

HOBBS OCD

Form 3160-4
(August 2007)

UNITED STATES

OCD Hobbs

JAN 15 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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 OF** Contact: **TERRI STATHEM**
Email: **tstathem@cimarex.com**

3. Address **600 NORTH MARIENFELD STREET, SUITE 600** 3a. Phone No. (include area code)
MIDLAND, TX 79701 Ph: **918-295-1763**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 4 T26S R32E Mer NMP** **Unit A**
At top prod interval reported below
At total depth **SESE 338FSL 529FEL** **Unit P**

14. Date Spudded **03/25/2012** 15. Date T.D. Reached **05/16/2012** 16. Date Completed
☐ D & A ☒ Ready to Prod. **09/12/2012**

5. Lease Serial No. **NMNM0392082A**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **HALLERTAU 4 FEDERAL 8H**

9. API Well No. **30-025-40477-00-S1**

10. Field and Pool, or Exploratory **WILDCAT G08-32632** **Lower Bone Spring**

11. Sec., T., R., M., or Block and Survey or Area **Sec 4 T26S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

17. Elevations (DF, KB, RT, GL)* **3312 GL**

18. Total Depth: MD **15202** TVD **10720** 19. Plug Back T.D.: MD **15009** TVD

20. Depth Bridge Plug Set: MD **15009** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **DSNDLL**

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	48.0	0	1175		1235		0	
12.250	9.625 HCK-55		0	4532		1985		0	
7.875	5.500 P-110	17.0	0	15202		2870		488	

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	10421	10414						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10304	15045	10304 TO 15045	0.000	370	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10304 TO 15045	1856825 GALS TOTAL FLUID; 2627633# SAND

**RECLAMATION
DUE 3-12-13**

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
09/15/2012	10/26/2012	24	→	381.0	1463.0	395.0	40.1		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	350	840.0	→	381	1463	395	3840	POW	

GAS LIFT

ACCEPTED FOR RECORD

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	
			→						

JAN 12 2013

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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

ELECTRONIC SUBMISSION #167095 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED *****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.)
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	1286
				TOP OF SALT	1666
				DELAWARE	4541
				CHERRY CANYON	5539
				BRUSHY CANYON	7296
				BONE SPRING	8626
				1ST BONE SPRING	9596
				2ND BONE SPRING	10239

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

Gas Lift valves: 1884, 3280, 4147, 4946, 5643, 6343, 7038, 7738, 8435, 9133, 9800, 10235.

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 #167095 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 01/08/2013 (13KMS1634SE)

Name (please print) TERRI STATHEM

Title COORDINATOR REGULATORY COMPLIA

Signature (Electronic Submission)

Date 12/19/2012

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 ****