

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC065710A

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.  
LUSK DEEP UNIT A 35H

9. API Well No.  
30-025-42211-00-S1

10. Field and Pool, or Exploratory  
LUSK

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

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: 575.748.6000

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SENE 1980FNL 190FEL 32.647634 N Lat, 103.779893 W Lon  
At top prod interval reported below  
Sec 20 T19S R32E Mer NMP  
At total depth SWNW 1993FNL 341FWL

14. Date Spudded  
11/22/2014

15. Date T.D. Reached  
12/10/2014

16. Date Completed  
 D & A  Ready to Prod.  
01/23/2015

18. Total Depth: MD 13079 TVD 8544

19. Plug Back T.D.: MD 13076 TVD 8544

20. Depth Bridge Plug Set: MD TVD

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

MAR 17 2015  
RECEIVED

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
17.500	13.375 J55	54.5	0	900		725		0	
12.250	9.625 J55	36.0	0	4490	2779	2650		0	
8.750	5.500 P110	17.0	0	13079		2650		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	7921							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8729	12985	8729 TO 12923	0.000	504	OPEN (41440) BS
B)			12975 TO 12985		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8729 TO 12923	SEE IN REMARKS

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
01/27/2015	01/30/2015	24	→	620.0	0.0	1480.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		85.0	→	620	0	1480		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD  
MAR 13 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #293425 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

MAR 19 2015 JM

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	4677	7179		RUSTLER	819
BONE SPRING LIME	7179	8515		TOP OF SALT	894
BONE SPRING 1ST	8516	8552		BASE OF SALT	2356
				YATES	2617
				SEVEN RIVERS	2801
				CAPITAN REEF	2901
				QUEEN	3871
				DELAWARE	4677

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)  
 12718-12923 7704 450887 391885  
 12413-12618 6048 450391 373272  
 12106-12311 6006 449302 373170  
 11799-12004 6006 448135 371868  
 11492-11697 6090 450302 373842  
 11185-11392 6090 455870 374304  
 10878-11083 6048 451925 370734

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 #293425 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by LINDA JIMENEZ on 03/12/2015 (15LJ0710SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/02/2015

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 \*\***

**Additional data for transaction #293425 that would not fit on the form**

**32. Additional remarks, continued**

10571-10776 6762 449881 372330  
10264-10464 6048 451721 371572  
9957-10162 6006 452866 368277  
9650-9855 5982 451637 373104  
9343-9547 6132 460511 370398  
9035-9241 6006 451424 367738  
8729-8934 6024 451929 374263  
Totals 86951 6326781 5226756

**Additional Tops:**

Bone Spring Lm 7179  
1st Bone Spring 8516

Surveys are attached.