

HOBBS OCD

NMOCD
Hobbs

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FEB 09 2017

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMLC065710A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
891006783D

8. Lease Name and Well No.
LUSK DEEP UNIT A 31H

9. API Well No.
30-025-43124-00-S1

10. Field and Pool, or Exploratory
LUSK-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T19S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3591 GL

18. Total Depth: MD 14127 TVD 9344

19. Plug Back T.D.: MD 14106 TVD 9344

20. Depth Bridge Plug Set: MD TVD

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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
COG OPERATING LLC

Contact: STORMI DAVIS

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3a. Phone No. (include area code)
Ph: 575.748.6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 500FNL 190FEL
At top prod interval reported below NENE
At total depth NWNW 330FNL 50FWL

14. Date Spudded
07/03/2016

15. Date T.D. Reached
07/18/2016

16. Date Completed
 D & A Ready to Prod.
11/17/2016

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

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
17.500	13.375 J-55	54.5	0	900		740		0	
12.250	9.625 J-55	40.0	0	4316	2719	1930		0	
8.750	5.500 P-110	17.0	0	14127		2640		534	

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		8744						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9507	14060	9507 TO 14060	0.000	1116	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9507 TO 14060	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	Production Method
11/23/2016	11/24/2016	24	▶	137.0	105.0	1332.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	257	162.0	▶	137	105	1332		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

ACCEPTED FOR RECORD
DAVID R. GLASS
JAN 25 2017

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

ELECTRONIC SUBMISSION #361771 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

DAVID R. GLASS
PETROLEUM ENGINEER

Handwritten signature

RECLAMATION DUE:
MAY 17 2017

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
CHERRY CANYON	4680	5710		RUSTLER	834
BRUSHY CANYON	5711	7199		SALADO	918
BONE SPRING LIME	7200	8437		TANSILL	2478
BONE SPRING 1ST	8438	9161		YATES	2676
BONE SPRING 2ND	9162	9344		SEVEN RIVERS	2826
BONE SPRING	9507	14060		CAPITAN REEF	2956
				QUEEN	3832
				CHERRY CANYON	4680
				BRUSHY CANYON	5711
				BONE SPRING LIME	7200
				BONE SPRING 1ST	8438
				BONE SPRING 2ND	9027

32. Additional remarks (include plugging procedure):
Surveys & perms/stimulation are attached.

Additional Tops:
Brushy Canyon 5711'
Bone Spring Lm 7200'
1st Bone Spring 8438'
2nd Bone Spring 9027'

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 #361771 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/23/2017 (17JAS0162SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 12/21/2016

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 ****