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JUL 05 1983

McCLELLAN OIL CORPORATION SUZANNE FEDERAL NO. 1  
Section 23-T10S-R25E  
990' FNL & 660' FEL  
Chaves County, New Mexico  
Elevation: 3731' G.L.

O. C. D.  
ARTESIA OFFICE

- 4/21/83: Moved in WEK Drilling rig. Spudded with 12 $\frac{1}{4}$ " bit at 6:15 P.M. 4/20/83. Drilling with fresh water at 715'.
- 4/22/83: Ran 903' of 8-5/8" 24 lb. casing. RU Haliburton. Cemented with 300 sx of Haliburton Lite, 1/4 lb. Flocel 2% CaCl<sub>2</sub>, 250 sx Class "C" 2% CaCl<sub>2</sub>. Plug down at 11:15 P.M. 4/21/83. Will commence drilling today, 4-22-83, 6:15 P.M.
- 4/23/83: Drilling at 1150' in Lime.
- 4/24/83: Drilling at 1680' in Lime and Sand.
- 4/25/83: Drilling at 2280' in Sand and Shale.
- 4/26/83: Drilling at 2890' in sand.
- 4/27/83: Drilling at 3280' in sand.
- 4/28/83: Drilling at 3805'. Will Mud UP at 3950'.
- 4/29/83: Drilling at 4140'. Mudded up at 3950'. M.W. 9.9; Vis. 42; W.L. 18; 5 $\frac{1}{2}$ % oil.
- 4/30/83: Drilling at 4506'. MW 9.9; Vis 40; WL 19.
- 5/01/83: TD at 4600'. Ran Dresser CNL-FDC/DU Logs.
- 5/02/83: Layed down drill pipe. Ran 4588' of 4 $\frac{1}{2}$ ", 10.5 lb/ft, J-55, new casing. Cemented with 200 sks Class "C", 50/50 Poz w/.6% CF-9, .3% TF-4, .3% AF-S and 6# salt. Plug down at 10:30 P.M. 5-1-83. Release rig.
- No further reports until completion is attempted.
- 5/03/83: Temperature survey after 12 hours. TOC - 3635'; PBTD - 4540'.
- 6/17/82: Rig Up Pulling Unit. Ran Cement Bond Log. Perfed 4181, 82, 84, 86, 88, 91, 93, 95, 97, 4202, 03, 4231, 32, 33, 4322, 23, 24, 33, 34, 43, 45, 46 22 shots, .5" diameter. Ran tubing, packer and B.P. Acidized 4322-46 with 1,000 gal 7 $\frac{1}{2}$ % NE acid, 16 balls; 4 BPM at 2000 psi. Balled out. ISIP - 1,000 psi, 10 min. - 900. Acidized 4181'-4233' with 1500 gal 7 $\frac{1}{2}$ % NE acid and balls. 4 BPM at 2000 psi. ISIP-1,000; 15 min. - 850. Balled out. Swabbing back acid load. Gas to surface in 3 swabs. SI for week end. Prep to frac Monday A.M.  
*Tubing 4/21*
- 6/19/83: TP - 950 psi. Pulled packer and plug out of hole. Frac down casing using 8000 gal PrePad and 40,000 gals gelled 2% KCL H<sub>2</sub>O carrying 42,500 lbs of 20/40 sand at average rate of 63 BPM. Average psi - 2825. ISIP - 1250; 5 min. - 1100; 10 min. - 1040; 15 min. 1010. SION.
- 6/20/83: Swabbing back frac load.
- 6/21/83: Swabbing back frac load. Swabbed 230 bbls.
- 6/22/83: Swabbed until 11:00 A.M. Well kicked off flowing.
- 6/23/83: TP - 40 psi. Flowing on  $\frac{1}{2}$ " choke. CP - 250 psi. Flowing lots of frac fluid to pit. Will leave open overnight.
- 6/24/83: TP - 50 psi. Flowing on 28/64" choke. CP - 200 psi. Very fine mist. SI.
- 6/30/83: Ran 4 point test. CAOF - 950 MCFD. SI. Waiting on pipeline connection.

FINAL REPORT