

HOBBS OCD

NMOCD
Hobbs

Form 3160-4
(August 2007)

APR 10 2017

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM025566

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
COG OPERATING LLC
Contact: STORMI DAVIS

8. Lease Name and Well No.
LUSK DEEP UNIT A 33H

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287
3a. Phone No. (include area code)
Ph: 575.748.6946

9. API Well No.
30-025-43390-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 18 T19S R32E Mer NMP SESE 373FSL 1166FEL
At top prod interval reported below Sec 18 T19S R32E Mer NMP SESE
At total depth Sec 19 T19S R32E Mer NMP SWSE 50FSL 1822FEL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T19S R32E Mer NMP

12. County or Parish
LEA
13. State
NM

14. Date Spudded
08/31/2016
15. Date T.D. Reached
09/20/2016
16. Date Completed
 D & A Ready to Prod.
10/19/2016
17. Elevations (DF, KB, RT, GL)*
3585 GL

18. Total Depth: MD 14630 TVD 9274
19. Plug Back T.D.: MD 14380 TVD 9274
20. Depth Bridge Plug Set: MD 14380 TVD 9274

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	886		930		0	
12.250	9.625 J-55	40.0	0	4359	2775	2790		0	
8.750	5.500 P-110	17.0	0	14630		2150		270	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9483	14347	9483 TO 14347	0.000	1188	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9483 TO 14347	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
10/19/2016	10/22/2016	24	→	286.0	303.0	1288.0			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	
	420	200.0	→	286	303	1288		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
(ORIG. S.G.D.) DAVID R. GLASS
MAR 24 2017

DAVID R. GLASS

PETROLEUM ENGINEER

KZ

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #358520 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

RECLAMATION DUE:
APR 19 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	4623	5652	OIL/GAS/WATER	RUSTLER	711
BRUSHY CANYON	5653	7045		TANSILL	2435
BONE SPRING LIME	7046	8336		CAPITAN REEF	2965
BONE SPRING 1ST	8337	9026		QUEEN	3702
BONE SPRING 2ND	9027	9277		CHERRY CANYON	4623
BONE SPRING	9483	14347		BRUSHY CANYON	5653
				BONE SPRING LIME	7046
			BONE SPRING 1ST	8337	
			BONE SPRING 2ND	9027	

32. Additional remarks (include plugging procedure):

Surveys & perms/stimulation are attached.

Additional Tops:
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 #358520 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/13/2017 (17DW0014SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 11/21/2016

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 ****