

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs **HOBBS OCD**

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

SEP 25 2013

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. NNM15906

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** Contact: **ARICKA EASTERLING**  
E-Mail: **aeasterling@cimarex.com**

8. Lease Name and Well No. **SNODDY FEDERAL 21H**

3. Address **202 S. CHEYENNE AVE, SUITE 1000 TULSA, OK 74103** 3a. Phone No. (include area code) **Ph: 918-560-7060**

9. API Well No. **30-025-40838**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NENE 768FNL 555FEL**  
At top prod interval reported below **NENE 768FNL 555FEL**  
At total depth **SESE 389FSL 503FEL 39 VS 50 3/8**

10. Field and Pool, or Exploratory **SALT LAKE; BONE SPRING**

11. Sec., T., R., M., or Block and Survey or Area **Sec 26 T20S R32E Mer**

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

14. Date Spudded **04/14/2013** 15. Date T.D. Reached **05/14/2013** 16. Date Completed  D & A  Ready to Prod. **07/08/2013**

17. Elevations (DF, KB, RT, GL)\* **3555 GL**

18. Total Depth: MD **13749** TVD **9953** 19. Plug Back T.D.: MD **13735** 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
20.000	16.000 K55	84.0	0	1290		1220		0	173
14.750	11.750 J55	54.0	0	3025		1400		0	471
10.625	8.625 K55	32.0	0	4650		900		0	113
7.875	5.500 P110	17.0	0	13749		1650		0	110

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	9095							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9900	13721	9900 TO 13721	0.420	336	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9900 TO 13721	1,476,667 GAL TOTAL FLUID & 2,399,352 # SAND

**DECLARATION**  
**DATE 1-8-14**

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
07/04/2013	07/21/2013	24	▶	657.0	1065.0	547.0	40.4		ELECTRIC PUMPING UNIT
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
10/64	SI 375	60.0	▶	657	1065	547	162	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	Thg. 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 #220510 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**ACCEPTED FOR RECORD**

**SEP 22 2013**  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

OCT 22 2013

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	Thg. 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	Thg. 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	1100
				TOP SALT	1450
				YATES	3050
				DELAWARE SANDS	4700
				BONE SPRING	7889
				1ST BONE SPRING	8959
				2ND BONE SPRING	9465
				3RD BONE SPRING	10520

32. Additional remarks (include plugging procedure):  
Logs will be sent via overnight mail to the Carlsbad, NM office.

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 #220510 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 09/19/2013 ()**

Name (please print) ARICKA EASTERLING Title REGULATORY ANALYST

Signature (Electronic Submission) Date 09/19/2013

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.

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