

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.  
NMNM123528

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: 575.748.6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NWNE 190FNL 1770FEL 32.224178 N Lat, 103.505738 W Lon  
At top prod interval reported below  
Sec 18 T24S R34E Mer NMP  
At total depth SWSE 354FSL 1752FEL

5. Date T.D. Reached 08/25/2014 16. Date Completed 10/13/2014  
☐ D & A ☒ Ready to Prod.

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No.  
SEBASTIAN FEDERAL COM 3H  
9. API Well No.  
30-025-41688-00-S1  
10. Field and Pool, or Exploratory  
RED HILLS Bone Spring North  
11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T24S R34E Mer NMP  
12. County or Parish LEA 13. State NM  
17. Elevations (DF, KB, RT, GL)\*  
3583 GL

18. Total Depth: MD 15469 TVD 11055 19. Plug Back T.D.: MD 15395 TVD 11052 20. Depth Bridge Plug Set: MD 15395 TVD 11052

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	1375		1050		0	
12.250	9.625 J55	40.0	0	5169		1450		0	
7.875	5.500 P110	17.0	0	15457	6801	3250		1430	

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	10387	10377						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11154	15365	11154 TO 15365	0.000	396	OPEN - SEE REMARKS BS (96434)
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11154 TO 15365	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
10/16/2014	10/26/2014	24	→	780.0	792.0	1657.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	210		→	780	792	1657		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 #275099 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

NOV 17 2014

Reclamation Date

4/16/2015

DEC 02 2014

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	5164	5185		RUSTLER	1221
BELL CANYON	5186	6156		TOP OF SALT	1322
CHERRY CANYON	6157	7497		BASE OF SALT	4901
BRUSHY CANYON	7498	8895		DELAWARE	5164
BONE SPRING LIME	8896	9962		BELL CANYON	5186
1ST BONE SPRING	9963	10404		CHERRY CANYON	6157
2ND BONE SPRING	10405	11055		BRUSHY CANYON	7498
				BONE SPRING LIME	8896

32. Additional remarks (include plugging procedure):  
Perfs 7 1/2%(Gal) Sand(%) Fluid(Gal)  
15102-15365' 4618 597334 655074  
14707-14970' 6321 601067 436926  
14312-14575' 6497 601155 419202  
13917-14181' 6008 600310 427308  
13523-13786' 5951 597687 424494  
13128-13391' 6001 597390 419748  
12733-12996' 5998 600855 422688

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 #275099 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by LINDA JIMENEZ on 11/04/2014 (15LJ0203SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/31/2014

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 \*\***

**Additional data for transaction #275099 that would not fit on the form**

**32. Additional remarks, continued**

12338-12602' 6063 601370 421638  
11944-12207' 5974 602671 420588  
11549-11812' 5980 602671 420168  
11154-11417' 5363 443390 419076  
Totals 64774 6445900 4886910

Additional tops:  
1st Bone Spring 9963  
2nd Bone Spring 10405