

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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

MAR 06 2009

Form C-103
May 27, 2004

RM

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-23818

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Parkway C State Com

8. Well Number
001

9. OGRID Number
162683

10. Pool name or Wildcat
Turkey Track; Bone Spring

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Cimarex Energy Co. of Colorado

3. Address of Operator
PO Box 140907; Irving, TX 75014-0907

4. Well Location

SHL Unit Letter F : 1980 feet from the North line and 1980 feet from the West line
Section 15 Township 19S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3339' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: Re-enter, Drill Bone Spring Lateral ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex has changed its proposed BHL for this well as shown below:

Previous Location

SHL 1980 FNL & 1980 FWL

BHL 330 FSL & 330 FEL

New Location

SHL 1980 FNL & 1980 FWL

BHL 330 FSL & 1980 FWL

Please see attached C-102 and new preliminary directional plan.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Natalie Krueger TITLE Regulatory Analyst DATE March 5, 2009

Type or print name Natalie Krueger email address: nkrueger@cimarex.com Telephone No. 469-420-2723

For State Use Only

APPROVED BY: [Signature] TITLE Geology DATE 3/9/09

Conditions of Approval (if any):

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-23818		² Pool Code 60660		³ Pool Name Turkey Track; Bone Spring	
⁴ Property Code 18721		⁵ Property Name Parkway C State Com			⁶ Well Number 001
⁷ OGRID No. 162683		⁸ Operator Name CIMAREX ENERGY CO. OF COLORADO			⁹ Elevation 3339.1' GR

¹⁰ Surface Location

UL or lot no. F	Section 15	Township 19S	Range 29E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line West	County Eddy
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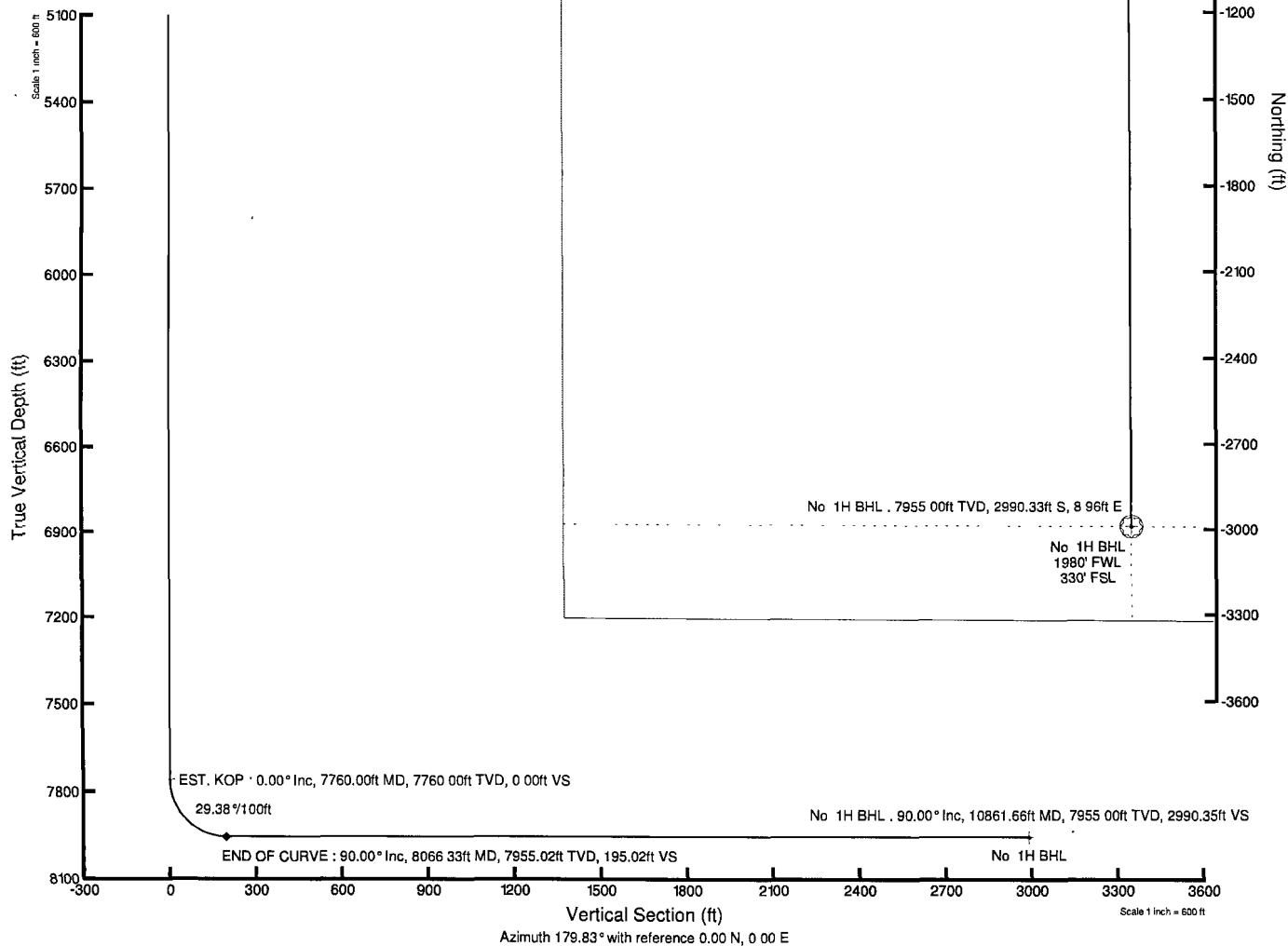
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. P	Section 15	Township 19S	Range 29E	Lot Idn	Feet from the 330	North/South line South	Feet from the 1980	East/West line West	County Eddy
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¹² Dedicated Acres <u>1.30</u> 280	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

16 1980' 1980' 1980' 330' LO-1493-0004 LG-4425-0002 Producible Interval	¹⁷ OPERATOR CERTIFICATION <i>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.</i> Signature 3/5/2009 Date Natalie Krueger Printed Name
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>
	Date of Survey Signature and Seal of Professional Surveyor: Certificate Number





Planned Wellpath Report

Plan #1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Parkway) Sec 15, T19S, R29E	Wellbore	No. 1H PWB
Facility	Parkway C State Com No. 1H		

REPORT SETUP INFORMATION			
Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999917	Report Generated	2/10/2009 at 10:14:53 AM
Convergence at slot	0.14° East	Database/Source file	WA_Midland/No. 1H_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	623994.14	604893.77	32°39'45.403"N	104°03'53.063"W
Facility Reference Pt			623994.14	604893.77	32°39'45.403"N	104°03'53.063"W
Field Reference Pt			623994.14	604893.77	32°39'45.403"N	104°03'53.063"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on No. 2H SHL (RT) to Facility Vertical Datum	17.00ft
Horizontal Reference Pt	Facility Center	Rig on No. 2H SHL (RT) to Mean Sea Level	3356.00ft
Vertical Reference Pt	Rig on No. 2H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 2H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.83°



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WELLPATH DATA (35 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	179.828	0.00	0.00	0.00	0.00	0.00	Tie On
7760.00	0.000	179.828	7760.00	0.00	0.00	0.00	0.00	EST. KOP
7860.00†	29.380	179.828	7855.67	25.08	-25.08	0.08	29.38	
7960.00†	58.760	179.828	7926.74	93.88	-93.88	0.28	29.38	
8060.00†	88.140	179.828	7954.91	188.69	-188.69	0.57	29.38	
8066.33	90.000	179.828	7955.02	195.02	-195.02	0.58	29.38	END OF CURVE
8160.00†	90.000	179.828	7955.02	288.69	-288.68	0.87	0.00	
8260.00†	90.000	179.828	7955.02	388.69	-388.68	1.16	0.00	
8360.00†	90.000	179.828	7955.01	488.69	-488.68	1.46	0.00	
8460.00†	90.000	179.828	7955.01	588.69	-588.68	1.76	0.00	
8560.00†	90.000	179.828	7955.01	688.69	-688.68	2.06	0.00	
8660.00†	90.000	179.828	7955.01	788.69	-788.68	2.36	0.00	
8760.00†	90.000	179.828	7955.01	888.69	-888.68	2.66	0.00	
8860.00†	90.000	179.828	7955.01	988.69	-988.68	2.96	0.00	
8960.00†	90.000	179.828	7955.01	1088.69	-1088.68	3.26	0.00	
9060.00†	90.000	179.828	7955.01	1188.69	-1188.68	3.56	0.00	
9160.00†	90.000	179.828	7955.01	1288.69	-1288.68	3.86	0.00	
9260.00†	90.000	179.828	7955.01	1388.69	-1388.68	4.16	0.00	
9360.00†	90.000	179.828	7955.01	1488.69	-1488.68	4.46	0.00	
9460.00†	90.000	179.828	7955.01	1588.69	-1588.68	4.76	0.00	
9560.00†	90.000	179.828	7955.01	1688.69	-1688.68	5.06	0.00	
9660.00†	90.000	179.828	7955.01	1788.69	-1788.68	5.36	0.00	
9760.00†	90.000	179.828	7955.01	1888.69	-1888.68	5.66	0.00	
9860.00†	90.000	179.828	7955.01	1988.69	-1988.68	5.96	0.00	
9960.00†	90.000	179.828	7955.01	2088.69	-2088.68	6.26	0.00	
10060.00†	90.000	179.828	7955.00	2188.69	-2188.68	6.56	0.00	
10160.00†	90.000	179.828	7955.00	2288.69	-2288.68	6.86	0.00	
10260.00†	90.000	179.828	7955.00	2388.69	-2388.67	7.16	0.00	
10360.00†	90.000	179.828	7955.00	2488.69	-2488.67	7.46	0.00	
10460.00†	90.000	179.828	7955.00	2588.69	-2588.67	7.76	0.00	



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Facility	Parkway C State Com No. 1H		

WELLPATH DATA (35 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
10560.00†	90.000	179.828	7955.00	2688.69	-2688.67	8.06	0.00	
10660.00†	90.000	179.828	7955.00	2788.69	-2788.67	8.36	0.00	
10760.00†	90.000	179.828	7955.00	2888.69	-2888.67	8.66	0.00	
10860.00†	90.000	179.828	7955.00	2988.69	-2988.67	8.96	0.00	
10861.66	90.000	179.828	7955.00 ¹	2990.35	-2990.33	8.96	0.00	No. 1H BHL

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 1H BHL	10861.66	7955.00	-2990.33	8.96	624003.10	601903.69	32°39'15.815"N	104°03'53.046"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Plan #1				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	10861.66	NaviTrak (Standard)		No. 1H PWB