

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCDCopy  
FORM APPROVED  
OMB No. 1002-0177  
Expires 10/31/2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM01088		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			7. Unit or CA Agreement Name and No. 891006783D		
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701-4287			8. Lease Name and Well No. LUSK DEEP UNIT A 29H		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 17 T19S R32E Mer NMP NW1/4 355FNL 660FWL 32.666638 N Lat, 103.794360 W Lon			9. API Well No. 30-025-41563-00-S1		
At top prod interval reported below Sec 17 T19S R32E Mer NMP			10. Field and Pool, or Exploratory LUSK		
At total depth SWSW 331FSL 664FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T19S R32E Mer NMP		
14. Date Spudded 01/17/2014		15. Date T.D. Reached 02/19/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/23/2014		17. Elevations (DF, KB, RT, GL)* 3609 GL
18. Total Depth: MD TVD 12864 8415		19. Plug Back T.D.: MD TVD 12819 8415		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SEE ATTACHED				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	940		775		0	
12.250	9.625 J55	36.0	0	4457	2790	2175		0	
7.875	7.000 P110	29.0	0	8563					
6.125	4.500 P110	11.6	7776	12864		275		7130	

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	7675							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8559	12800	8559 TO 12715	0.000	506	OPEN
B)			12790 TO 12800		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8559 TO 12715	SEE IN REMARKS

28. Production - Interval A

Date First Produced 06/24/2014	Test Date 06/27/2014	Hours Tested 24	Test Production →	Oil BBL 362.0	Gas MCF 313.0	Water BBL 1938.0	Oil Gravity Corr. API	Gas Gravity	Production Method ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI 390	Csg. Press. 180.0	24 Hr. Rate →	Oil BBL 362	Gas MCF 313	Water BBL 1938	Gas:Oil Ratio	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	
			→						

ACCEPTED FOR RECORD  
FEB 11 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #281434 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Date: 12/24/2014

FEB 18 2015

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	4648	5511		RUSTLER	834
BRUSHY CANYON	5512	6991		TOP OF SALT	929
BONE SPRING LIME	6992	8288		BASE OF SALT	2410
BONE SPRING 1ST	8289	9080		YATES	2665
BONE SPRING 2ND	9081	9244		SEVEN RIVERS	2877
				CAPTAN REEF	2957
				QUEEN	3701
				CHERRY CANYON	4648

32. Additional remarks (include plugging procedure):  
 Perfs 7 1/2" Sand (#) Fluid (gal)  
 12425-12715' 3024 307225 272538  
 12038-12328' 6090 304687 285768  
 11652-11936' 5964 300231 298436  
 11265-11555' 6048 301745 289674  
 10879-11169' 6024 301035 283938  
 10492-10782' 6024 304736 287676  
 10100-10395' 6024 301837 282972

33. Circle enclosed attachments:  
 1. Electrical/Mechanical Logs (I 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 #281434 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by LINDA JIMENEZ on 01/16/2015 (15LJ0458SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 11/24/2014

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 \*\***

**Additional data for transaction #281434 that would not fit on the form**

**32. Additional remarks, continued**

9719-10009' 6006 303582 283038  
9332-9616' 5964 299480 283290  
8946-9236' 5982 301243 282132  
8559-8849' 6090 308983 283138  
Totals 63239 3334784 3132598

**Additional Tops:**

Brushy Canyon 5512'  
Bone Spring Lm 6992'  
1st Bone Spring 8289'  
2nd Bone Spring 9081'

Surveys and logs are attached.

This is the completion for the upper lateral of this dual-lateral well. The completion for the lower lateral will follow.