



00062481

Mannel

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August-1959

4		Location staked in C NE SW Sec. 23-1N-95W, Rio Blanco County, Colorado. Line meas 1980 EWL, 1981 NSL Sec. 23. 5500' Mannel Sandstone test.
5		Location
6		Location. WO approval move location.
7		Restaking location today in C NW SW Sec. 23-1N-95W, Rio Blanco County, Colorado.
8 thru 10		Restaked location in C NW SW Sec. 23-1N-95W, Rio Blanco County, Colorado. Line meas 645' WEL and 1981' NSL Sec. 23.
11 thru 13		Prep build road & level location. Land owner refused admittance. Claims Dept. representative attempting settlement.
14 thru 18		Grading road, settlement reached.
19		Road and location 75 pct complete.
20		Location complete, bldg road, 90 pct complete.
21		Digging cellar & pits. Road and location complete prep MIR. Kerr-McGee Contractor. Grd Elev: 6246.
22 thru 27		MI & RUR.
28	126	WOC. Spudded 12-1/4" hole at 12 midnight. Drld to TD, reamed hole to 17-1/4" to 124'. Ran 4 jts 13-3/8" OD 48# H-40 csg, set at 121', cem w/160 sx reg w/2% CaCl, cem circ. Plug down at 2 PM. RKB Elev: 6258.
29	126	WOC & nipple up.
30	455	Prep run casing. Press test casing w/1000#, 30 mins, held OK, drld out shoe at 1:00 AM, drld 12-1/4" hole, 1/8 deg at 455.
31	455	WOC. Ran 11 jts 8-5/8" OD 15.9# SJ SW csg, set at 454', cem w/225 sx reg w/2% CaCl, pumped plug to 412', cem circ. Job completed at 6 AM.

September-1959

1	620	Drilling shale 7-7/8" hole. Tested csg w/500#, held OK, tested BOP's w/1000# & drilled out shoe at 9:45 PM. Hit cement at 392'.
2	2020	Drilling shale & sand. 1-1/2 deg at 1870.
3	2729	Drilling shale & sand. 1 deg at 2150, 1-1/2 deg at 2625.
4	3189	Drilling shale. 1-1/2 deg at 2900.
5	3436	Tripping. Shale. 1 deg at 3346.
6	3706	Tripping. Shale & sand. 1 deg at 3706.
7	4038	Tripping. Shale & sand. Prep run logs.
8	4275	Drilling sand & shale. Ran Schlumberger L-ES and Micro Logs from 454 to 4016. Top Charley Sand 3884. Resumed drlg 7-7/8" hole.
9	4317	Coring. Drld to 4285. Pulled bit and ran core bbl.
10	4457	Drilling shale & sand. Pld core #1 4285-4335, cut 50' rec 50'. 20' shale, 2-1/2' sd, S&P, 4' sh, 3-1/2' sdy sh 20' sh. No shows. Ran DP w/7-7/8" bit & resumed drlg.
11	4701	Drilling shale.
12	4905	Drilling shale.
13	5168	Drilling shale & sand. 1-1/2 deg at 4994.



September-1959

14	5387	Drilling shale & sand.
15	5620	Drilling shale & sand.
16	5806	Drilling shale.
17	5812	Prep to DST. Drld 7-7/8" hole to TD. Ran Schlumberger I-ES and Micro Logs from 4000 to TD. Schl. Tops: Wasatch surface to 4904, Mannel Pay sand 4302, Mesaverde 4904.
18	5812	Prep to DST. Ran DST No. 1 w/straddle pkrs set 5664-5624, tool open 1 hr, SI 30 mins, opened w/weak initial blow incr to med blow 40 mins, dead at end of hr. No GTS, rec 585' fresh water. IFP 22, FFP 243, SIP 2130, IHP 2890. 5/8" top & btm choke, 4-1/2" DP.
19	5812	Ran DST #2 Howco straddle pkrs set 5072-5103, tool open 1 hr, SI 30 mins. Weak blow thruout test, rec 360 ft fresh water, NS O or G. IFP 12, FFP 150, SIP 1942, Final & Init HP 2603 psi.
20	5812	Ran DST #3 Howco Straddle pkrs set 4814-4860, Init SI 30 mins, tool open 1 hr, good blow thruout, SI 30 mins. Recovered 4450 ft fresh water NS O or G. ISIP 2003, IHP 2489, IFP 711, FFP 1959, FSIP 2003, FHP 2489.
21	5812	Ran DST #4 Howco straddle pkrs set 4452-4496, tool open 1 hr, weak blo thruout test SI 30 mins. Recovered 725' fresh water, NS O or G. IFP 49, FFP 290, SIP 1612, Init & Final HP 2271.
22	4360	Plugging. Ran DST #5, Howco straddle pkrs set 1606-1632, tool open 1 hr, SI 30 mins, weak blo thruout test. Rec 340 ft fresh water, NS O or G. Init HP 820, IFP 25, FFP 170, SIP 580, Final HP 795 psi. 5/8" top & btm choke, 4-1/2" DP. Spotted 41 sx cem, 2 pct Cal Chl at 4500. WOC 8 hrs, checked top cem plug at 4360.
23	0	P&A. Spotted 42 sx cem, 2 pct Cal Chl 400 to 500 in btm surf csg, 10 sx cem in top surf csg. Released rig at 3:00 PM. FINAL REPORT.