

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1820 S. St. Francis Dr., Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-015-38332</b>	Pool Code 49622	Pool Name Parkway; Bone Spring
Property Code	Property Name EDDY IK STATE COM	Well Number 6
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3325'

Surface Location

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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

<p><b>SURFACE LOCATION</b> Lat - N 32°36'31.98" Long - W 104°02'20.97" NMSPCE - N 585368.3 E 631920.4 (NAD-83)</p> <p><b>EOC</b> 619 FNL &amp; 660 FEL</p>	<p>LG-2041-0003</p> <p>4644.5</p> <p>VO-0995-0001</p> <p>LG-4525-0000</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Natalie Krueger</i> 12/23/2010 Signature Date</p> <p>Natalie Krueger Printed Name</p> <p>nkrueger@cimarex.com Email Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 23 2010 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature Seal of Professional Surveyor</p> <p>7977 Certificate No. Gary L. Jones</p> <p>BASIN SURVEYS 23795</p>
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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 8¾" 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 5½" 17# P-110 LTC from 0-10707. Cement to 2900.

Casing & Cementing Plan:

String	Hole Size"	Depth	Casing OD"		Weight#	Collar	Grade
<i>Surface 1</i>	26	0' to 300'	New	20	94	BTC	J55
<i>Surface 2</i>	17½	0' to 1300'	New	13¾	48	STC	H40
<i>Intermediate</i>	12¾	0' to 3100'	New	9¾	40	LTC	N80
<i>Production</i>	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 13¾" casing at 1300 and cementing to surface. Hydrocarbon zones will be protected by setting 9¾" casing at 3100 and cementing to surface, and by setting 5½" casing at 10707 and cementing to 2900.