

J. M. DENTON WELL NO. 4
1,980' FSL and 2' FWL, Unit K
Section 11, T. 1S, R-37-E
Denton Field
Lea County, New Mexico

Date: January 3, 1995

AFE No.: 650095

Purpose: Drill short radius lateral in Devonian

Well Status: Shut-in oil well

Elevation: TD: 12,195' PBTD: 11,640' KB: 3,808' GL: 3,792'

Surface casing: 13-3/8", 48#, H-40 at 396'. Cemented with 350 sx cement. Circulated cement.

Intermediate Casing: 9-5/8" 45# and 43.5#, N-80 at 4,741'. Cemented with 2,000 sx. TOC at 1,655'.

Production Casing: 5-1/2", 17#, N-80 (surface to 9,657'), 20#, N-80 (9,657'-12,192'). DV tool at 8,940'. Cemented with 1,300 sx. TOC at 4,450'.

Tubing: 279 jts. 2-7/8", 6.5#, N-80 and SN set @ 8,957'.

Perforations: Devonian - 11,226'-11,600' 852 Shots, 2 SPF and 4 SPF.

Safety Considerations: Run killstring when necessary. Devonian has 6,000 ppm. Install H₂S monitoring, alarm and rescue equipment.

Window Interval: 11,230'-11,280'

Kickoff Point: 11,260'

1. MIRU pulling unit.
2. Install 7-1/16" 5M psig hydraulic BOP w/2-7/8" pipe rams on top and blind rams on bottom and 7-1/16" 5M annular. Install 2 - 2-1/16" 5M psig gate valve on BOP outlets below blind rams.
3. POOH.
4. Pressure test BOP equipment to 1,500 psig using RBP and packer.
5. RU wireline company, 7-1/16" 5M psig frac valve and full lubricator. Pressure test lubricator to 1,000 psig.
6. RIH w/junk basket and gauge ring to 11,600'. POOH.
7. RIH w/gyroscope from surface to 11,600' taking readings every 100'. POOH.
8. RIH w/5-1/2", 20# Baker Model S CIBP and set at 11,420'.
9. RIH w/5-1/2", 20# cement retainer w/stinger, 2-7/8" seating nipple on 2-7/8", N-80 tubing string. RIH and tag CIBP @ 11,420'.
10. Set retainer at 11,170'.
11. Sting out of retainer and circulate hole w/produced water.

SAP/KKM January 3, 1995 Revision, KKM0a28