

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

OCT 06 2008

OCD-ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

Cimarex Energy Co. of Colorado

3a. Address

PO Box 140907; Irving, TX 75014-0907

3b. Phone No. (include area code)

972-401-3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 660' FEL
7-16S-29E

5. Lease Serial No.

NM-109643

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Drumstick 7 Federal Com 1

9. API Well No.

30-015-36013

10. Field and Pool, or Exploratory Area

Abo Wildcat

11. County or Parish, State

Eddy County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Add Lateral

Abo leg

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Drumstick 7 Fed 1 was drilled to TD @ 10553 to produce from the Diamond Mound; Morrow but due to poor conditions cement plugs were placed at bottom of plug @ 10,553' top of plug @ 10,225' and bottom of plug @ 10,020' top of plug @ 9,670' and bottom of plug @ 9,578' top of plug at 8,990'.

Cimarex Request approval to re-enter, set CIBP @ 6,725', cut a window @ 6710'-6720,' and drill an 6-1/8" horizontal hole to TD 10610' MD & 6970' TVD with BHL 1980' FNL & 330' FWL.

Run Peak Liner 4-1/2" 11.6# P-110 LTC casing to TD. No Cement.

Stimulate and turn to sales as Abo Wildcat, gas well.

Please see attached preliminary directional survey and C-102.

*Rejected
Work complete 4 months
prior to submitting
Sundry.*

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Scott Haynes

Signature

Scott Haynes

Title

Regulatory Analyst

Date

July 28, 2008

10/1/08
ACCEPTED FOR RECORD

OCT 7 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Conditions of Approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 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 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35494	Pool Code	Pool Name Abo Wildcat
Property Code	Property Name DRUMSTICK "7" FEDERAL COM	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3671'

Surface Location

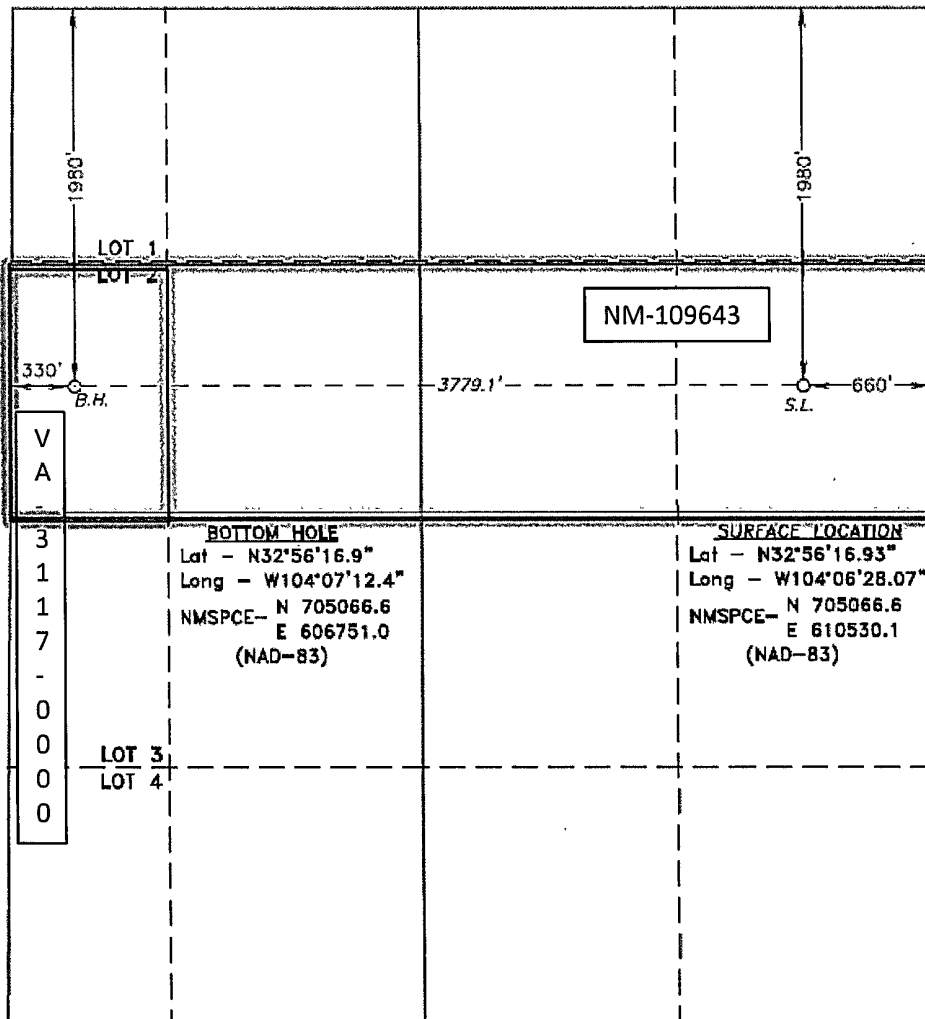
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	7	16 S	29 E		1980	NORTH	660	EAST	EDDY

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
LOT 2	7	16 S	29 E		1980	NORTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320		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



OPERATOR CERTIFICATION

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 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.

Scott Haynes
Signature Date 7-28-08

Scott Haynes
Printed Name

SURVEYOR CERTIFICATION

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.

OCTOBER 30, 2007

Date Surveyed
Signature of Surveyor
Professional Surveyor

Gary L. Jones
Signature
7977
Certificate No. Gary L. Jones 7977

BASIN SURVEYS



Planned Wellpath Report

Preliminary

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co. of Colorado	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Drumstick) Sec. 7, T16S, R29E	Wellbore	No. 1H PWB
Facility	Drumstick 7 Fed 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	0.999915	Report Generated	7/25/2008 at 3:04:28 PM
Convergence at slot	0.12° 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	610530.10	705066.60	32°56'16.930"N	104°06'28.068"W
Facility Reference Pt			610530.10	705066.60	32°56'16.930"N	104°06'28.068"W
Field Reference Pt			610863.30	703644.50	32°56'02.852"N	104°06'24.194"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to Facility Vertical Datum	18.00ft
Horizontal Reference Pt	Facility Center	Rig on No. 1H SHL (RT) to Mean Sea Level	3689.00ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
VD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.00°



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Facility	Drumstick 7 Fed Com No. 1H		

WELLPATH DATA (42 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	270.000	0.00	0.00	0.00	0.00	0.00	Tie On
6720.00	0.000	270.000	6720.00	0.00	0.00	0.00	0.00	KOP
6820.00†	30.000	270.000	6815.49	25.59	0.00	-25.59	30.00	
6920.00†	60.000	270.000	6885.40	95.49	0.00	-95.49	30.00	
7016.86†	89.058	270.000	6910.96	187.85	0.00	-187.85	30.00	EOC
7020.00†	89.058	270.000	6911.01	190.99	0.00	-190.99	0.00	
7120.00†	89.058	270.000	6912.66	290.97	0.00	-290.97	0.00	
7220.00†	89.058	270.000	6914.30	390.96	0.00	-390.96	0.00	
7320.00†	89.058	270.000	6915.94	490.95	0.00	-490.95	0.00	
7420.00†	89.058	270.000	6917.59	590.93	0.00	-590.93	0.00	
7520.00†	89.058	270.000	6919.23	690.92	0.00	-690.92	0.00	
7620.00†	89.058	270.000	6920.87	790.90	0.00	-790.90	0.00	
7720.00†	89.058	270.000	6922.52	890.89	0.00	-890.89	0.00	
7820.00†	89.058	270.000	6924.16	990.88	0.00	-990.88	0.00	
7920.00†	89.058	270.000	6925.80	1090.86	0.00	-1090.86	0.00	
8020.00†	89.058	270.000	6927.45	1190.85	0.00	-1190.85	0.00	
8120.00†	89.058	270.000	6929.09	1290.84	0.00	-1290.84	0.00	
8220.00†	89.058	270.000	6930.74	1390.82	0.00	-1390.82	0.00	
8320.00†	89.058	270.000	6932.38	1490.81	0.00	-1490.81	0.00	
8420.00†	89.058	270.000	6934.02	1590.80	0.00	-1590.80	0.00	
8520.00†	89.058	270.000	6935.67	1690.78	0.00	-1690.78	0.00	
8620.00†	89.058	270.000	6937.31	1790.77	0.00	-1790.77	0.00	
8720.00†	89.058	270.000	6938.95	1890.76	0.00	-1890.76	0.00	
8820.00†	89.058	270.000	6940.60	1990.74	0.00	-1990.74	0.00	
8920.00†	89.058	270.000	6942.24	2090.73	0.00	-2090.73	0.00	
9020.00†	89.058	270.000	6943.88	2190.72	0.00	-2190.72	0.00	
9120.00†	89.058	270.000	6945.53	2290.70	0.00	-2290.70	0.00	
9220.00†	89.058	270.000	6947.17	2390.69	0.00	-2390.69	0.00	
9320.00†	89.058	270.000	6948.81	2490.67	0.00	-2490.67	0.00	
9420.00†	89.058	270.000	6950.46	2590.66	0.00	-2590.66	0.00	



Planned Wellpath Report

Preliminary

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Facility	Drumstick 7 Fed Com No. 1H		

WELLPATH DATA (42 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
9520.00†	89.058	270.000	6952.10	2690.65	0.00	-2690.65	0.00	
9620.00†	89.058	270.000	6953.75	2790.63	0.00	-2790.63	0.00	
9720.00†	89.058	270.000	6955.39	2890.62	0.00	-2890.62	0.00	
9820.00†	89.058	270.000	6957.03	2990.61	0.00	-2990.61	0.00	
9920.00†	89.058	270.000	6958.68	3090.59	0.00	-3090.59	0.00	
10020.00†	89.058	270.000	6960.32	3190.58	0.00	-3190.58	0.00	
10120.00†	89.058	270.000	6961.96	3290.57	0.00	-3290.57	0.00	
10220.00†	89.058	270.000	6963.61	3390.55	0.00	-3390.55	0.00	
10320.00†	89.058	270.000	6965.25	3490.54	0.00	-3490.54	0.00	
10420.00†	89.058	270.000	6966.89	3590.53	0.00	-3590.53	0.00	
10520.00†	89.058	270.000	6968.54	3690.51	0.00	-3690.51	0.00	
10608.93	89.058	270.000	6970.00†	3779.43	0.00	-3779.43	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
No. 1H BHL	10608.93	6970.00	0.00	-3779.43	606751.00	705066.60	32°56'17.008"N	104°07'12.413"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Preliminary

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	10608.93	NaviTrak (Standard)		No. 1H PWB



Cimarex Energy Co. of Colorado

Location: Eddy County, NM
Field: (Drumstick) Sec. 7, T16S, R29E
Facility: Drumstick 7 Fed Com No. 1H

Slot: No. 1H SHL
Well: No. 1H
Wellbore: No. 1H PWB



Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%/100ft)	VS (ft)
Tie On	0.00	0.000	270.000	0.00	0.00	0.00	0.00	0.00
KOP	6720.00	0.000	270.000	6720.00	0.00	0.00	0.00	0.00
EOC	7016.86	89.058	270.000	6910.96	0.00	-187.85	30.00	187.85
No. 1H BHL	10608.93	89.058	270.000	6970.00	0.00	-3779.43	0.00	3779.43

