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McCLELLAN OIL CORPORATION TOLMAC STATE NO. 2
990' FSL & 1980' FWL Sec. 36-T9S-R25E
Chaves County, New Mexico
Elevation 3657' G.L.

JUL 7 1982

O. C. D.

ARTESIA, OFFICE

- 7/02/82: Flowed back frac load. Pulled BP: ran tubing open-ended to 4110'. Pulled 1 swab; well started flowing unloading frac load. Left open overnight, flowing 50 psi on 3/4" choke.
- 7/03/82: FTP - 100 psi on 3/4' choke. Still misting heavily. SI
- 7/05/82: SITP - 890 psi. SICP - 890 psi. Opened to pit - stabilized flow at 320 psi on 1/2" choke with heavy mist.

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- 6/11/82: Rig up WEK rig #3
- 6/12/82: Spudded 9:30 a.m.
- 6/13/82: Ran 27 joints (1098') 8-5/8", 23# casing. Cemented with 350 sx Halliburton lite 2% CaCl, 1/4# flocele and 250 sx Class "C" 2% CaCl. Circulate 65 sx, plug down 5:15.
- 6/14/82: Drilling at 1160' - 30'/hour.
- 6/15/82: Drilling at 1785'. Drilled 665' in 24 hours. No lost circulation. Drilling ahead with fresh water.
- 6/16/82: Drilling at 2165'. Made bit trip, back to drilling.
- 6/17/82: Drilling at 2900' in lime.
- 6/18/82: Drilling at 3520'. Mudding up tonight.
- 6/19/82: Drilling at 3800'. Mud Wt. - 9.8, Vis. - 38, W.L. - 20.
- 6/20/82: Drilling at 4200'. Mud Wt. - 9.8, Vis. - 40, W.L. - 16.
- 6/21/82: Drilling at 4460'. Mud Wt. - 9.8, Vis. - 43, W.L. - 10. Making trip for bit number 6. Proposed TD - 4500'.
- 6/22/82: TD at 4510'. Ran Gearhart CNL-FDC. Could not run DLL, due to mechanical problems. Prep to run 4 1/2" casing.
- 6/23/82: Ran 4474', 111 joints, of J-55, 4 1/2", 10.5# casing. 4434.0 top of shoe joint. Rig up Halliburton. 500 gal. mud, flush ahead. Mix 350 sx 50/50 poz, 2% gel, 6# salt, .3% Halad 4, .3% CFR-2. PD at 10:15. Cut off at 2:15. Release rig. TOC - 3175' TD temp log - 4413'.
- 6/24/82: WOCU no further reports until completion is attempted.
- 6/28/82: Rig up Pool Well Service. Ran cement bond log. Perforate 4202, 04, 06, 4233, 4240, 42, 44, 4288, 4292, 4316, 18, 22, 24, 4346, 48, 15 holes total.
- 6/29/82: Spotted 150 gal. 7 1/2% acid. Ran tubing, Model R Packer and BP. Broke Down: 4334 - 48 @ 3200 psi
 4216 - 24 @ 2300 psi
 4288 - 92 @ 2300 psi
 4233 - 44 @ 1900 psi
 4202 - 06 @ 1800 psi
 Acidize entire interval with 2000 7 1/2% Spearhead acid at 4 BPM at 200 psi. ISDP - 1000 psi, 15 min. - 200 psi. Swabbed load - Gas to surface with 1 run. Flowing gas and spent acid. SION
- 6/30/82: SITP - 930 psi. Blew down in 20 minutes. Flowing 50 psi on 3/4" choke. Pulled tubing and packer. Fractured perfs with 50,000 gals 30 lb. gelled 2% KCL water and 71,000 lbs. 20/40 sand. Ave. Rate - 33 BPM, Avg. psi - 3775, ISDP - 1400, 5 min. 700, 10 min. - 350, 15 min. - 25. Ran BP to 4020. SION
- 7/01/82: Tested BP to 2000 psi. Spotted 1000 gal. 7 1/2% Spearhead from 3987'. Pulled tubing. Perforated 3984, 86, 88, 90 with 2 shots/ft, total of 8 holes. Rig up Western to break down and frac down casing. Breakdown at 2300 psi. Acidized at 19 BPM at 3500 psi. Attempted to frac: sanded out with 5700 lbs. of 20/40 in formation. Circulated sand out of hole. Refraced at 19 BPM at 3600psi with 25,000 gal. 2% gelled KCL water with 13,900 lbs. 20/40 sand. Could not place over 1 lb/gal in formation. ISDP - 3000 psi
 5 min. - 2300 psi
 10 min. - 2100 psi
 15 min. - 2000 psi SION