

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD Copy

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

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 32H

9. API Well No. 30-025-42210-00-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

14. Date Spudded 12/17/2014 15. Date T.D. Reached 01/02/2015 16. Date Completed  D & A  Ready to Prod. 03/03/2015 17. Elevations (DF, KB, RT, GL)\* 3573 GL

18. Total Depth: MD 13601 TVD 9295 19. Plug Back T.D.: MD 13550 TVD 9295 20. Depth Bridge Plug Set: MD 13550 TVD 9295

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	900		750		0	
12.250	9.625 J55	36.0	0	4280	2697	2225		0	
8.750	5.500 P110	17.0	0	13601		2750		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	8734							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9443	13510	9443 TO 13450	0.000	504	OPEN(41440) BS
B)			13500 TO 13510		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9443 TO 13450	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
03/08/2015	03/11/2015	24	▶	510.0	123.0	1741.0			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	400	150.0	▶	510	123	1741		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			▶						

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

ELECTRONIC SUBMISSION #295154 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

Reclamation Due: 9/11/2015

MAR 26 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
DELAWARE	4629	7159		RUSTLER	743
BONE SPRING LIME	7160	8406		TOP OF SALT	831
BONE SPRING 1ST	8407	9107		BASE OF SALT	2493
BONE SPRING 2ND	9108	9298		YATES	2525
				SEVEN RIVERS	2647
				CAPITAN REEF	2817
				DELAWARE	4629
				BONE SPRING LIME	7160

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)  
 13255-13450 7098 453383 393372  
 12961-13157 6048 447432 373716  
 12668-12864 6048 451295 372540  
 12375-12570 6006 450640 373128  
 12082-12322 6048 449808 370860  
 11789-11984 6048 451011 372708  
 11495-11691 6048 453994 372876

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 #295154 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by LINDA JIMENEZ on 03/17/2015 (15LJ0779SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/17/2015

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.

**Additional data for transaction #295154 that would not fit on the form**

**32. Additional remarks, continued**

11202-11398 5982 449922 370836  
10909-11104 6216 450435 368802  
10616-10811 6024 455705 372768  
10323-10518 6132 450885 368886  
10029-10225 5964 451318 369726  
9736-9932 6048 446895 366660  
9443-9638 6048 475314 373002  
Totals 85757 6338037 5219879

**Additional Tops:**

1st Bone Spring 8407  
2nd Bone Spring 9108

Surveys attached.