

UNITED STATES
DEPARTMENT OF THE INTERIOR **OCD Hobbs**
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM77053

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

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

Other

2. Name of Operator

COG Operating LLC

8. FARM OR LEASE NAME

Crazy Horse Federal Com #2H

3. Address

2208 W. Main Street
Artesia, NM 88210

JUL 07 2014

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-025-41390

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

At surface 1750' FNL & 420' FWL, Lot 2 (SWNW) of Sec 18-T19S-R32E

At top prod. Interval reported below

At total depth 1853' FNL & 336' FEL, Unit H (SENE) of Sec 18-T19S-R32E

10. FIELD NAME

Lusk; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 18 T 19S R 32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

14. Date Spudded

12/4/13

15. Date T.D. Reached

12/22/13

16. Date Completed

2/18/14

☐ D & A

☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*

3601'

GR

3619'

KB

18. Total Depth:

MD

13515'

TVD

9185'

19. Plug back T.D.:

MD

13513'

TVD

9185'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & other Logs Run (Submit a copy of each)

None

22. Was well cored?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☐ No

☒ Yes (Submit copy)

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 Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	840'		650 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4695'	2791'	1800 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13515'	None	2100 sx		0	None

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 7/8"	8723'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9437'	13460'	9437-13460'	0.43"	504	Open
B)						
C)						
D)						

26. Perforation Record

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

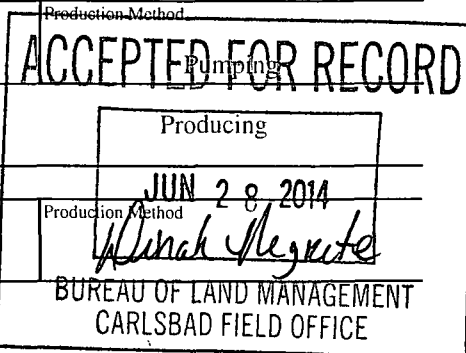
Depth Interval	Amount and Type of Material
See Attached	See Attached

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
2/19/14	2/27/14	24	→	552	427	1152		
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status
	150#	110#	→	552	427	1152		

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
			→					
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status
			→					



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28b. Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravitv	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 Gravitv	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
					Measured Depth
Delaware Bone Spring	4783'	6960'		Rustler	730'
	6961'	9185'		Top of Salt	832'
				Bottom of Salt	2329'
				Delaware	4783'
				Bone Spring Lm	6961'
				1st Bone Spring	8287'
				2nd Bone Spring	9156'
					TVD. 9185'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

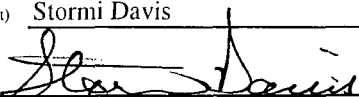
- ☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Surveys
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) Stormi Davis

Title Regulatory Analyst

Signature



Date 3/13/14

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.

CRAZY HORSE FEDERAL Com #2H**30-025-41390****Sec 18-T19S-R32E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13264-13460'	4998	456172	357924
12969-13170'	5964	450547	357378
12680-12871'	6486	486261	366912
12381-12570'	5982	450999	367542
12080-12283'	6090	451279	350112
11792-11988'	6048	455256	335706
11498-11694'	6066	446607	322140
11200-11399'	6384	448848	326214
10909-11105'	6048	403056	339486
10614-10820'	6024	445625	321720
10320-10516'	3276	439872	242256
10026-10222'	5982	438875	317184
9731-9928'	6024	441534	316428
9437-9633'	5999	441649	319200
Totals	81371	6256580	4640202