

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

OCT 02 2008

Form C-101
May 27, 2004

OCD-ARTESIA

Submit to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Cimarex Energy Co. of Colorado 5215 N. O'Connor Blvd., Ste. 1500 Irving, TX 75039		² OGRID Number 162683
		³ API Number 30 -015-34940
³ Property Code 300597	⁵ Property Name Crawford 26	⁶ Well No. 003
⁹ Proposed Pool 1 96730 Bone Spring Wildcat		¹⁰ Proposed Pool 2 Black River

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	24S	26E		1980	North	660	West	Eddy

⁸ Proposed 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	26	24S	26E		660	South	760	West	Eddy

Additional Well Information

¹¹ Work Type Code Re-Entry, Recompletion	¹² Well Type Code Oil	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Private	¹⁵ Ground Level Elevation 3272' GR
¹⁶ Multiple	¹⁷ Proposed Depth MD 8104' TVD 5520'	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 12-15-08
Depth to Groundwater 27'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> w/ haul-off bins Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13¾"	48#	436'	565 sx	0' (previously set)
12¼"	9⅝"	40#	2970'	1150 sx	0' (previously set)
8¾"	5½"	17#	11825'	1670 sx	3924' (previously set)
4¾"	3½"	9.3#	MD 8104' TVD 5520'	410 sx	5224' (@ liner hanger)

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well was drilled to TD and unsuccessfully completed in the Morrow from 11-06 to 01-07. The well never produced measurable oil, gas, or water. TA status was granted on 06-09-08 by the State of New Mexico (CIBP @ 11010').

Cimarex proposes to plug back to 5341' with cement plugs, cut window in 5½" casing from 5326' to 5336' and kick off horizontal drilling at 5331.' Drill to TD (MD 8104' and TVD 5520') and install 3½" liner.

Cement with 410 sx Super H + 0.5% LAP-1 + 0.4% CFR-3 + 1# Salt + 0.25# D-AIR 3000 + 0.3% HR-7 + 0.25# Flocele + 5# Gilsonite (wt 13.2, yld 1.61).

Stimulate and Complete as a Bone Spring Oil Well.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐. C-144 will be sent.

Signature:

Printed name: Natalie Krueger

Title: Regulatory Analyst

E-mail Address: nkrueger@cimarex.com

Date: 10/01/08

Phone: 469-420-2723

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 10/24/08

Expiration Date: 10/24/10

Conditions of Approval Attached ☐



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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34940	Pool Code 96730	Pool Name Black River Bone Spring Wildcat (Gas)
Property Code 300597	Property Name CRAWFORD "26"	Well Number 3
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3272'

Surface Location

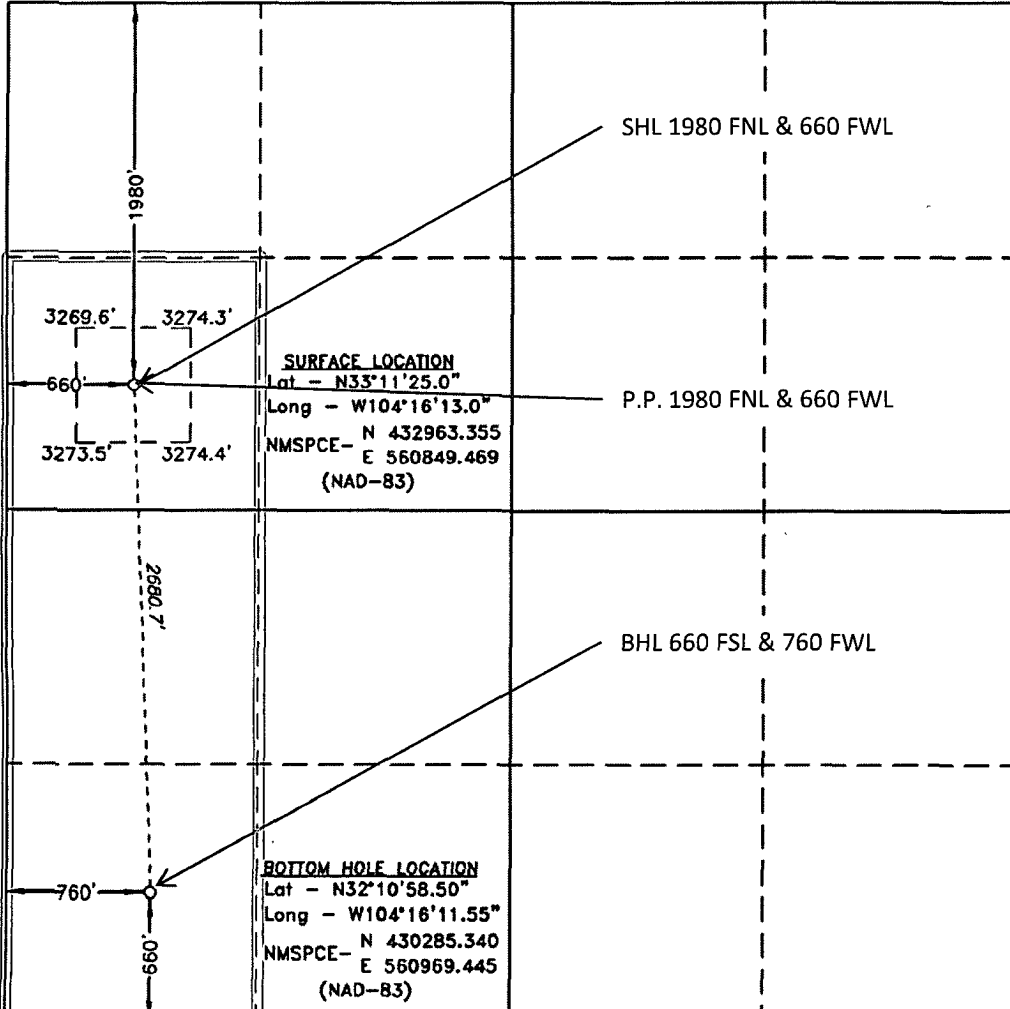
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	24 S	26 E		1980	NORTH	660	WEST	EDDY

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	26	24 S	26 E		660	SOUTH	760	WEST	EDDY

Dedicated Acres 120	Joint or Infill	Consolidation Code	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Natalie Krueger</i> Signature</p> <p>Natalie Krueger Printed Name</p> <p>Regulatory Analyst Title</p> <p>10-01-08 Date</p> <p>SURVEYOR CERTIFICATION</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>Date Surveyed Signature of Professional Surveyor Professional Surveyor No. 6698 Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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Cimarex Energy Co. of Colorado

5215 North O'Connor Blvd. ♦ Suite 1500 ♦ Irving, TX 75039 ♦ (972) 401-3111 ♦ Fax (972) 443-6486

Mailing Address: P.O. Box 140907 ♦ Irving, TX 75014-0907

A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"

October 1, 2008

Oil Conservation Division
District II Office
1301 W. Grand Ave.
Artesia, New Mexico 88210
Attn: Ms. Kimberly Wilson

OCT 02 2008
OCD-ARTESIA

Re: Statewide Rule 118
Hydrogen Sulfide Gas Contingency Plan
Proposed Crawford 26 No. 3 (Re-entry)

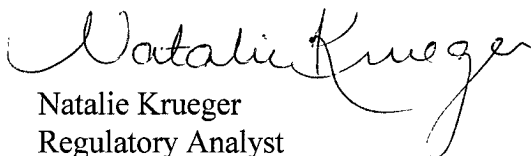
Dear Ms. Wilson:

In accordance with NMAC 19.15.3.118 C. (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, Cimarex Energy Co. of Colorado does not anticipate that there will be enough H₂S from the surface to the Bone Spring formations to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test(s):

Crawford 26 No. 3 (Re-entry)
26-24S-26E
SHL 1980 FNL & 660 FWL
BHL 660 FSL & 760 FWL
Eddy County, NM

If anything further is needed regarding this issue, or if you have any questions, please feel free to contact the undersigned at 972-443-6489.

Yours truly,


Natalie Krueger
Regulatory Analyst