

SEP 06 2016  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
HobbsFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM59045

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM1359008. Lease Name and Well No.  
SL EAST 30 FEDERAL COM 2H9. API Well No.  
30-025-42524-00-S110. Field and Pool, or Exploratory  
LUSK-BONE SPRING11. Sec., T., R., M., or Block and Survey  
or Area Sec 19 T19S R32E Mer NMP12. County or Parish  
LEA13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3562 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
COG OPERATING LLC

Contact: STORMI DAVIS

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-42873a. Phone No. (include area code)  
Ph: 575.748.6946

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

At surface SESE 520FSL 530FEL 32.640021 N Lat, 103.798165 W Lon

At top prod interval reported below

At total depth SESE 352FSL 362FEL

14. Date Spudded  
01/01/201615. Date T.D. Reached  
01/23/201616. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/20/201618. Total Depth: MD 14545  
TVD 932619. Plug Back T.D.: MD 14490  
TVD 932620. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE22. 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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J-55	106.5	0	895		1425		0	
17.500	13.375 J-55	61.0	0	2748		1950		0	
12.250	9.625 J-55	40.0	0	4420	2839	1400		0	
8.750	5.500 P-110	17.0	0	14540		2975		0	

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	8721							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10029	14450	10029 TO 14177	0.000	504	OPEN - Bone Spring
B)			14440 TO 14450		60	OPEN - Bone spring
C)						
D)						

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

Depth Interval	Amount and Type of Material
10029 TO 14177	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
03/09/2016	03/10/2016	24	→	514.0	157.0	1300.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 210 SI	Csg. Press. 80.0	24 Hr. Rate →	Oil BBL 514	Gas MCF 157	Water BBL 1300	Gas:Oil Ratio 305	Well Status 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	

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

ELECTRONIC SUBMISSION #335022 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

DAVID R. GLASS

PETROLEUM ENGINEER

RECLAMATION DUE:  
AUG 20 2016



## 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
DELAWARE	4481	4555		RUSTLER	760
CHERRY CANYON	4556	5569		SALADO	858
BRUSHY CANYON	5570	7109		TANSILL	2411
BONE SPRING LIME	7110	8379		YATES	2537
BONE SPRING 1ST	8380	9094		SEVEN RIVERS	2634
BONE SPRING 2ND	9095	9326		CAPITAN REEF	2822
				DELAWARE	4481
				CHERRY CANYON	4556
				BRUSHY CANYON	5570
				BONE SPRING LIME	7110
				BONE SPRING 1ST	8380
				BONE SPRING 2ND	9095

## 32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)  
 13390-14177 4788 451359 402360  
 13858-14071 3024 451571 373422  
 13539-13752 3024 454919 371784  
 13220-13433 3024 428722 370776  
 12901-13114 2982 453612 371532  
 12582-12790 3066 450647 370608  
 12269-12475 2262 454235 373548

## 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 #335022 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 06/02/2016 (16DMH0153SE)

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/30/2016

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 \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*