

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

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

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 202 S. Cheyenne Ave. Tulsa, OK 74103		NM OIL CONSERVATION ARTESIA DISTRICT JUL 22 2015		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW 6-11-15		
⁴ API Number 30-015-42956	⁵ Pool Name Wildcat-Bonespring RECEIVED WC-015 6-03 5252636M; Bone Spring		⁶ Pool Code 97818	
⁷ Property Code 314218	⁸ Property Name Bonnie 35 Federal Com		⁹ Well Number 1H	

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
P	35	25S	26E		200	SOUTH	970	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	35	25S	26E		330	NORTH	724	EAST	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	6-11-15			

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
3-31-15	6-11-15	12093' 7398	12090'	7720-12065	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	450	500		
12-1/4	9-5/8	1968	665		
8-1/2	5-1/2	12093	2316		
	2-3/8	6858			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
6-11-15	6-11-15	6-20-15	24 hrs	650	1060
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
27/64	752	1247	1097		

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: *Hope Knauls*
Printed name: Hope Knauls
Title: Regulatory Tech
E-mail Address: hknauls@cimarex.com
Date: 7-15-15 Phone: 918-295-1799

OIL CONSERVATION DIVISION

Approved by: *[Signature]*
Title: *Dist J. Sepanis*
Approval Date: *7-24-15*

Pending BLM approvals will subsequently be reviewed and scanned

PROVIDE LOGS

NM OIL CONSERVATION
ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 22 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMNM26870

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
BONNIE 35 FEDERAL 1H

9. API Well No.
30-015-42956

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: HOPE KNAULS
E-Mail: hknaults@cimarex.com

3a. Address
202 S. CHEYENNE AVE
TULSA, OK 74127

3b. Phone No. (include area code)
Ph: 918-585-1100

10. Field and Pool, or Exploratory
BONESPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 35 T25S R26E 200FSL 970FEL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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	
	<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 recomplete 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 recompletion 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.)

Bonnie 35 Federal 1H Drilling and Completion Summary:

Drilling:

3-31-15 Spud well

4-3-15 TD 17-1/2" hole @ 450'. RIH w/ 13-3/8", 48#, J-55, STC csg @ 450'. Mix & Pump 500 sxs class C, 1.36 yld, 14.8ppg, circ (140)sxs to surg. Test to 1500 psi test good.

4-4-15 TD 12-1/2" hole @ 1968'. RIH w/ 9-5/8", 36#, J-55 LT&C csg & set @ 1968'.

4-5-15 Mix & Pump lead 530 sxs, Econcem HLC, 12.9 ppg, 1.88 yld; Tail w/135 sxs, HalCem @ 14.8 ppg, 1.34 yld. Circ 154 sxs to surface. WOC 10 hours. Test Csg @ 1500 psi 30 min. Test good.

4-13-15 TD 8-3/4" hole @ 7926'. Landed Curve. TIH w/ curve assembly, drilling lateral.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #309041 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) HOPE KNAULS	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 07/14/2015

THIS SPACE FOR FEDERAL OR STATE O

Pending BLM approvals will subsequently be reviewed and scanned 

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 _____

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.

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

Additional data for EC transaction #309041 that would not fit on the form

32. Additional remarks, continued

4-19-15-4-21-15 TD 8-1/2 hole @ 12093'. RIH 5-1/2", 7#, LT&C csg & set @ 12093'. Mix & Pump lead: 912 sxs. 10.8ppg, 2.7 yld; Tail VersaCemH w/ 1404 sx, 14.5 ppg; 1.23 yld. Test csg 7000 psi, Good test.

4-22-15 Rig Released.

Completion:

5-23-15 Set 5-1/2" CBP & 12080' test to 660 psi for 30 min Test Ok. Per'd Bonespring 11842-12065. WO Frac.

6-2-15 Perf'd 7720-11768', .46 size hole, 360 holes, Frac w/ 3074022 gal tot fluid, 5044014 #sand.

6-5-15 Mill out CFP plugs to PBD @ 12080'.

6-9-15 RIH w/ 5-1/2 packer @ 6858'. RIH w/ 2-3/8" tbg, L-80, 4.7#. GLV @ 1653', 2793', 3609', 4100', 4558', 4984', 5443', 5901', 6360', 6786'.

6-11-15 Turned to production.

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 22 2015

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

5. Lease Serial No.
NMNM26870

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input 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 COMPANY Contact: HOPE KNAULS E-Mail: hknaults@cimarex.com			8. Lease Name and Well No. BONNIE 35 FEDERAL COM 1H		
3. Address 202 S. CHEYENNE AVE TULSA, OK 74103		3a. Phone No. (include area code) Ph: 918-585-1100	9. API Well No. 30-015-42956		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 200FSL 970FEL At top prod interval reported below 200FSL 970FEL At total depth 330FNL 724FEL			10. Field and Pool, or Exploratory WILDCAT; BONESPRING		
14. Date Spudded 03/31/2015			15. Date T.D. Reached 04/19/2015	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/11/2015	17. Elevations (DF, KB, RT, GL)*
18. Total Depth: MD 12093 TVD 7396	19. Plug Back T.D.: MD 12090 TVD 7396	20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DSN, DLL			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 Skvs. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0		450		500			140
12.250	9.625 J-55	36.0		1968		665			154
8.750	5.500 L80	17.0		12093		2316			

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	6858	6858						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONESPRING	7720	12065	7720 TO 12065	0.460	360	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7720 TO 12065	FRAC W/3074022 GAL TOT FLUID; 5044014 #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
06/11/2015	06/20/2015	24	▶	752.0	1097.0	1247.0	45.5		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 650 SI 1060	Csg. Press. 752.0	24 Hr. Rate ▶	Oil BBL 752	Gas MCF 1097	Water BBL 1247	Gas:Oil Ratio 1458	Well Status 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
			▶					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

Pending BLM approvals will subsequently be reviewed and scanned

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	1974		OIL; WATER		
CHERRY CANYON	2980		WATER		
BRUSHY CANYON	3980		OIL AND WATER		
BONE SPRING	5540		OIL AND WATER		
1ST BSS	6510		WATER		
2ND BSS	7040		OIL AND WATER		
3RD BSS CARB	7550		WATER		

32. Additional remarks (include plugging procedure):
Please hold all logs and completion paperwork confidential!

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 #309201 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) HOPE KNAULS Title REGULATORY TECHNICIAN

Signature _____ (Electronic Submission) Date 07/15/2015

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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