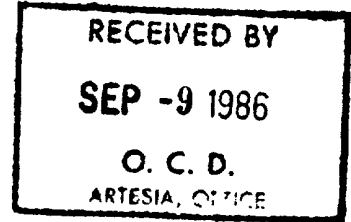


McCLELLAN OIL CORPORATION

Toles Federal #2
660' FSL & 660' FWL
Sec. 15-T8S-R28E
Chaves County, NM
Elevation: 3950' G.L.
Proposed TD: 3600'



- 07/27/85: Spudded well with 12-1/4" bit.
- 07/28/85: Lost circulation @ 260'. Mix one pill, no returns. Dry drilling.
- 07/29/85: Went in hole w/ bit #2 - No returns @ 810'. Will drill to 833' and set 8-5/8" csg.
- 07/30/85: Drilled to 833'. Ran 813' of 8-5/8", 24 lb/ft casing. Cemented w/ 50 sx Class C w/ 4% CaCl₂, 150 sx Howco Lite w/ 4% CaCl₂ and 100 sx Class C w/ 2% CaCl₂. Bumped plug @ 12:30 p.m. 07/29/85. Did not circulate cement. Ran Temp Survey, TOC @ 390'. One inched w/ 308 sx Class C and 400 gal Flo-Check in eight stages. Circulated cement to surface. WOC - 18 hrs. Nipple up BOP's, test for 30 min to 1000 psi. Resumed drilling w/ 7-7/8" bit @ 9:30 a.m. 07/30/85.
- 07/31/85: Drilling @ 1770' W/ bit #3 - fresh water.
- 08/01/85: Drilling @ 2707'.
- 08/02/85: Drilling @ 3410'.
- 08/03/85: TD at 3500'. Logged well using CNL, FDC, MSFL, & DLL. Ran back in hole with DP & DC. Circulated 2 hours. P.O.H.
- 08/04/85: Ran 83 joints of 4 1/2" 9.5# to 3326'. Cemented using Halliburton. 375 sx Class "C" 50/50 poz 6# SALT, .2% CFR-3, 3/10% Hallad 4. Plug down 6:00 A.M. W.O.C. 2 hours. Ran 40 joints of 1" to 1320'. Ran 100 sx Class "C" at 13.5#/gal. Pulled 500'. Mixed 200 sx Class "C" 13.5#/gal. Circulated 20 sx cement. Pulled 1" out of hole. Wait until 6:00 P.M. Ran temperature survey: TOC - 2200'. PBTD - 3269'. Release rig. No further reports until completion is attempted.
- 8/12/86: Rig up pulling unit. Perf 3065'-3070' with 8 holes and 3081'-3084' with 6 holes. Run tubing and packer in hole. Prep to acidize.
- 8/13/86: Spotted 1 bbl acid. Acidized with 1500 gals. 7-1/2% HCL acid & 20 balls Balled out. Avg Rt-38 BPM. Avg psi-1600. ISIP - 1200. 15 min - 800 Swabbed back load. Had slight show of gas. Pulled tubing & packer. Fraced down casing with 20,000 gals. gelled KCL water with 23,500 lbs 20-40 and 8000 lbs. 12-20 sand at avg rt. of 25 BPM at avg treating psi of 1900. ISDP - 1600, 15 min - 1300. Shut in 4 hours. Flowed back load with some gas. Left open over night.
- 8/14/86: Well D.O.A. this morning. Perfed 2946-2950 with 7 holes and 2994-2999 with 7 holes. Ran RBP to \pm 3030'. Spotted 1000 gals. 7-1/2% HCL acid. Set packer at 2970'. Pumped 500 gals. in 2946-2950 at 2 BPM at 1200 psi. Pumped 500 gals, in 2994-2999 at 3 BPM at 1600 psi. ISDP on top zone - 1100 psi. ISDP on bottom zone - 1200 psi. Pulled tubing & packer. Fraced zones with 20,000 gals. gelled KCL water with 23,500 lbs. 20-40 sand & 8000 lbs 12-20 sand at 25 BPM at 2000 psi. ISDP - 1800 psi. Shut in for 4 hours. Flowed down pressure to pit. Left open over night.
- 8/15/86: Well D.O.A. this morning. Washed sand off of bridge plug. Ran tubing in hole to 2964'. Swabbed back frac load. Well kicked off and started flowing after recovering approx. 300 bbls. Left open to pit overnight.
- 8/16/86: Flowing this morning. Still unloading some frac fluid.
- 8/17/86: Flowing 25 psi on 3/4" choke with good mist (approx. 500 MCFD). Left open overnight.
- 8/18/86: Flowing 35 psi on 3/4" choke with slight mist (approx. 600 MCFD). Shut in at 8:15 a.m. Will 4-point in a week.

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8/28/86: Ran Static Buildup before 4 point - BHP - 1065 psi. Ran
4 point - CAOF - 823 MCF. Average rt - estimated 500 MCF.
Ran 72 hr buildup - 1057 psi. Shut-in, waiting on pipeline.

FINAL REPORT