

RECOMPLETION PROCEDURE

WARN STATE A/C 3 NO. 10
2,150' FNL and 500' FEL, Unit H
Section 33, T-17-S, R-35-E
Vacuum Field
Lea County, New Mexico

Date: February 15, 1995

AFE: 650595

Purpose: Recomplete well in Blinebry

Status: Active pumping oil well.

Elevation: TD: 8,434' PBD: 8,185' KB: 3,953' GL: 3,938'

Surface Casing: 11-3/4", 42#, H-40 set at 1,452'. Cemented with 900 sx cement. Circulated cement.

Intermediate Casing: 8-5/8", 32#, K-55 set at 3,022'. Cemented with 775 sx cement. Circulated cement.

Production Casing: 5-1/2", K-55, 17# set @ 8,434', DV tool at 5,653'. First stage cement w/810 sx. Second stage cemented w/650 sx. Circulated cement on first stage. Did not circulate cement on second stage. TOC at 115'.

Tubing: 256 jts, 2-7/8", 6.5#, L-80 to 8,169'. SN at 8,133'. TAC at 7,719'.

Rods: 116 (4,350') - 1.25" fiberglass, 66 (1,650') - 1" steel, 80 (2,000') - 7/8" steel, 1 - 33K shear tool and 1 (25') - 7/8" steel.

Pump: 2-1/2" X 1-3/4" X 20' X 21' X 24' RHBC.

Current Test: 9 BO, 5 MCFG and 45 BWP (1/95).

Pressure Information: Tubb/Drinkard - SIBHP = 2,000 psig
SITP = 150 psig
Blinebry - SIBHP Estimated @ 2,500 psig
SITP Estimated @ 750 psig

Safety Consideration: Install H₂S monitoring, warning and rescue equipment.
Run killstring when necessary.

1. MIRU pulling unit.
2. Unseat pump and POOH w/rods and pump.
3. Remove wellhead and release tubing anchor.
4. Install 7-1/16", 5M psig hydraulic BOPs w/2-7/8" pipe rams on top and blind rams on bottom w/2 2-1/16", 5M psig flanged outlets below blind rams w/a 2-1/16", 5,000 psig gate valve flanged to each outlet.
5. POOH w/tbg.
6. Install bull plugged tubing hanger in tubinghead.
7. Pressure test blind and pipe rams to 3,000 psig.
8. RU wireline unit, 7-1/16", 5M psig frac valve and full lubricator. Pressure test lubricator to 1,000 psig.
9. RIH w/junk basket and gauge ring to 7,760'. POOH.
10. RIH w/5-1/2" Baker Model S CIBP and set @ 7,750'.