

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

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
		³ Reason for Filing Code/ Effective Date NW - 10-7-2017
⁴ API Number 30 - 015-42169	⁵ Pool Name Hay Hollow; Bone Spring	⁶ Pool Code 30215
⁷ Property Code 40444	⁸ Property Name Hornsby 35 Fed Com	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no. 2	Section 35	Township 26S	Range 27E	Lot Idn	Feet from the 290	North/South Line SOUTH	Feet from the 2030	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. C	Section 26	Township 26S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1699	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10-7-2017	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

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 7-18-17	²² Ready Date 10-7-2017	²³ TD 14465 / 17635	²⁴ PBDT 14439 / 14429	²⁵ Perforations 7909-14414'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	412	515 - TOC 0'		
12.25	9.625	2221	905 - TOC 0'		
8.75	5.5	14465	2665 - TOC 0'		
	2.375	7234			

V. Well Test Data

³¹ Date New Oil 10-12-17	³² Gas Delivery Date 10-11-17	³³ Test Date 11-05-2017	³⁴ Test Length 24	³⁵ Tbg. Pressure 755	³⁶ Csg. Pressure 0
³⁷ Choke Size 30/64	³⁸ Oil 644	³⁹ Water 1374	⁴⁰ Gas 1082	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: 

Printed name:
Terri Stathem

Title:
Regulatory

E-mail Address:
tstathem@cimarex.com

Date:
02-22-18

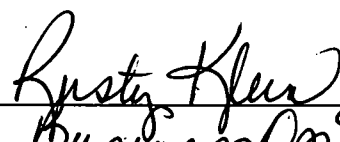
Phone:
432-620-1936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:


Business Ops Spec A
2-28-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 26 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5. Lease Serial No.
NMNM120350

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

8. Lease Name and Well No.
HORNSBY 35 FEDERAL COM 8H

3. Address 202 S CHEYENNE AVE
TULSA, OK 74103

3a. Phone No. (include area code)
Ph: 432-620-1936

9. API Well No.
30-015-42169

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 35 T26S R27E Mer
Lot 2 290FSL 2030FEL
At top prod interval reported below Sec 35 T26S R27E Mer
Lot 2 290FSL 2030FEL
At total depth Sec 26 T26S R27E Mer
NWNE 330FNL 1699FEL

10. Field and Pool, or Exploratory
HAY HOLLOW; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 35 T26S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/18/2017

15. Date T.D. Reached
08/05/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/07/2017

17. Elevations (DF, KB, RT, GL)*
3240 GL

18. Total Depth: MD 14465
TVD 7635

19. Plug Back T.D.: MD 14429
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL RES

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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	412		515		0	0
12.250	9.625 J55	36.0	0	2221		905		0	0
8.750	5.500 L80	17.0	0	14465		2665		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	7234	7234						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7909	14414	7909 TO 14414	0.390	1009	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7909 TO 14414	286604 BBLS TOTAL FLUID; 15654850# 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
10/12/2017	11/05/2017	24		644.0	1082.0	1374.0	39.2		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	680	0.0		644	1082	1374	1680	POW	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		

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

ELECTRONIC SUBMISSION #405527 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OF

Pending BLM approvals will
subsequently be reviewed
and scanned

..CD**

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.)
SOLD

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
DELAWARE	2265	3302	WATER	RUSTLER	0
CHERRY CANYON	3302	4240	WATER	DELAWARE	2265
BONE SPRING	5952	9000	OIL GAS WATER	CHERRY CANYON	3302
				BONE SPRING	5952

32. Additional remarks (include plugging procedure):
log submitted via overnight mail

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 #405527 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCESignature (Electronic Submission)Date 02/23/2018

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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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.

FEB 26 2018

RECEIVED

5. Lease Serial No.
NMNM120350

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HORNSBY 35 FED COM 8H9. API Well No.
30-015-4216910. Field and Pool or Exploratory Area
WILDCAT BONE SPRING11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com3a. Address
202 S CHEYENNE AVE., STE. 1000
TULSA, OK 74103-30013b. Phone No. (include area code)
Ph: 432-620-1936

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

Sec 35 T26S R27E SESW 210FSL 1980FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

07-18-17 Spud well @ 2:15 pm
07-19-17 TD 17-1/2" hole @ 412'. RIH w/ 13-3/8", 48#, J55 STC csg & set @ 412'. Mix & pump 515 sx
Class C, 14.8 ppg, 1.35 yld. Circ 41 bbls to surface. WOC 8 hrs.
07-20-17 Test csg to 15500# for 30 mins. GOOD test.
07-22-17 TD 12-1/4" hole @ 2221'. RIH w/ 9-5/8, 36#, J55 LTC csg & set @ 2221'. Mix & pump Lead:
610 sx, 13.5 ppg, 1.801 yld Halcem Class H; tail w/ 295 sx 14.8 ppg, 1.35 yld Halcem Class H. Circ
327 sx to surface. WOC 8 hrs.
7-23-17 Test csg to 2400# for 30 mins. OK.
07-28-17 Drilling curve
07-30-17 Landed curve
08-05-17 TD 8-3/4" hole @ 14465'. TOOH to run csg.
08-07-17 TIH w/ 5-1/2", 17#, L80 BTC/LTC csg & set @ 14465'. Mix & pump lead: 775 sx 10.3 ppg,

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #405523 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 02/23/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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.

Office

Pending BLM approvals will
subsequently be reviewed
and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person know
States any false, fictitious or fraudulent statements or representations as to any matter within its jur.

... or agency of the United

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITI****OPERATOR-SUBMITTED ****

Additional data for EC transaction #405523 that would not fit on the form

32. Additional remarks, continued

3.64 yld Tuned Lite; tail w/ 1900 sx 14.5 ppg, 1.24 yld VersaCem H. Circ 54 sx to surface. WOC.
08-08-17 Release Rig.

Completion

09-04-2017 Test csg to 6820 for 30 mins. OK.

09-05-2017 to

9-28-2017 Perf Bone Spring @ 7909-14414', 1009 holes, .39. Frac w/ 286604 bbls total fluid & 15654850# sand.

10-04-2017 Mill out plugs & CO to PBTD @ 14429'.

10-07-2017 Flowback well.

10-09-2017 SI & monitor

10-13-2017 RIH w/ 2-3/8" tbg, GLV & pkr & set @ 7234'. Turn well to production.