DISTRICT I
1625 N. French Dr., Hobbs, NM 86240
DISTRICT II
1801 W. Grand Avenue, Artesia, NM 86210

State of New Mexico
Energy, Minerals and Natural Resources Department.

Form C-102 Revised July 16, 2010

Submit one copy to appropriate
District Office

# DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV. 1220 S. St. Francis Dr., Santa Pc, NM 82505

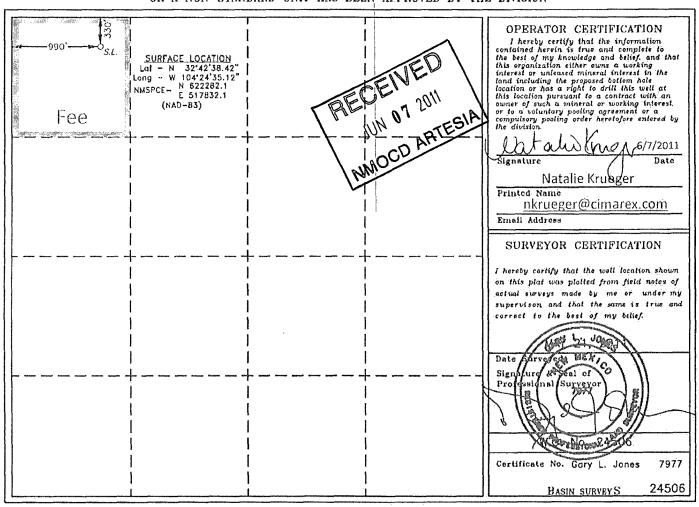
## OIL CONSERVATION DIVISION

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

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 39110 20-015-50270 Penasco Draw; SA-Yeso (Assoc) Property Code Property Name Well Number 38644 TEXAS "32" FEE 1 OGRID No. Operator Name Elevation 3418' 162683 CIMAREX ENERGY CO. OF COLORADO Surface Location East/West line UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the County D 32 18 S 26 E 330 **NORTH** 990 WEST **EDDY** Bottom Hole Location If Different From Surface Range Lot Idn Feet from the North/South line East/West line UL or lot No. Section County Township Feet from the Bedicated Acres Joint or Infill Consolidation Code Order No. 40

NO ALLOWABLE WILL HE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



# Mud, Casing, Cementing, and BOP Attachment

## Texas 32 Fee No. 1

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:

330 FNL & 990 FWL

Elevation above sea level:

3418' 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		
i	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	Weight Collar	
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

Collapse Factor	<b>Burst Factor</b>	<u>Tension Factor</u>
1,125	1.125	1.6