

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NMNM0560353

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY OF ~~CA~~ Contact: TERRI STATHEM
Email: tstathem@cimarex.com

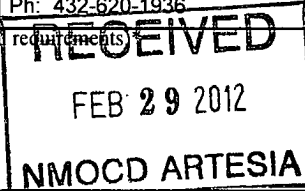
8. Lease Name and Well No
CRESCENT HALE 12 FEDERAL 1

3. Address 600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

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

9. API Well No.
30-015-39025-00-S1

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



10. Field and Pool, or Exploratory
BENSON

11. Sec, T., R., M., or Block and Survey
or Area Sec 12 T19S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/06/2011

15. Date T.D. Reached
11/02/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/07/2011

17. Elevations (DF, KB, RT, GL)*
3467 GL

18. Total Depth MD 12962
TVD 8728

19. Plug Back T.D. MD 12914
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3467 GL

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 J-55	54.5	0	500		440		0	
12.250	9.625 N-80	40.0	0	4090		2300		0	
8.750	5.500 P-110	17.0	0	12962		1920		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	7964							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8649	12836	8649 TO 9056		40	open
B)			9189 TO 9596		40	open
C)			9729 TO 10136		40	open
D)			10269 TO 10676		40	open

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

Depth Interval	Amount and Type of Material
8649 TO 9056	gal total fluids, 331308# sand
9189 TO 9596	gal total fluids, 331308# sand
9729 TO 10136	gal total fluids, 331844# sand
10269 TO 10676	gal total fluids, 325161# 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
12/08/2011	12/24/2011	24	→	579.0	754.0	802.0	38.7		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
48/64	SI	80.0	→	5797	754	802	1302	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
			→						FEB 19 2012
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 #130464 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM-REVISED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
RUSTLER TOP SALT DELAWARE BONE SPRING	555 700 4570 6120			RUSTLER TOP SALT DELAWARE BONE SPRING	555 700 4570 6120

32. Additional remarks (include plugging procedure)

additional perfs

10809-11216' - .42, 40 holes, open

11349-11756' - .42, 40 holes, open

11889-12296' - .42, 40 holes, open

12429-12836' - .42, 40 holes, open

additional frac info

10809-11216' 230831 gals total fluid; 360119# sd

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 #130464 Verified by the BLM Well Information System.

For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/09/2012 (12JLH0445SE)

Name (please print) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/08/2012

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 **

Additional data for transaction #130464 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
10809 TO 11216		40	open
11349 TO 11756		40	open
11889 TO 12296		40	open
12429 TO 12836		40	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
10809 TO 11216	gal total fluids, 360119# sand
11349 TO 11756	gal total fluids, 339267# sand
11889 TO 12296	gal total fluids, 333763# sand
12429 TO 12836	gal total fluids, 334819# sand

32. Additional remarks, continued

11349-11756' 219039 gals total fluid; 339267# sd
11889-12296' 225320 gals total fluid; 333763# sd
12429-12836' 244643 gals total fluid; 334819# sd

logs mailed via overnight mail.