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McCLELLAN OIL CORPORATION FINCH FEE NO. 1

DEC - 1 1981

660' FNL & 660' FWL, Section 18-T9S-26E
Chaves County, New Mexico
Elevation: 3700' G. L.

O. C. D.
ARTESIA OFFICE

- 10/28/81: Spudded at 10:00 P.M. 10/27/81. Drilling at 160' in Red Beds w/fresh water.
- 10/29/81: Drilling 805' in lime with fresh water.
- 10/30/81: TD 850'. Ran 21 joints, 844' of 8-5/8", 24 lb. casing. Cemented with 230 sacks HLC with 2% CACL₂ and ¼ lb. flocele and 200 sacks Class "C" with 2% CACL₂. Plug down at 2:35 P.M. WOC 12 hrs. Resume drilling with 7-7/8" bit with fresh water.
- 10/31/81: Drilling 1733' in sand with fresh water.
- 11/01/81: Rig down for repairs.
- 11/02/81: Drilling 1840' in sand and salt with brine water.
- 11/03/81: Drilling 2400' in anhydrite.
- 11/04/81: Drilling at 2896' in anhydrite and sand with 9.5 lb. brine water.
- 11/05/81: Drilling at 3385' in lime.
- 11/06/81: Drilling at 3751' in lime.
- 11/07/81: Drilling at 3950' in sand and shale. Mud up at 3842'. Mud Wt. 9.8, Vis. 43, WL 8.
- 11/08/81: Drilling at 4120' in shale. Mud Wt. 9.9, Vis 44, WL 10.
- 11/09/81: Drilling at 4310' in shale. Mud Wt. 10.1, Vis. 40, WL 15.
- 11/10/81: Drilling at 4525' in sand and shale. Mud Wt. 9.9 Vis 39, WL 25.
- 11/11/81: TD 4600'. Circulated 3 hrs. Pulled drill pipe. Ran Schlumberger CNL-FDC, DLL-Micro SFL. Prep to run 4½" casing.
- 11/12/81: Ran 110 joints 4604', 4½" J55 10.5 lb. per ft. casing. Cemented with 275 sacks Class "C", 50-50 poz with 2% gel .3% CFR₂, .3% Halad 4 and 6 lb. salt. Plugged down 9:30 P.M. WOC 4 hrs. Nipple up well head and release rig. W.O.C.U. No further reports until completion is attempted.
- 11/23/81: Rig up Pool Well Service. Ran cement bond log. Perf 4287' to 4415' with 10 holes, 1 jet shot per foot. Ran tubing and Baker Model R packer and bridge plug. SION
- 11/24/81: Acidized with 1250 gal. 7½% Spearhead acid and balls, with 1000 SCF/bbl nitrogen. Average rate 5.8 BPM. Average pressure 3400 psi. ISDP 1800 psi. 5 min. 1800 psi. Flow back acid load. Swab until dark. SION.
- 11/25/81: Flowing back load.
- 11/26/81: Flowing 100 lbs. on 42/64" choke (est. 1000 MCF) against 0 lbs. back pressure. Shut well in for pressure build-up.
- 11/28/81: No further reports until 4-point test is taken.
- 11/25/81: (Amend previous report) TP - 250 psi. Good show of gas. Pull tubing and tools. Ran tubing openended to 4336'. Fracture treated perfs with 15,000 gals. gel 2% KCL water and 75,000 gals. CO₂ carrying 300 sks. 20-40 and 75 sks 10-20 sand. Average rate - 20 BPM. Average psi - 3350 psi. ISIP - 1100 psi. 15 min. - 1100 psi. Flow back frac load.