

HOBBS OCD
JUL 31 2013

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JUL 31 2013UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NNNM27573

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
891016905X8. Lease Name and Well No.
LAGUNA DEEP UNIT 219. API Well No.
30-025-40812-00-S110. Field and Pool, or Exploratory
TEAS11. Sec., T., R., M., or Block and Survey
or Area Sec 36 T19S R33E Mer NMP12. County or Parish
LEA13. State
NM17. Elevations (DF, KB, RT, GL)*
3611 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
CIMAREX ENERGY COMPANY OF COContact: HOPE KNAULS
Email: hknaults2comarex.com3. Address 600 NORTH MARIENFELD STREET, SUITE 600
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432.571.7800

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Sec 36 T19S R33E Mer NMP
NENW 660FNL 2310FWLAt top prod interval reported below Sec 36 T19S R33E Mer NMP
NENW 660FNL 2310FWLAt total depth Sec 35 T19S R33E Mer NMP
NWNW 706FNL 335FWL14. Date Spudded
11/16/201215. Date T.D. Reached
12/27/201216. Date Completed
☐ D & A ☒ Ready to Prod.
02/03/201318. Total Depth: MD
TVD 16444
938019. Plug Back T.D.: MD
TVD 1639620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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
20.000	16.000 K-55	84.7	0	1483		1565		0	
14.750	11.750 J-55	54.0	0	3180		1235		0	
10.625	8.625 K-55	32.0	0	5055	3291	1145		1286	
7.875	5.500 P-110	17.0	0	8877	8718				
7.875	4.500 P-110	11.6	8877	16444		2250		800	

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	8647							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9450	16260	9450 TO 16260		400	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9450 TO 16260	gal total fluid, 3518121 # 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
02/04/2013	02/17/2013	24	→	656.0	625.0	666.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
27	120	0.0	→	656	625	666	952	POW	

28a. Production - Interval B

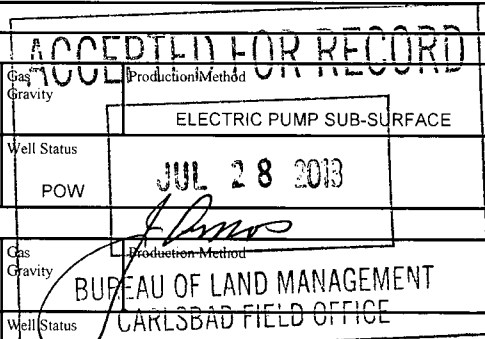
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #214333 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

MAR 05 2014

RECLAMATION
DUE 8-3-13

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
				RUSTLER	1340
				TOP OF SALT	1570
				YATES	3172
				DELAWARE	5580
				BRUSHY CANYON	6486
				BONE SPRING LIME	8085
				1ST BONE SPRING	9120

32. Additional remarks (include plugging procedure):
No Logs.

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 #214333 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/22/2013 (13KMS2488SE)

Name (please print) HOPE KNAULS Title REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 07/19/2013

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****