

NM OIL CONSERVATION
ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

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

OCT 05 2017 Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

RECEIVED

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 202 S Cheyenne Ave., Ste 1000 Tulsa, OK 74103		² OGRID Number 215099
⁴ API Number 30 - 015-42170		³ Reason for Filing Code/ Effective Date NW - 7-21-17
⁵ Pool Name Wildcat Bone Spring	⁶ Pool Code 98040 30215	
⁷ Property Code 40444	⁸ Property Name Hornsby 35 Fed Com	⁹ Well Number 10H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
Lot 1	35	26S	27E		290	SOUTH	820	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	26S	27E		330	NORTH	584	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7-28-17	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco Inc. R & M PO Box 2039; Tulsa OK	
226737	DCP Midstream 370 17 th St, Ste 2500; Denver CO	

IV. Well Completion Data

²¹ Spud Date 5-20-17	²² Ready Date 7-21-17	²³ TD 14536/7708	²⁴ PBDT 14512	²⁵ Perforations 7857' - 14497'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	410	515 - TOC 0' ✓		
12.25	9.625	2193	900 - TOC 0' ✓		
8.5	5.5	14536	1937 - TOC 0' ✓		
	2.375	7260			

V. Well Test Data

³¹ Date New Oil 7-27-17	³² Gas Delivery Date 7-28-17	³³ Test Date 8-5-17	³⁴ Test Length 24	³⁵ Tbg. Pressure 680	³⁶ Csg. Pressure 0
³⁷ Choke Size 34/64	³⁸ Oil 533	³⁹ Water 1591	⁴⁰ Gas 7260	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kimberleigh Rhodes*
Printed name: Kimberleigh Rhodes

Title: Regulatory Technician
E-mail Address: kirhodes@cimarex.com

Date: 09/28/2017 Phone: 918-560-7081

OIL CONSERVATION DIVISION

Approved by: *Raymond G. Bodanz*
Title: Geologist

Approval Date: 10-5-2017

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

OCT 05 2017

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM120350	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY CO. Contact: KIMBERLEIGH RHODES E-Mail: KIRhodes@cimarex.com		7. Unit or CA Agreement Name and No.	
3. Address 202 S CHEYENNE AVE STE 1000 TULSA, OK 74103		8. Lease Name and Well No. HORNSBY 35 FEDERAL COM 10H	
3a. Phone No. (include area code) Ph: 918-560-7081		9. API Well No. 30-015-42170	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 35 T26S R27E Mer 290FSL 820FEL At top prod interval reported below Sec 35 T26S R27E Mer 290FSL 820FEL At total depth Sec 26 T26S R27E Mer 330FNL 584FEL		10. Field and Pool, or Exploratory WILDCAT	
14. Date Spudded 05/20/2017		15. Date T.D. Reached 06/05/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/21/2017		17. Elevations (DF, KB, RT, GL)* 3225 GL	
18. Total Depth: MD 14536 TVD 7708		19. Plug Back T.D.: MD 14512 TVD 7708	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	410	0	515		0	0
12.250	9.625 J55	36.0	0	2193	0	900		0	0
8.500	5.500 L80	17.0	0	14536	0	1937		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7857	14497	7857 TO 14497	0.400	1280	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7857 TO 14497	301758 BBLS TOTAL FLUID AND 16439086 # SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/21/2017	08/05/2017	24	→	533.0	1022.0	1591.0	49.3		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI	0.0	→	533	1022	1591	1917	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #390730 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPPending BLM approvals will
subsequently be reviewed
and scanned

BC 10-5-17

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BELL CANYON	2320	3292	WATER	BELL CANYON	2320
CHERRY CANYON	3454	4291	WATER	CHERRY CANYON	3454
BRUSHY CANYON	5270	5574	WATER	BRUSHY CANYON	5270
BONE SPRING	7440	7810	WATER & OIL	BONE SPRING	7440

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #390730 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO., sent to the Carlsbad**

Name (please print) KIMBERLEIGH RHODESTitle REGULATORY TECHNICIAN

Signature _____ (Electronic Submission)

Date 10/04/2017

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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