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Form 3160-4
(August 2007)

NMOC D AR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

JAN 23 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease, Serial No.
NMNM0560353

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 OF			8. Lease Name and Well No. CRESCENT HALE 10 FEDERAL COM 2		
3. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-015-39825-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 11 T19S R30E Mer NMP SENW 1560FNL 1960FWL 32.677831 N Lat, 103.944867 W Lon At top prod interval reported below Sec 11 T19S R30E Mer NMP SENW 1560FNL 1960FWL 32.677831 N Lat, 103.944867 W Lon At total depth SWNW 2349FNL 330FWL			10. Field and Pool, or Exploratory BENSON		
14. Date Spudded 09/19/2013			15. Date T.D. Reached 10/08/2013		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/26/2013			17. Elevations (DF, KB, RT, GL)* 3380 GL		
18. Total Depth: MD 15225 TVD 8481		19. Plug Back T.D.: MD 15225 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? <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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0	0	499		490		0	
12.250	9.625 J-55	36.0	0	3693		1205		0	
8.750	7.000 P-110	26.0	0	7922		2345		2727	
7.875	5.500 P-110	17.0	7922	15225					

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	7826	7826						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9270	15195	9270 TO 15195	0.420	480	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9270 TO 15195	2169744 GALLONS TOTAL FLUID; 3357906 # 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
11/27/2013	12/26/2013	24	→	739.0	767.0	671.0	47.5	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
20/64	SI	220.0	→	739	767	671		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.	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 #231548 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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DUE 5-26-14

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	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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. Fwg. SI	Csg. Press.	24 Hr. Rate —▶	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				TOP SALT BASE OF SALT CAPITAN REEF BONE SPRINGS	600 1850 3790 6075

33. Circle enclosed attachments:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) GLORIA GARZA

Title REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 01/09/2014

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 ** REVISED ****