

McCLELLAN OIL CORPORATION FINCH FEE # 2
660' FWL & 1980' FSL Sec. 18-T9S-R26E
Chaves County, New Mexico
Elevations 3694' G. L.

RECEIVED

MAY 19 1982

O. C. D.
ARTESIA, OFFICE

- 4/17/82: Move in WEK Rig #3
- 4/18/82: Spud with 12 $\frac{1}{4}$ " bit at 2:30 4/17/82.
- 4/19/82: Drilled to 854' with 12 $\frac{1}{4}$ " bit. RAn 854' of 8-5/8", 23#, new casing. Cemented with 250 sx Halliburton lite with 2% CaCl₂ and 200 sx Class "C" with 2% CaCl₂. Circulate 100 sx. PD at 8:00 p.m. WOC - 18 hours. NU BOP, test to 500 # for 30 min. Resume drilling 2/19/82 with 7-7/8" bit.
- 4/20/82: Drilling at 1630'.
- 4/21/82: Drilling at 2561'.
- 4/22/82: Drilling at 3400'.
- 4/23/82: Drilling at 3950'. Mudding up.
- 4/24/82: TD - 4450'. Prep to log.
- 4/25/82: Ran Gearhart C&L FDL Density log and Dual Lateral log Micro SFL. Prep to run 4 $\frac{1}{2}$ " casing.
- 4/26/82: Rig up Baer Casing Crew. Ran 109 joints of 4 $\frac{1}{2}$ ", 10.5# casing. Total pipe ran - 4541'. Cemented with Halliburton 300 sx 50/50 poz, 2% gel, 6# salt, .3% Halad-4, .3% CFR-2. Plug down at 11:00 a.m. TOC - 3380'. Marker joint - 3530'. No further reports until completion is attempted.
- 5/11/82: Rig up Dresser Atlas, ran bond log and perforated from 4275' to 4377' with 9 holes, 1 shot/foot. Picked up Maypole packer and plug, ran in hole. Set bridge plug at 4390', spotted with 2 bbl. acid. Pulled packer to 4335' broke down lower set of perf at 1000#. Pull BP to 4335', set packer at 4219'. Broke down upper set of perf at 1200#. Pull BP ran to 4403' and set. Pull packer to 4219' and set. Acidized well with 1500 gal. of Mod-101. Dropped 2 balls every 3 bbls. Ball off well with 18 balls. Avg. rate - 6 bbl/min 2300#. Let flow back $\frac{1}{2}$ hr. until well died. Swab to 6:30 - SDON.
- 5/12/82: TP - 50# surface pressure. Good show of gas. Swab 800' fluid.
- 5/13/82: Pull packer and plug out of hole. Ran seat nipple back to 4237'. Started swabbing on well. Hooked up Halliburton, frac well with 200 sx 20/40 sand, 50 sx 10/20 sand using 15,000 gal. of 30# gel, 90,000# of CO₂. Spear headed frac job with MOD-101 acid. Max psi - 4000#, Avg. psi - 3800, Avg. rate - 15 bbl/min, after 15 min. SI - 1350#. Swab down. CP - 750#, TP - 0#.
- 5/14/82: SITP - 325 psi CP - 250 psi. Swab back frac load. Swab estimated 50 bbl. today. SION.
- 5/15/82: SI
- 5/16/82: SI for 36 hour buildup. TP - 600#, CP - 600#. Blew down to pit. Did not unload any water. SION.
- 5/17/82: 575# on both sides. Back side blowed down also.
- 5/18/82: Came out of hole with tubing. RAn casing swab to 4450'. Pulled two large hunks of rubber out of hole from packer. Made sure perf was free from debris. Came out of hole with casing swab, ran tubing back to 4250'. 260# on tubing, 360# on casing. SDON