

MAY 11 2015
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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

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

5. Lease Serial No.
NNNM120350

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

8. Lease Name and Well No.
HORNSBY 35 FEDERAL COM 2H

3. Address 202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3a. Phone No. (include area code)
Ph: 918-560-7038

9. API Well No.
30-015-42165

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 35 T26S R27E Mer
At surface Lot 4 210FSL 1270FWL
Sec 35 T26S R27E Mer
At top prod interval reported below Lot 4 210FSL 1270FWL
Sec 26 T26S R27E Mer
At total depth Lot D 330FNL 750FWL

10. Field and Pool, or Exploratory
WILDCAT BONESPRING

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
08/16/2014

15. Date T.D. Reached
09/04/2014

16. Date Completed
 D & A Ready to Prod.
11/10/2014

17. Elevations (DF, KB, RT, GL)*
3275 GL

18. Total Depth: MD 14525 TVD 7699

19. Plug Back T.D.: MD 14522 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

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	420		450		0	59
12.250	9.625 J55	36.0	0	2205		777		0	89
8.500	5.500 L80	17.0	0	14525		2770		2796	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	6808	6808						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7726	14495	7726 TO 14495	0.540	1056	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7726 TO 14495	4592553 GALS FLUID, 7381603 # 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
11/10/2014	11/14/2014	24	→	334.0	604.0	1301.0	49.3	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
32/64	SI 550	1300.0	→	334	604	1301		POW

ACCEPTED FOR RECORD

Production Method
GAS LIFT

MAY - 1 2015

D. W. ...

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.	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 #288571 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 5/14/15

100
9/9/15

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	2330	3280	WATER	SALADO	1150
CHERRY CANYON	3380	4240	WATER	CASTILE	2102
BRUSHY CANYON	4970	5100	WATER	BELL CANYON	2280
BONE SPRING	7370	7800	WATER AND OIL	CHERRY CANYON	3280
				BRUSHY CANYON	4455
				BONE SPRING	5925

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 #288571 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 04/30/2015 ()

Name (please print) CRISTEN BURDELL Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 01/20/2015

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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