

CLEMMONS SUNBURST FED #2DAILY DRILLING REPORTS

OPERATOR: 505/623-1996

1980' FSL &amp; FEL, Sec 13

MANZANO OIL CORPORATION

T9S R32E Lea Co NM LSE NM 60414

DRILLING CONTRACTOR:

Flying "M" Prospect/Elev 4368.9 GL

WEK DRILLING, INC.

Proposed TD: 9,100' Bough C

- 9/18/85 Spudded @ 8:45 a.m. 9/17/85. Drlg @ 385' Redbed, Dev 1° @ 350', MW 8.4, Vis 32, Bit #1 made 310'/5 hrs, out @ 350', Bit #2 made 35' 3/4 hr, out @ 385', 5-3/4 hrs drlg, 3/4 hr trip, 1/2 hr circ, 1/4 hr deviation, 11 hrs WOC, 3 hrs rng csg & cmtg, 1-3/4 hrs rig up, 1 hr drl cmt & plug. Ran 11 jts, (356') 48 & 54# 13-3/8" casing, cemented @ 350' w/350 sks Class C + 2% CaCl. Circulated 65 sks. PD @ 6:15 p.m. 9/17/85.
- 9/19/85 Error on 9/18 report: Bit #2 out @ 385' - Bit #2 came out @ 1776'. Drlg @ 2165' Anhy, MW 9.4, Vis 30, Dev @ 850' 1°, @ 1360' 1° & @ 1776' 1½°, Bit #2 made 1426'/10½ hrs, out @ 1776', Bit #3 in @ 1776', made 389'/9½ hrs, Drld 20½ hrs, Trip 3½ hrs, Deviation ¼ hr. Made 1780'/20½ hrs.
- 9/20/85 Drlg @ 2996' Salt & Anhy, MW 10.2, Vis 32, Dev @ 2270' 1½° & @ 2713' 1½°, made 831'/23½ hrs, Dev ½ hr, Bit #3 made 1220'/32-3/4 hrs.
- 9/21/85 Drlg @ 3412' Lime, MW 10.6, Vis 32, Dev @ 3217 1°, made 416' 23-3/4 hrs, Deviation ¼ hr, Bit #3 made 1636'/56½ hrs
- 9/22/85 WOC @ 3600' Lime, MW 10.5, Vis 32, Dev @ 3600 3/4°, made 188'/13-3/4 hrs, Bit #3 made 1824'/70½ hrs, out @ 3600', Drlg 13-3/4 hrs, Trip 4-3/4, Circ 1-1/2, Csg & Cmt 4 hrs. Tripped for hole in DP-no hole.
- 9/23/85 Drlg @ 3780' Lime w/wtr, made 180'/8 hrs, Bit #4 made 180'/4 hr, Trip 2 hrs, WOC 5½ hrs, Csg Cmt 2½ hrs, Drlg plug & cmt 1 hr, 5 hrs weld wellhead on & nipple up, Press up to 1000# for 30 minutes, held ok. Ran 85 jts (3609') 8-5/8" 24 & 32 # csg, Set & Cmt @ 3600' w/1300 sks Halliburton Lite w/15# salt, 3# gilsonite per sk PLUS 300 sks Class C w/2% CaCl. Circulated 165 sks to surface, Plug Down @ 9:30 a.m. 9/22/85.
- Verbal approval from Bob Pitschke at BLM/Carlsbad to change depth to set 8-5/8" casing to 3600' 9/19/85.
- 9/24/85 Drlg @ 4267' Lime w/wtr, Dev @ 4104' 3/4°, made 487'/23-3/4 hrs, Dev ¼ hr, Bit #4 made 667'/31-3/4 hrs
- 9/25/85 Drlg @ 4828' Lime with water, Dev @ 4605' 1°, made 561'/23-3/4 hrs, Dev 1/4 hr, Bit #4 made 1288'/55½ hrs.
- 9/26/85 Drlg @ 5526' Lime with water, Deviation @ 5108' 3/4°, made 698'/23-3/4 hrs, Dev ¼ hr, Bit #4 made 1926'/79½ hrs.
- 9/27/85 Drlg @ 6046' Lime with water, Deviation @ 5600' 1°, made 520'/23-3/4 hrs, Dev 1/4 hr, Bit #4 made 2446'/103 hrs.
- 9/28/85 Drlg @ 6486' Lime w/wtr, Dev @ 6100' 1½°, made 440'/23-3/4 hrs, Dev ¼ hr, Bit #4 made 2886'/126-3/4 hrs
- 9/29/85 Drlg @ 6915' Lime w/wtr, Dev @ 6602' 1½°, made 429'/23-3/4 hrs, Dev ¼ hr, Bit #4 made 3315'/150½ hrs,
- 9/30/85 Drlg @ 7142' Lime, MW 10, Vis 42, Dev @ 7080' 1½°, made 227'/19 hrs, Bit #4 in @ 3600', made 3480'/162-3/4 hrs, out @ 7080', Bit #5 in @ 7080' made 62'/6½ hrs, Drlg 19 hrs, Trip for bit 5 hrs.
- 10/1/85 Drlg @ 7349' Lime & Shale, MW 10, Vis 42, made 207'/24 hrs. Bit #5 made 269'/30½ hrs.
- 10/2/85 Drlg @ 7522' Lime & Shale, MW 10.1, Vis 48, made 173'/24 hrs, Bit #5 made 442'/54½ hrs
- 10/3/85 Drlg @ 7647' Shale, MW 10.1, Vis 46, Dev @ 7562' 1/4°, made 125'/23-3/4 hrs, Dev 1/4 hrs, Bit #5 made 567'/78½ hrs
- 10/4/85 Drlg @ 7745' Lime & Shale, MW 10.2, Vis 45, Dev @ 7724' 1°, made 98'/19 hrs, Bit #5 made 644'/92 hrs, out @ 7724', Bit #6 in @ 7724' made 21'/5½ hrs, Drld 19 hrs, Trip for bit 4-3/4 hrs, Deviation 1/4 hr.