DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 1901 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

40

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 18, 2010

Submit one copy to appropriate District Office

OIL CONSERVATION DIVISION

Pool Code

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 67505

API Number

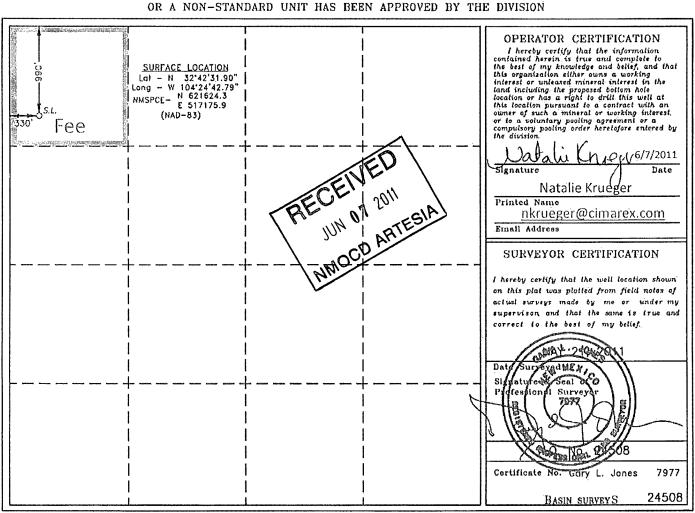
WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Name

☐ AMENDED REPORT

| 30-015-39111 | | | | 50270 | | o (Assoc) | | | | |
|--|-----------|-------------|---------------|----------|---------------|------------------|--------------------|----------------|--------|--|
| Property | Code | | | | Well Number | | | | | |
| 38644 TEXA | | | | | | KAS "32" FEE | | | 3 | |
| ogrid n 16268 | | | | | | | Elevation 3416' | | | |
| Surface Location | | | | | | | | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | |
| D | 32 | 18 S | 26 E | | 990 | NORTH | 330 | WEST | EDDY | |
| Bottom Hole Location If Different From Surface | | | | | | | | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | |
| Dedicated Acre | s Joint o | r Infill Co | nsolidation (| Code Ore | der No. | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED



Mud, Casing, Cementing, and BOP Attachment

Texas 32 Fee No. 3

Cimarex Energy Co. of Colorado Unit D, Section 32 T18S-R26E, Eddy County, NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

Location:

990 FNL & 330 FWL

Elevation above sea level:

3416' GR

Proposed drilling depth:

3,000'

Proposed Mud Circulating System:

| Depth | | Mud Wt | Visc | Fluid Loss | Type Mud | |
|-------|----|--------|------------|------------|----------|-------------|
| 0' | to | 950' | 8.4 - 8.8 | 28 | NC | FW |
| 0' | to | 3000' | 9.9 - 10.1 | 30-32 | NC | Brine water |

Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs.

Casing & Cementing Plan:

| String | Hole Size | Depth | | | Casing OD | | Weight | Collar | Grade |
|------------|-----------|-------|----|-------|-----------|-----|--------|--------|-------|
| Surface | 14¾" | 0' | to | 950' | New | 9¾" | 36# | STC | J55 |
| Production | 8¾" | 0' | to | 3000' | New | 5½" | 17# | LTC | N80 |

Cementing Plan:

Surface

Lead Slurry: 870 sx Class "C" + 10% W - 60 + 1% CaCl2 + 0.25% R - 38 + 5# Gilsonite per sx, 14.4 ppg,

1.56 cuft/sx, 7.04 gal/sx fw.

Tail Slurry: 330 sx Class C + 2% CaCl2 + 0.25% R-38, 14.8 ppg, 1.35 cuft/sx, 6.34 gal/sx fw

TOC Surface

Production

Lead Slurry: 380 sacks Class C 50/50 Poz + 10% Bentonite + 0.3% FL-10 + 0.25% R-38 + 5% Salt,

Mixed at 11.92 ppg. Yeild 2.37 cuft/sx, 13.52 gal/sx Fresh Water

Tail Slurry: 260 sacks C Star Bond + 0.3% FL-10 + 0.1% C-20 + 0.25% R-38. Mixed at 13.2 ppg,

Yeild 1.55 cuft/sx, 7.86 gal/sx Fresh Water

TOC Surface

| <u>Collapse Factor</u> | <u>Burst Factor</u> | <u>Tension Factor</u> |
|------------------------|---------------------|-----------------------|
| 1.125 | 1.125 | 1.6 |