscoe Tract merado #I Govt-Cheyenne	NW NE 29 NW SW 22 SE NE 31 SW SW 30 NE SE 36 NW NW, 14 SE SW 4- IonyNWSW 25 SW NE 33 Agency SESW	-92 N - 49W -93N - 50W -94N - 50W -92 N - 49W -121N - 77W -121N - 77W -93N - 57W -96N - 56W -16N - 18E 20-14N - 18E	1207 1249 1135 2064K 1881K 3 1569 1160	657 698 3914 95808 7 940 221 5158 17 6610 16	921A 11795A 11795A 11795A 11795A 250	322 16 620A 226 552A - 430A 29	77 44 - 33 93A 32	712 19 730 146 7 320 33 2224 36	936 117? 392A 36	3	504A 3	858 4 608A	309 2: IIOA 40	515 267 Y A	7A 2910 8A 283 1 N K T O	33A 3087	,		3615 37	780	x x		Eastern Autor Co.	23	GS	X Co	ored 2533-51, 2988-3023. ored 640-48. Lost hole, caved @ 500. ored 757-1152.
9 19 19 19 19 19 19 19	1-26 S 156 G 156 G 156 G 156 G 156 G 156 G 157 W 157 W 157 W 157 W 158 W 157 W 158 W	ieneral Crude #IShippy ieneral Crude #IVogt (ucera #IBartels ieszen #IAlbrecht ieszen Well ioux Valley Oil & Ref.#ILaFI Vagner #I Blanchard Vagner #I Larson Vagner #I Petersen ieppers #IState iray #IKranzler ii Ventures #I Schuldt iittershaus #IJamesville Coi merada #IBriscoe Tract merada #IGovt-Cheyenne osden #I Tanburg ayton #IOlsen Rural Credi erndon #IButler	NE SE 36 NW NW 14 SE SW 4- lony NW SW 25 SE W 4- SE SW 5- SE SW 5	-92 N - 49W -93 N - 50W -94 N - 50W)-92 N - 49W -121N - 77W -121N - 77W -121N - 77W -16N - 18E 20 - 14N - 18E 20 - 14N - 18E -12N - 20E -12N - 19E	1207 1249 1135 2064K 3 1881K 3 1569 1160 1 2378K 5 2370K 3 2494K 5 2444K	657 698 3914 940 221 940 221 5158 17 660 16 660 16 660 17	250 £ 250 £	322 16 620A 226 552A - 430A 29 177 27 330 28: 332A 28:	7 4 4 3:93A 3240A 2926A 3035A 31	730 146 7 3320 3320 3222A 3696A 3112A 32	936 17? 392A 36 257A 045A 185A 215A	3: 3: 3: 3:	504A 3 286?A 3 332 A 3 390?A 3	858 4 608A 389?A 3 487A 3	309 2 110A 40 455?A 568A 42 667A 43	78A 435	E B A C I 52A 4533 95A 4675	33A 3087 0 N H 32A 5068 75A 5208	A 5194A A 5340A	3202A	3615 37	780 3 38 3 X X	x x x x x x x x x x x		Sonic	x x x x	GS GS GS	X Co	ored 2533-51, 2988-3023. ored 640-48. Lost hole, caved @ 500. ored 757-1152.
9 19 19 19 19 19 19 19	1-26 S 1-	ieneral Crude #IShippy ieneral Crude #IVogt (ucera #IBartels ieszen #IAlbrecht ieszen Well ioux Valley Oil & Ref.#ILaFI Vagner #I Blanchard Vagner #I Connor Vagner #IPetersen ieppers #IState iray #IKranzler ii Ventures #ISchuldt ittershaus #IJamesville Col merado #IBriscoe Tract merado #I Govt-Cheyenne osden #I Tonburg ayton #I Olsen Rural Credi	NE SE SW 4- SE SW 4- IonyNWSW 25 SE NE 31 SW SW 30 NE SE 36 NW NW 14 SE SW 4- IonyNWSW 25 SW NE 33 AgencySESW SE NW 9- it NE SE 35 NE NE 21 NW NE 1- SE NW 20	-92 N - 49W -93N - 50W -94 N - 50W)-92 N - 49W -123N - 76W -121N - 77W -16N - 18E 20-14N - 18E 11N - 19E -12N - 20E	1207 1249 1135 2064K 1881K 3 1569 1160 1 2378K 2370K 3 2328 32494K 5 2444K 5 2334K 5 300250 22546K	657 698 3914 95808 7 940 221 25158 17 3610 16 3604 16 3342 16 5590 17 2680 15 3300 18	250 6 250 6 250 250 26 250 26 250 26 250 26 257 26 258 268 26 258 268	322 16 620A 226 552A - 430A 29 177 27 330 28: 332A 28: 2450 29 2450 29	77 4 93A 32 40A 25 26A 30 335A 31 62 32 62A 32	730 730 730 7320 7320 7320 7320 7320 732	392A 36 257A 045A 185A 215A 230A 3	39 32 33 33 487 3	504A 3: 286?A 3: 332A 3: 390?A 3:	858 4 608a 389?a 3 6487A 3 5569A 3	110A 40 455?A 568A 42 667A 43	515 267 Y A 598 493 78A 435 92A 448	E B A C B 52A 4533 53A 4673 55B 53A 4673	33A 3087 0 N H 32A 5068 55A 5208 24 5440	A 5194 A A 5340 A A 5860	5230A 5464A	3615 37	780 3 38 3 X	X X X X X X X X X X X X X X X X X X X	×	Sonic	x	GS GS GS GS GS	X	ored 2533-51, 2988-3023. ored 640-48. Lost hole, caved @ 500. ored 757-1152. ST 2581-2658, 3970-4005, 4653-4730. ored 2967-78. DST 2992-3037, 3232-3303. ost hole, twisted off.

