

JUN 25 2015  
Artesia

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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**

5. Lease Serial No.  
NMNM130862

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HASTA LAVISTA 1 DI FEDERAL COM 1H

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

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

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Lot 3 330FNL 2280FWL  
Sec 6 T20S R31E Mer  
At top prod interval reported below Lot 3 330FNL 2280FWL  
Sec 6 T20S R31E Mer  
Sec 1 T20S R30E Mer  
At total depth Lot 4 657FNL 546FWL

9. API Well No.  
30-015-42533

10. Field and Pool, or Exploratory  
GATUNA CANYON BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 6 T20S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
09/18/2014

15. Date T.D. Reached  
10/10/2014

16. Date Completed  
 D & A  Ready to Prod.  
12/22/2014

17. Elevations (DF, KB, RT, GL)\*  
3439 GL

18. Total Depth: MD 15760  
TVD 8699

19. Plug Back T.D.: MD 15734  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
DLL DSN

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
26.000	20.000 J55	94.0	0	470		1150		0	0
17.500	13.375 J55	54.5	0	2237		1710		0	0
12.250	9.625 J55	40.0	0	4085	2295	1470		0	0
8.500	5.500 P110	17.0	0	15760		2080		120	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)
2.875	8117	8117						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8650	15710	8650 TO 15710	0.540	720	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8650 TO 15710	3200850 GALS FLUID; 5023058 # 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
12/23/2014	12/24/2014	24	▶	60.0	0.0	0.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 1000.0	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
49/64	SI	1000.0	▶					OSI	

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	Well Status	
	SI		▶						

**ACCEPTED FOR RECORD**

ELECTRIC PUMP SUB-SURFACE

JUN 3 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #296261 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*[Handwritten Signature]*

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.)  
OTHER

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
CHERRY CANYON	4180	5081	WATER	RUSLTER	425
BONE SPRING	6752	15760	OIL	SALADO	590
				TANSILL	1900
				YATES	2020
				7 RIVERS	2250
				CHERRY CANYON	4180
				BRUSHY CANYON	5081
				BONE SPRING	6752

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

Well is shut in pending operator change to BOPCO.

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 #296261 Verified by the BLM Well Information System.**  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 05/14/2015 ()

Name (please print) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/26/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\***