

Husky Oil Company
#1 R. H. Weide
3 SE 3E 3N-57W
Weld County, Colorado



MAY 2 1956

Comm. 3-18-51 OIL & GAS
Comp. 4-14-51 CONSERVATION COMMISSION
T. D. 6274
Elev. 4545 K.F.
10 3/4" x 259 w/ 250 ex.

BEST IMAGE
AVAILABLE

SAMPLE LOG

- 2900 - 2972 Gray shale with few thin beds of white bentonite
2972 - 3000 Gray, medium, shaly to light gray, ashy sandstone with glauconite and few black minerals - tight
3000 - 3035 Gray, coarse, shaly, slightly ashy, very glauconitic, tight sandstone, and light gray, ashy, limy sandstone with few black minerals and trace of glauconite - fair porosity
3035 - 3097 Gray to light gray, medium to coarse, sub-angular, ashy sandstone - shaly and light to fair porosity
3097 - 3155 Gray, fine to medium, shaly sandstone as above
3155 - 3205 Gray shaly sandstone to sandy shale
3205 - 3400 Gray to dark gray shale inter-bedded with gray, fine to medium, very shaly sandstone and sandy shale with some glauconite and black minerals
3400 - 3496 Gray to dark gray shale
3496 - 3617 Same with some inter-bedded gray, fine to medium, very sandy shale with some glauconite, black minerals and ash - in part the sandy shale grades to shaly sandstone
3617 - 3680 Gray to dark gray shale - white to gray bentonite 3617-20 and 3648-50
3680 - 3775 Gray to dark gray shale with some inter-bedded very sandy shale as above - white bentonite 3738-52
3775 - 3815 Gray to dark gray shale with few thin beds white bentonite
3815 - 3820 White, crystalline calcite - fault?
3820 - 3922 Same as 3680 - 3775
3922 - 3960 Gray to dark gray shale with thin beds white, fine, silty to shaly sandstone with black minerals and glauconite
3960 - 3980 Gray to dark gray shale
3980 - 4020 No samples
4020 - 4100 Inter-bedded, dark gray shale and gray to light gray, fine, silty to shaly sandstone - brown, dense to very finely granular siderite 4038-41
4100 - 4488 Gray to dark gray shale - white bentonite 4349-52 and 4468-71
4488 - 4505 Gray to dark gray shale with few thin beds brown, dense siderite
4505 - 4540 Same with few beds brown, dense concretionary? limestone
4540 - 4557 Gray to dark gray shale
4557 - 4560 Resinous brown, crystalline limestone
4560 - 4730 Gray to dark gray shale - brown, dense siderite 4609-12 and 4668-72
4730 - 4750 Gray to dark gray shale - trace brown, limy spots 4732-36
4750 - 4788 Gray to dark gray shale with laminations of white, very fine, micaceous sandstone with black minerals
4788 - 4791 White bentonite
4791 - 4800 Dark gray shale with white, limy spots
4800 - 4880 Gray to dark gray shale - white bentonite 4835-38
4880 - 4890 Shale with light gray, silty to sandy laminations
4890 - 4965 Gray to dark gray shale

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- 4955 - 4970 Dark gray shale with white limy spots
4970 - 5049 Gray to dark gray, slightly carbonaceous shale
5049 - 5052 Light gray, very shaly, chalky limestone
5052 - 5066 Dark gray shale - yellowish bentonite 5052-51
5066 - 5080 Gray to brownish gray, very limy, spotted shale
5080 - 5103 Gray to light gray, very limy, spotted shale
5103 - 5205 Gray to dark gray, limy, spotted shale
5205 - 5295 Gray to dark gray, limy, partly spotted shale
5295 - 5300 Gray, very shaly limestone
5300 - 5350 Dark gray to black, limy shale
5350 - 5375 White, finely crystalline to chalky, fossiliferous limestone
5375 - 5386 Same, very sandy (very fine to fine)
5386 - 5390 Dark gray shale
5390 - 5393 Gray to light gray, fine, sub-rounded, shaly, limy, tight sandstone
5393 - 5403 Light gray, fine to very fine, very limy, tight sandstone with trace of stain - little fluorescence
5403 - 5412 Dark gray shale
5412 - 5448 Light gray to white, fine to medium, sub-angular, limy, tight, partly shaly sandstone with some glauconite and black minerals - trace of stain - some inter-bedded dark gray to black shale
5448 - 5538 Dark gray shale with few thin beds white bentonite
5538 - 5550 Light brown, partly sandy (fine to medium), medium crystalline to granular limestone with trace of glauconite
5550 - 5560 Light brown, fine to medium crystalline to granular limestone
5560 - 5570 Gray, very limy shale to very shaly limestone
5570 - 5584 Gray to dark gray shale
5584 - 5670 Brown, shaly limestone
5670 - 5675 Dark gray shale
5675 - 5700 Tan to buff, medium to coarsely crystalline, fossiliferous limestone
5700 - 5705 Dark gray shale
5705 - 5710 Limestone as above
5710 - 5730 Gray to dark gray shale
5730 - 5766 Tan to buff-brown, medium to coarsely crystalline limestone
5766 - 5800 Dark gray shale
5800 - 5825 Same, and some gray, very bentonitic shale
5825 - 5832 Dark gray, silty shale
5832 - 5863 Dark gray shale - trace of white bentonite spots 5840-45
5863 - 5868 Dark gray, medium, very shaly sandstone, and trace light gray siltstone
5868 - 5871 White, medium to coarse, sub-angular, siliceous sandstone with trace of stain - tight to poor porosity
5871 - 5873 White bentonite
5873 - 5880 White to light gray, fine to medium, tight, silty sandstone
5880 - 5925 Dark gray shale with some thin bentonite beds
5925 - 5928 Light gray siltstone
5928 - 5935 Dark gray shale
5935 - 5940 Brown, very shaly, finely crystalline dolomite - few silty
5940 - 5951 Core Recovered 4 1/2' Dark gray shale; 1' buff, fine to medium, shaly, quartzitic sandstone with gas and distillate; 4" Gray, fine to very fine, tight, shaly sandstone; 5' Lost recovery

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5951 - 5966	COVERED Recovered 1½' Dark gray shale, 8½' White, medium to coarse, sub-rounded, porous sandstone; Lost lower 5' - probably sandstone as above
5966 - 5985	Sandstone as above
5985 - 6000	Gray to light gray, fine to medium sandstone - fair to good porosity
6000 - 6008	Sandstone as above - few shaly
6008 - 6020	Same, partly carbonaceous
6020 - 6030	Gray to light gray, fine to medium sandstone - tight, siliceous to good porosity
6030 - 6045	Sandstone as above, siliceous to shaly, tight to fair porosity, some ash content
6045 - 6063	Gray to dark gray shale with thin, white to gray, fine to medium, quartzitic sandstones
6063 - 6148	Gray to dark gray shale
6148 - 6152	Brown, dense siderite - some pyrite
6152 - 6188	Gray to dark gray shale with some pyrite
6188 - 6190	Gray, fine quartzite - some pyrite
6190 - 6197	Dark gray shale
6197 - 6200	Gray to light gray, fine to medium, very siliceous to quartzitic sandstone with some black minerals and considerable pyrite
6200 - 6205	Dark gray shale
6205 - 6215	Light gray, fine to medium, tight, siliceous sandstone
6215 - 6223	Light gray to white, medium, sub-angular, siliceous sandstone - well sorted, trace of carbonaceous material - tight to poor porosity
6223 - 6230	White, medium to coarse, sub-angular, siliceous, tight sandstone
6230 - 6235	White, fine to coarse, cherty (black), slightly conglomeratic, partly ashy sandstone - siliceous and tight to fair porosity
6235 - 6245	White, fine to medium sandstone - tight to fair porosity
6245 - 6252	White, medium to coarse, angular sandstone - some fair porosity
6252 - 6258	Light green to bright green, waxy, sandy (fine to medium, rounded) shale
6258 - 6262	Sandstone as above
6262 - 6265	Shale as above
6265 - 6269	White, fine to medium, angular, siliceous sandstone
6269 - 6274	Green, waxy and some maroon, fine grained shale
6274	Total Depth

FORMATION TOPS

Starts in Pierre shale under surface pipe at 259 feet
 Hygiene sandstone
 Niobrara
 Fort Hays limestone
 Codell sandstone (Frontier)
 Greenhorn Limestone
 Muddy sandstone
 Dakota sandstone
 Fuson shale
 Lakota sandstone
 First green shale (probably still Lakota to F.D.)
 Total Depth (nine feet cavings in hole)

Schlumberger

2972
 5066
 5350
 5390
 5538
 5868
 5946
 6063
 6205
 6252
 6255

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DRILLING TIME

Five foot time

5000 - 5100 10 7 8 7 8 7 6 7 8 7 6 9 8 12 14 16 30 trip 15 15 12
5100 - 5200 11 10 12 12 10 11 12 12 11 12 12 12 12 11 7 9 8 11 11
5200 - 5300 12 8 9 10 8 7 11 12 9 10 6 9 10 8 16 15 12 13 15 15
5300 - 5400 14 15 12 12 16 19 15 15 13 18 15 20 22 23 26 24 25 33 32 19
5400 - 5500 29 30 37 40 33 30 27 25 28 30 50 - trip 20 23 27 20 18 20
21 22
5500 - 5600 23 20 20 20 20 20 23 15 15 13 15 16 15 17 14 16 44 13 14 13
5600 - 5700 12 11 12 10 10 10 50 17 16 17 15 15 15 15 20 17 15 17 17
5700 - 5775 19 16 17 24 15 17 19 18 20 18 15 17 20 21 24

One foot time

5775 - 5800 4 4 5 4 4 3 4 3 3 4 4 3 4 4 4 3 4 3 3 4 4 4 5 7
5800 - 5820 4 3 10 27 25 6 4 3 6 5 10 15 15 30 5 9 17 trip 10 26 19
5820 - 5840 30 13 30 17 25 15 5 3 2 3 3 6 4 4 4 4 5 3 4 4
5840 - 5860 3 3 4 2 3 3 4 3 3 2 4 3 3 4 3 3 4 4 4 4
5860 - 5880 4 5 4 5 6 5 5 5 3 10 11 8 5 45 15 27 30 25 12 12
5880 - 5886 14 17 15 28 23 33 trip
Steel line correction 5886 equals 5879
5879 - 5900 3 8 14 16 20 4 7 8 7 11 12 8 7 8 8 9 8 - 5 4 3
5900 - 5920 4 3 4 4 6 5 4 4 4 5 4 3 4 6 5 5 5 5 6 6
5920 - 5939 5 8 6 6 6 7 6 3 3 5 5 3 9 3 8 5 4 5 6
5939 - 5951 Core #1 76 50 45 65 30 20 20 32 65 58 73 67 trip
5951 - 5966 Core #2 35 25 33 45 30 30 37 32 31 27 30 35 28 24 30 42 trip
5966 - 5980 7 18 6 19 15 15 15 17 13 13 10 12 8 10
5980 - 6000 7 10 13 15 10 12 18 12 15 15 11 16 25 22 35 trip 22 11 12 11 3
6000 - 6020 6 5 5 5 6 12 14 12 19 10 10 13 10 7 7 8 10 5 8 6
6020 - 6040 8 7 8 7 7 9 11 18 33 11 10 10 11 9 9 9 9 14 10 8
6040 - 6060 17 13 12 18 26 30 25 32 47 55 trip 6 7 9 11 15 25 30 50 44 37
6060 - 6080 53 trip 48 18 14 7 8 7 13 35 13 32 12 15 23 25 20 16 20 20 20
6080 - 6100 32 23 30 20 25 22 28 22 25 28 21 24 23 24 29 16 15 22 trip 7 14
6100 - 6120 30 11 10 12 10 10 11 12 12 13 11 13 10 8 16 12 13 10 8 13
6120 - 6140 9 7 12 11 10 12 13 12 10 10 10 10 10 12 7 7 6 7 8 10
6140 - 6160 7 10 13 10 9 12 12 13 12 13 11 26 18 14 15 13 14 12 15 16
6160 - 6180 20 17 21 15 15 17 12 15 14 14 14 15 13 15 18 17 16 19 15 23
6180 - 6200 18 16 22 19 17 17 14 17 19 17 17 19 22 18 15 12 14 20 18 20
6200 - 6220 21 19 20 21 50 12 12 35 trip 14 13 13 13 17 15 17 14 16
15 55 100 trip
6220 - 6240 23 27 13 21 50 63 52 40 23 15 10 11 9 13 15 9 9 14 11 13
6240 - 6260 9 11 10 16 26 15 16 16 18 4 36 37 35 23 20 33 62 16 15 9
6260 - 6274 7 8 13 27 12 9 8 7 24 36 40 12 21
6274 Total Depth

Gordon Hurd

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Geologist

Husky Oil Company, #1 Wade
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DRILL SHUT TESTING

#1

5392 - 5458, open 30 minutes, shut in 15 minutes, slight blow for 30 minutes, recovered 40 feet mud, F.P. 0#, S.I.P. 1600#.

#2

5858 - 5879, open 30 minutes, shut in 15 minutes, good blow decreasing to nothing in 27 minutes, recovered 15 feet of gas cut mud, F.P. 0#, S.I.P. 1700#

#3

5941 - 5966, open 20 minutes, shut in 15 minutes, strong blow, recovered 2525 feet of slightly brackish water, F.P. 1350 increasing to 1700#, S.I.P. 1700#

#4

6237 - 6274, open 30 minutes, reopen 5 minutes, shut in 15 minutes, weak blow which died in 15 minutes, recovered 35 feet mud and water, F.P. 0#, S.I.P. 1400#

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