

**HOBBS**  
FEB 09 2017  
RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC029519A

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. **MAS FEDERAL 3H**

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. **30-025-42950-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NWNE 190FNL 2310FEL**  
 At top prod interval reported below **NWNE**  
 At total depth **SWSE 330FSL 1980FEL**

10. Field and Pool, or Exploratory **BERRY-BONE SPRING, NORTH**  
 11. Sec., T., R., M., or Block and Survey or Area **Sec 34 T20S R34E Mer NMP**  
 12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **11/29/2015** 15. Date T.D. Reached **12/23/2015** 16. Date Completed  D & A  Ready to Prod. **11/15/2016**  
 17. Elevations (DF, KB, RT, GL)\* **3717 GL**

18. Total Depth: MD **15772** TVD **11318** 19. Plug Back T.D.: MD **15705** TVD **11317** 20. Depth Bridge Plug Set: MD **TVD**

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	1687		1150		0	
12.250	9.625 J-55	40.0	0	5782	3508	1450		0	
8.750	5.500 P-110	17.0	0	15753		2450		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	10674	10664						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 3RD	11376	15665	11376 TO 15605	0.000	1144	OPEN
B)			15655 TO 15665		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11376 TO 15605	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
11/16/2016	11/18/2016	24	→	279.0	603.0	1642.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	2650	410.0	→	279	603	1642		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  
/S/ DAVID R. GLASS  
JAN 25 2017

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

ELECTRONIC SUBMISSION #360876 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

**RECLAMATION DUE:  
MAY 15 2017**

*[Handwritten Signature]*

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.)

FLARED

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	5787	6748		RUSTLER	1593
BRUSHY CANYON	6749	8599		TOP OF SALT	1725
BONE SPRING LIME	8600	9699		BASE OF SALT	3351
BONE SPRING 1ST	9700	10191		CHERRY CANYON	5787
BONE SPRING 2ND	10192	11098		BRUSHY CANYON	6749
BONE SPRING 3RD	11376	15665		BONE SPRING LIME	8600
				BONE SPRING 1ST	9700
				BONE SPRING 2ND	10192
				BONE SPRING 3RD	11099

32. Additional remarks (include plugging procedure):

Surveys & perfs/stimulation are attached.

Additional Tops:  
3rd Bone Spring 11099'

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 #360876 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/23/2017 (17JAS0163SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 12/14/2016

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 \*\***