

DISTRICT I  
1625 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  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 15, 2009

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>30-015-38065</b>	Pool Code 60660	Pool Name Turkey Track; Bone Spring
Property Code <b>38211</b>	Property Name PARKWAY "11" STATE	Well Number 1
OCRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3364'

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	11	19 S	29 E		1085	NORTH	610	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
M	11	19 S	29 E		330	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			NSL Pending

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°40'45.92" Long - W 104°03'07.62" NMSPCE- N 611019.7 E 627862.7 (NAD-83)</p> <p><b>SHL &amp; PP BS</b> 1085 FNL &amp; 610 FWL</p> <p><b>EOC/Beg of Producing Interval</b> 1269 FNL &amp; 613 FWL</p> <p><b>BHL</b> 330 FSL &amp; 660 FWL</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°40'07.87" Long - W 104°03'08.99" NMSPCE- N 607174.38 E 627925.98 (NAD-83)</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>Zeno Farris</i> 6/17/2010 Signature Date</p> <p>Zeno Farris Printed Name</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>APR 29 2010 NEW MEXICO Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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Mud, Casing, Cementing, and BOP Attachment  
**Parkway 11 State No. 1**  
Cimarex Energy Co. of Colorado  
Unit D, Section 11  
T19S-R29E, Eddy County, NM

30-015-38065

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

Location: SHL 1085 FNL & 610 FWL  
BHL 330 FSL & 660 FWL

Elevation above sea level: 3364' GR

Proposed drilling depth: Pilot Hole 8100' Lateral MD 11587' Lateral TVD 7950'

Proposed Mud Circulating System:

Depth			Mud Wt	Visc	Fluid Loss	Type Mud
0'	to	450'	8.4 - 8.6	28	NC	FW
0'	to	2500'	10.0	30-32	NC	Brine water
0'	to	8100'	8.4 - 9.5	30-32	NC	FW, brine
7630'	to	11587'	8.4	28-32	NC	2% KCl

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 pilot hole to 8100.' Set 7" to 7570' and then fiberglass tubing from 7570' to 8100.' Cement to 2300' and kick off 6.125" hole @ 7630.' Drill to TD @ 11587' and put in PEAK completion liner from TOL @ 7470' to TD. No cement required on PEAK liner.

Mud, Casing, Cementing, and BOP Attachment  
**Parkway 11 State No. 1**  
 Cimarex Energy Co. of Colorado  
 Unit O, Section 15  
 T19S-R29E, Eddy County, NM

Casing & Cementing Plan

String	Hole Size	Depth		Casing OD	Weight	Collar	Grade
<b>Surface</b>	17½"	0'	to 450'	New 13¾"	48#	STC	H-40
<b>Intermediate</b>	12¼"	0'	to 2500'	New 9⅝"	40#	LTC	J/K-55
<b>Production</b>	8¾"	0'	to 7570'	New 7"	26#	LTC	P-110
<b>Fiberglass</b>	8¾"	7570'	to 8100'	New 2⅞"	2 18#		IJ
<b>Lateral</b>	6⅞"	7470'	to 11587'	New 4½"	11 6#	LTC	P-110

Cementing Plan

<b>Surface</b>	<u>Lead</u> 260 sk Premium Plus + 2% CaCl 14 8 ppg 1.35 yld <u>Tail</u> 260 sk Premium Plus + 2% CaCl 14 8 ppg 1.35 yld <b>TOC Surface</b>
<b>Intermediate</b>	<u>Lead</u> 500 sks EconoCem + 2% Cacl + 3% salt + 3 lbm gilsonite 2 06 ft3/sk 12 5 ppg <u>Tail</u> 215 sks HalCem + 1% CaCl 1 34 ft3/sk 14 8 ppg <b>TOC Surface</b>
<b>Production</b>	<u>Lead</u> 340 sx EconoCem + 5lbm/sk Gilsonite 2 48 cf/sk 11 9 ppg <u>Tail</u> 420 sx Halcem 15 6 ppg 1 19 cf/sk <b>TOC 2300'</b>
<b>Lateral</b>	No cement needed. Peak completion assembly.

Fresh water zones will be protected by setting 13¾" casing at 450 and cementing to surface Hydrocarbon zones will be protected by setting 9⅝" casing at 2500' and cementing to surface, and by setting 7" casing at 7570' and fiberglass to 8100' and cementing to 2300 '

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

Pressure control Equipment:

Exhibit "E" A 13¾" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000# annular type preventer A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 6000 ' A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

BOP unit will be hydraulically operated BOP will be nipped up and operated at least once a day while drilling and the blind rams will be operated when out of hole during trips No abnormal pressure or temperature is expected while drilling From the base of the surface pipe through the running of production casing, the well will be equipped with a 5000 psi BOP system.

We are requesting a variance for testing the 13¾" surface casing from Onshore Order No. 2, which states that all casing strings below the conductor shall be pressure tested to 0.22 psi per foot or 1500 psi, whichever is greater, but not to exceed 70% of the manufacturer's stated maximum internal yield We are requesting to test the 13¾" casing to 1000 psi using rig pumps. The BOP will be tested to 3000 psi by an independent service company