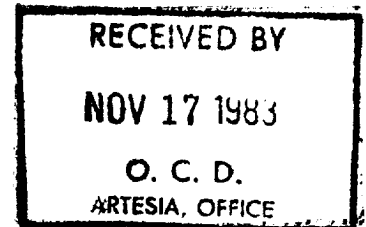


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McCLELLAN OIL CORPORATION PJ FEDERAL COM. #2
660' FNL & 1650' FEL Sec. 13-T9S-R25E
CHAVES COUNTY, NEW MEXICO
Elevation: 3702' G.L.



- 9/24/83: Spudded with WEK Rig #3 at 4:00 p.m. Lost circulation at 25'. Pulled 12 $\frac{1}{4}$ " bit. Reamed with 17 $\frac{1}{2}$ " bit to 80'. Ran 75' of 13-3/8", 61# casing. Cemented with Halliburton using 150 sx Class "C", 2% CaCl₂, $\frac{1}{4}$ # flocele. Circulated cement.
- 9/25/83: Drilling on cement, float and formation.
- 9/26/83: Drilling at 830'. Vis - 36.
- 9/27/83: TD at 922'. Ran 922' of 8-5/8" 23 lb/ft new casing. Cemented with 300 sx Halliburton lite with 2% CaCl₂ and 200 sx Class "C" with 2% CaCl₂. PD at 2:30 p.m. 9/26/83. Circulate 120 sx, WOC - 18 hours. NU BOP's, Drill out with 7-7/8" bit.
- 9/28/83: Drilling at 1664', 30 ft/hr.
- 9/29/83: Drilling at 2528 in sand and anhydrite.
- 9/30/83: Drilling at 3099' with brine water. Made trip for bit #3.
- 10/01/83: 3790', prep to mud up at 3850'.
- 10/02/83: 4108', MW - 9.8, Vis - 38, WL - 19.
- 10/03/83: 4369' in Abo. MW - 9.8, Vis - 40, WL - 11. Tripping for bit #4.
- 10/04/83: TD at 4550'. Circulated 4 hours. POH with drill pipe. Present operation - logging.
- 10/05/83: Ran Schlumberger CNL/DLL. Ran 112 joints of 4 $\frac{1}{2}$ ", 10.5# casing, using 280 sx 50/50 poz, 6# salt, 3% Halad-4, 3% CFR-2. PD 5:00 a.m. Release rig.
- 10/06/83: Temp Survey - TOC - 3300'. PBSD - 4434'.
NO FURTHER REPORTS UNTIL COMPLETION IS ATTEMPTED.
- 10/14/83: Rig up pulling unit. Ran bond log. Prep to perforate 10-17-83.
- 10/17/83: Perfed 4189, 91, 93, 94, 95, 4262, 64, 65, 4327, 28, 29, 30, 31, 32, 33, 35, 36 with .50" holes 17 shots total. Ran tubing, packer and bridge plug. Broke down each set individually. Acidized all perfs with 1500 gals. 7 $\frac{1}{2}$ % MCA with 24 ballsealers. Ave Rt - 5 BPM, Ave psi - 2100, ISIP - 1400 psi, 15 min. - 1100 psi. Swabbed back acid with good show of gas. SION
- 10/18/83: SITP - 450 psi. Pull tubing, packer and BP. Fraced down 4 $\frac{1}{2}$ " casing with 50,000 gals Pur-Gel and 45,000 lbs. 20-40 sand with 25% liquid CO₂. Ave Rt - 49 BPM, Ave psi - 3100, ISIP - 1470, 5 min - 1240, 10 min. - 1180. Shut in 4 hours and flowing load to pit.
- 10/19/83: Killed well. Flowing about 10' flare and flowing small amount of fluid. Ran tubing to 4125', swabbed well in. Left flowing over night. 7:00 a.m. 10-20-83, flowing 60# on 3/4" choke. Release rig.
- 10/20/83: SICP - 900#, SITP - 900#.
- 10/27-10/30/83: Ran 4 point and 72 hr. bomb. CAOF - 1000 MCF BHP @ 72 hrs - 1053.20 psi