

CEDAR LAKE FEDERAL COM NO. 2

990'FEL, 990'FSL, 35-17S-30E

EDDY Co., NM

Spud Date: 06/04/94

Lower

Morrow

D&C: 11,600' MORROW  
DEV EOG%: 37.5000%

AFE No.: 10-0291

DHC: 586,300; CWC: 924,400

06/30/94

Day 27. Depth 10,462'. PO-Running DST. lime, shale. Made 39. MW 8.4, Vis 36, Chl 1,000. 2-3/4 hrs drlg; 9-3/4 hrs trip; 11-1/2 hrs other; 2-1/2 deg @ 10,462'; bit No. 7 7-7/8" HTC, ATJ44C, GO1WL, 12/12/13 jets, in @ 10,196', out @ 10,462' (266'), 45/55,000#, 50/60 rpm; Pump No. 1 5-1/2 x 16 liner & stroke, SPM 60, GPM 320, press 1,275 psi, AV:DP 188, DC 301; circ samples from drlg break 10,433' - 10,443' (10'); PU DST tools; test No. 1 opened tool @ 5:40 a.m., closed @ 5:55 a.m., IF 15 mins, had good blow 4" in bucket, immed thru bubble hose, had good blow from btm of bucket @ 1 min; 4 #'s in 5 mins - bubble hose, 8#'s in 10 mins - bubble hose, 12#'s in 15 mins bubble hose; closed tool had gas to surface in 13 mins, 4 - 5' flare; DST No. 1 Strawn, 10,425' - 10,462' (37'); drlg break 10,433' - 10,443' (10'), 4 - 2 - 3-1/2 MPF; BGG 3,000 units. DWC \$9,973. CWC \$389,321.

07/01/94

Day 28. Depth 10,535'. PO-Drilling. lime, shale. Made 73. MW 8.4, Vis 37, FL 8.9, Chl 1,000. 6 hrs drlg; 10-1/2 hrs trip; 7-1/2 hrs other; Pump No. 1 5-1/2 x 16 liner & stroke, SPM 60, GPM 320, press 1,300 psi, AV:DP 188, DC 301; run DST No. 1 10,425' - 10,437', TOH w/DST tool; wash & ream 10' to btm, no fill; 30 bbl gain on choke, drlg w/8' - 12' flare; BGG 3,200 units, DST maxed out 5,000 units. DWC \$12,133. CWC \$401,454.

DST No. 1

Test Interval: 10,425' - 10,462'

Water Cushion: None

Tool Opened At: 05:40

## Test Events

Initial Hyd Press; top gauge psi 4,570, btm gauge psi 4,585.  
Initial Flow: 15 min, top gauge psi 141, btm gauge psi 128.  
Initial SI: 60 mins, top gauge psi 4,972, btm gauge psi 4,966.  
Final Flow: 60 min, top gauge psi 166, btm gauge psi 161.  
Final SI: 180 mins, top gauge psi 4,971, btm gauge psi 4,974.  
Final Hyd Press: top gauge psi 4,572, btm gauge psi 4,584.

Description of test; had gas to surface 10 min into 2nd flow.  
Flowed on a 3/8" choke, 15 psi, 6 - 7' flare. Recovered 794 ft of oil cut mud.

Bottom Hole Tem: 140 deg F.

Sample Chamber Rec: 650 cc oil, 50 cc mud, 0.22 cu ft gas.

Sample Chamber Press: 35 psi at surface.

Oil Gravity (API): 45.1 deg at 80 deg F.