

CLEMMONS SUNBURST FEDERAL #2

DAILY DRILLING REPORT

OPERATOR: 505/623-1996

MANZANO OIL CORPORATION

DRILLING CONTRACTOR:

WEK DRILLING, INC.

1980' FSL & FEL, Sec 13

T9S R32E, Lea Co NM Lse NM 60414

Flying "M" Prospect/Elev 4368.9 GL

Proposed TD: 9,100' Bough C

- 10/31/85 Fluid Level at end of day 6500' from surface. Swabbed 66 bbl water & 4 bbl oil. Left open on 22/64" choke to tank overnight. Flowed 0 bbl fluid, Fluid level 1st run 4400' from surface, 100' free oil on top, rest formation water. Recovered 32 bbl over load.
- 11/1/85 Swabbed 89 bbl water, 6 bbl oil, FL at end of day 6900' from surface, Shut in & shut down. This a.m.: SITP 70#, FL 5100' FS, approx 100' free oil on top, remainder formation water. Prep to swab.
- 11/2/85 Swabbed 79 bbl wtr, 2 bbl oil, FL 6900' FS, shut in & shut down for weekend.
- 11/4/85 SITP 80#, FL 4100' FS, approx 100' free oil on top, rest formation water, swabbing.
- 11/5/85 Swabbed total 55 bbl formation water & 1 bbl oil, shut in. This a.m.: SITP 50#, FL 4600' FS, approx 100' free oil on top. Prep to shut down & release swabbing unit. Waiting on orders.
- 11/8/85 Prep to move in completion unit and rig up this weekend. Monday will attempt to wash fill out on bottom & attempt to get 3-4' deeper, come out of hole and perforate the Bough B zone.
- 11/11/85 Moved in and rigged up completion unit & kill truck, SITP 70#, prep to attempt to wash 3-4' of fill and perforate and acidize tomorrow.
- 11/12/85 Washed to PBDT 9052' by tubing measurement. POH, Shut down. This a.m.: tagged bottom w/wireline truck @ 9051'. RU and PERFORATED 9010-9018' total 8' with 9 holes.
- 11/13/85 TIH w/packer & tubing, spot acid @ 9022', pull up & set packer @ 8892', break down perfs, broke @ 3200#, pumped @ 4000# @ 1/2 BPM, open bypass, spot acid and ball sealers, close bypass. ACIDIZE w/1000 gal 20% NEFE and 18 ball sealers, Average Press 5400#, Aver Rate 1.6 BPM, balled off to 6000# w/15 balls on formation, ISIP 4200#, in 5 min 3600#, in 10 min 2700#, in 15 min 2100#. Swabbed 50 bbl fluid w/show of oil and gas, Shut In and Shut down. 10 bbl load to recover. This a.m.: SITP 110#, FL 4800' FS, 50' free oil on top, prep to swab.
- 11/14/85 Swabbed dry, made 1 swab run per hour, swabbed 1/2 bbl per hr, 12% oil cut, Recovered 30 bbl wtr & 4 bbl oil, Shut in & release unit. DROPPED FROM REPORT - SHUT IN FOR PRESSURE BUILD UP.
- 11/18/85 SITP 150#, Shut in 5 days.
- 11/27/85 Move in and rig up swabbing unit, swabbed 3 bbl oil & 35 bbl water, FL 3000' from surface, lowered to 4000', casing on vacuum, release swabbing unit, rig down. Had packer leak. Shut down until Monday, 12/2/85.

RECEIVED

DEC 3 - 1985

U.S. DEPT. OF JUSTICE