DISTRICT I 1625 N. French Dr., Hobbs, NM 86240 DISTRICT II 1301 W. Grand Avenue, Artesie, NM 86210

DISTRICT III

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

## OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 67505

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name			
30-015-30	<b>532</b> 49622	Parkway; Bone	Bone Spring		
Property Code	Pro	Property Name			
	EDDY	IK STATE COM	6		
OGRID No.	Ope	erator Name	Elevation		
162683	CIMAREX ENERG	3325'			

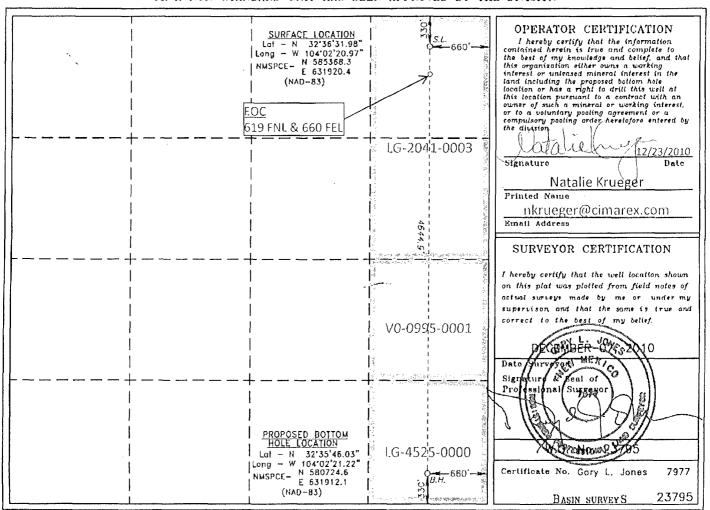
#### Surface Location

UL or lot No.	Section	Томпянір	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	2	20 S	29 E		330	NORTH	660	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	qidenwoT	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	20 S	29 E		330	SOUTH	660	EAST	EDDY
Dedicated Acre	Joint o	r Infill Co	nsolidation (	ode Or	ler No.				
160.71	160.71 P								

NO ALLOWABLE WILL BE 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

## Eddy IK State Com No. 6

Cimarex Energy Co. of Colorado Unit A, Section 2

T20S-R29E, 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:

SHL

330 FNL & 660 FEL

BHL

330 FSL & 660 FEL

Elevation above sea level:

3325 GR

Proposed drilling depth:

MD 10707

TVD 6150

Proposed Mud Circulating System:

	Depth		Mud Wt	Visc	Fluid Loss	Type Mud		
0'	to	300'	8.6-9.4	32-34	NC	FW		
300'	to	1300'	10-10.2	28-30	NC	Brine water		
1300'	to	3100'	8.4-8.6	28-30	NC	FW		
3100'	to	10707'	8.8-9.2	28-30	NC	Cut Brine		

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.

### Proposed drilling Plan

Drill  $8\frac{3}{4}$ " hole to pilot hole depth of 6300 and log. Plug back with a 180 sx cmt plug. KOP @ 5900 and drill to TD @ 10707. Run  $5\frac{1}{4}$ " 17# P-110 LTC from 0-10707. Cement to 2900.

Casing & Cementing Plan:

String	Hole Size"	Depth			Casing	g OD"	Weight#	Collar	Grade
Surface 1	26	0'	to	300'	New	20	94	ВТС	J55
Surface 2	17½	0'	to	1300'	New	13%	48	STC	H40
Intermediate	121/4	0'	to	3100'	New	9%	40	LTC	N80
Production	8¾	0'	to	10707'	New	5½	17	LTC	P110

### Cementing Plan:

Surface 1

Lead 300 sx C, Tail 200 sx C

**TOC** Surface

Surface 2

Lead 700 sx C, Tail 400 sx C

TOC Surface

Intermediate

Lead 900 sx 35/65 POZ C, Tail 400 sx C

TOC 0'

Production

600 sx H

**TOC 2900** 

Fresh water zones will be protected by setting 20" casing at 300 and cementing to surface. Capitan reef will be protected by setting 13%" casing at 1300 and cementing to surface. Hydrocarbon zones will be protected by setting 9%" casing at 3100 and cementing to surface, and by setting 5½" casing at 10707 and cementing to 2900.