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McCLELLAN OIL CORPORATION TOLMAC STATE #3  
Section 36-T9S-R25E  
2310' FEL & 2310' FNL  
Chaves County, New Mexico  
Elevation: 3640 G.L.

- 5/02/83: Move in WEK Rig #3. Spudded at 4:30 P.M. 5/02/83, with 12 $\frac{1}{4}$ " bit and fresh water.
- 5/03/83: Drilling at 690'.
- 5/04/83: TD hole at 1100'. Ran 27 Jts of 8-5/8" 24# to 1093'. Cemented with Halliburton, using 325 sx Halliburton Lite  $\frac{1}{4}$ # Flocele, 2% CaCl<sub>2</sub>, 250 sx Class "C" 2% CaCl<sub>2</sub>. Plug down at 7:15 A.M. Circulated 75 Sx cement.
- 5/05/83: WOC - 18 hours. Coring at 1160'. Drill out shoe joint. Mudded up to 36 vis, 10 cc water loss. Pulled bit and ran core barrel at 1135'.
- 5/06/83: Drilling with 7-7/8" bit at 1465'. Cored from 1135' to 1255'. Pulled last core at 8:30 P.M. 5/5/83. Reamed hole and resumed drilling.
- 5/07/83: Drilling at 2160' with clear water.
- 5/08/83: Drilling at 2888' with clear water.
- 5/09/83: Drilling at 3404' with clear water.
- 5/10/83: Drilling at 3830'. In process of Mudding Up.
- 5/11/83: Drilling at 4100'. MW - 9.8; Vis - 36; WL - 18.
- 5/12/83: Drilling at 4355'. MW - 9.9; Vis - 39; WL - 14.
- 5/13/83: TD 4475'. Circulated 3 hours. Pulled out of hole. RU Dresser. Ran CNL-FDC/DLL.
- 5/14/83: Ran back in hole, circulated 2 hours. Started out of hole lying down. RU Baer Casing Crew. Ran 106 joints of 4 $\frac{1}{2}$ ", 10.5 lb. casing. RU Halliburton. Cemented 265 sx 50/50 Poz, w/.3% CFR, .3% Halad 4, 6# salt. Plug down 2:00 P.M. 5/13/83. Release rig 6:00 P.M.

NO FURTHER REPORTS UNTIL COMPLETION IS ATTEMPTED.

- 5/31/83: RU Bell. Ran in hole with Cement Bond Log. Found top of cement at 3700'. Pulled out of hole, ran back in with perf gun.. Perforated with .52 diameter hole at 4196', 98', 4200', 4202', 04', 06', 08', 12', 2 shots per foot. Ran in hole with tubing (2-3/8" EUE) to depth of 4220'. Loaded hole with KCL, spotted 100 gals Acetic acid 7 $\frac{1}{2}$ %. Pulled packer to 4130'. Acidized well with 1000 gals Spearhead Acid dropping a total of 24 balls. ISDP - 500 psi,; after 10 min - 0. Average rate - 4 bbl/min. at 2400 lbs. Started swabbing on well. After 3rd run, gas to surface. Swab well every 15 minutes. Flowing 35-40 psi on 3/4" choke. SION.
- 6/01/83: TP - 850 psi. Flowed well at 08:00 - 09:00. Tried to swab, could not swab. Pulled packer loose, came out of hole with tubing. Western rig up. Frac down casing using 33,000 gals of 2% KCL, 30# gel, J-2 Aqua Flow, Claymaster B-5.; 25,000 lbs 20/40 sand; 7,500 lbs 10/20 sand. Average rate 38 BPM. ISDP - 1200 psi, 5 min. - 1000 psi, 10 min. - 900 psi; 15 min. - 900 psi. Waited till 2:30 P.M. and started flowing well back. Flowed back for 1 hour and died. Ran tubing to 4186', flanged wellhead up, started swabbing. Swabbed till dark. SION.
- 6/02/83: TP - 100; CP - 100. Flowed well down, swabbed 1 run, well kicked off, flowing frac fluid to pits. Swabbed intermittently until noon. Watched until 3:00 P.M., flowing 40-50 psi on 3/4" choke unloading lots of fluid. Choked back to  $\frac{1}{2}$ " and left open overnight.
- 6/03/83: Flowing TP 100 on  $\frac{1}{2}$ " choke. CP - 200. Estimated 650 MCFD. SI.
- 6/06/83: SITP - 980; SICP - 980. Open on  $\frac{1}{2}$ " choke.