

RECOMPLETION PROCEDURE

Delta Fee 'B' Well No. 1
990' FNL & 1980' FEL
Section 14, T-22-S, R-27-E
East Carlsbad Field
Eddy County, New Mexico

PURPOSE: Test Delaware prior to abandonment.

AFE NO.: 44756 **API NO.:** 30-015-25255

ELEVATION: 3082' GL 3110' KB

TOTAL DEPTH: 10,700' **PBID:** 3760'

SURFACE CASING: 13-3/8", 48#/ft., H-40, ST&C set at 450'.
Cemented with 450 sxs of Class "C".
Circulated 100 sxs to pit.

INTERMEDIATE CASING: 8-5/8", 24#/ft., K-55 and S-80, ST&C set at 2700'. Cemented with 1330 sxs of Pacesetter Lite "C" and 300 sxs Class "C". Circulated 200 sxs to pit.

PRODUCTION CASING: 4-1/2", 11.6#/ft., K-55, LT&C set at 3816'.

PRODUCTION TUBING: 2-3/8", 4.7#/ft., J-55, EUE tubing.

PROPOSED PERFORATIONS: Delaware: 3637-47'.

SAFETY: H2S is expected in the Delaware.

1. Open well. RIH with bit and casing scraper to PBTD. POOH, tallying tubing.
2. RU wireline unit. Install full lubricator with loaded casing gun inside. Test lubricator to 1000 psi.
3. RIH with gun. Pull GR-CCL from PBTD to 3300'. Correlate GR with openhole logs. Perforate Delaware with 2 JSPF from 3637-47' for a total of 22 holes. POOH w/ gun. RD wireline unit.
4. PU 4-1/2" treating packer and RIH on 2-3/8" tubing. Set packer at +/- 3600'. RU swab. Swab test perfs 3637-47'. Report results to Midland Office.
5. RU service company. Acidize Delaware perfs as per attached recommendation. RD service company.
6. RU swab. Swab test perfs 3637-47'. Report results to Midland Office for frac evaluation.
7. RU service company. Fracture treat Delaware perfs as per recommended procedure.
8. RU swab. Swab test perfs 3637-47'. Report results to Midland Office.

Approvals:

C.T. Pierce

R.A. Biernbaum

RDG/9249/dw