

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 05 2017

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 87305

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

RECEIVED
Submit one copy to appropriate District Office

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 30-015-42166		³ Reason for Filing Code/ Effective Date NW-7-21-17
⁵ Pool Name <i>Hay Hollow</i> Purple Sage <i>Wolcamp</i> Bone Spring	⁶ Pool Code 09020 30215	<i>Hay Hollow</i> BSPL6.
⁷ Property Code 40444	⁸ Property Name Hornsby 35 Fed Com	⁹ Well Number 4H

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
3	35	26S	27E		290	SOUTH	2110	WEST	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
C	26	26S	27E		330	NORTH	1708	WEST	EDDY

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P	7-29-17			

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	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
4-12-17	7-21-17	<i>14502/7737</i>	14465	7853' - 14313'	
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	2195	900 - TOC 0'	✓	
8.5	5.5	14502	2650 - TOC 0'	✓	
	2.375	7236			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
7-28-17	7-29-17	8-7-17	24	520	0
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
40/64	308	1746	951 Sunoco Inc. R & M		

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: krhodes@cimarex.com
Date: 09/28/2017
Phone: 918-560-7081

OIL CONSERVATION DIVISION
Approved by: *Raymond H. Podany*
Title: *Geologist*
Approval Date: *10-5-2017*

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 05 2017

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY CO. Contact: KIMBERLEIGH RHODES E-Mail: KirRhodes@cimarex.com		8. Lease Name and Well No. HORNSBY 35 FEDERAL COM 4H	
3. Address 202 S CHEYENNE AVE STE 1000 TULSA, OK 74103		9. API Well No. 30-015-42166	
3a. Phone No. (include area code) Ph: 918-560-7081		10. Field and Pool, or Exploratory WILDCAT	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 290FSL 2110FWL At top prod interval reported below 290FSL 2110FWL At total depth 330FNL 1708FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 35 T26S R27E Mer	
14. Date Spudded 04/12/2017		15. Date T.D. Reached 05/06/2017	
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 7709		19. Plug Back T.D.: MD 14512 TVD 7709	
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	2195	0	900		0	0
8.500	5.500 L80	17.0	0	14502	0	2650		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)
2.375	7236	7236						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7853	14463	7853 TO 14463	0.420	1280	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7853 TO 14463	299668 BBLs TOTAL FLUID AND 16118910 # 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	08/07/2017	24	▶	308.0	951.0	1746.0	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	
40/64	SI	0.0	▶	308	951	1746	3088	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	
	SI		▶						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #390867 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP

Pending BLM approvals will subsequently be reviewed and scanned

SC 10-5-17

