

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

"AMENDED"

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNNM12559

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG PRODUCTION LLC			8. Lease Name and Well No. COTTONMOUTH 24 FEDERAL COM 1H		
3. Address 2208 W MAIN ST ARTESIA, NM 88210			9. API Well No. 30-015-38507		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 24 T26S R28E Mer NMP SWSW 105FSL 745FWL At top prod interval reported below Sec 24 T26S R28E Mer NMP At total depth NWNW 340FNL 760FWL			10. Field and Pool, or Exploratory TECOLOTE PEAK; DELAWARE		
			11. Sec., T., R., M., or Block and Survey or Area Sec 24 T26S R28E Mer NMP		
			12. County or Parish EDDY		
			13. State NM		
14. Date Spudded 12/11/2013		15. Date T.D. Reached 01/08/2014		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/11/2014	
17. Elevations (DF, KB, RT, GL)* 2961 GL		18. Total Depth: MD 11029 TVD 6257		19. Plug Back T.D.: MD 11015 TVD 6257	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			
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	48.0	0	484		825		0	
12.250	9.625 J55	36.0	0	2570		875		0	
7.875	5.500 P110	17.0	0	11018		1750		910	

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	5763							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	6534	10964	6534 TO 10964	0.430	414	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6534 TO 10964	SEE IN REMARKS

Pending BLM approvals will  
subsequently be reviewed  
and scanned *RED*

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
02/28/2014	03/09/2014	24	→	372.0	500.0	1736.0		
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	120	90.0	→	372	500	1736		POW

NM OIL CONSERVATION

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
			→					
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

Production Method ARTESIA DISTRICT

MAR 19 2015

RECEIVED

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

ELECTRONIC SUBMISSION #293755 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 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
DELAWARE	2640	6331		RUSTLER	426
BONE SPRING LM	6332	7210		TOS	900
1ST BONE SPRING	7211	7638		BOS	2449
2ND BONE SPRING	7639	9048		DELAWARE	2640
3RD BONE SPRING	9049	9408		BONE SPRING LM	6332
WOLFCAMP	9409	9600		1ST BONE SPRING	7211
				2ND BONE SPRING	7639
				3RD BONE SPRING	9049

## 32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(%) Fluid(Gal)  
 10584-10964' 3024 281890 231462  
 10078-10458' 6132 283489 243894  
 9572-9951' 5964 282237 236586  
 9065-9445' 6006 283159 237888  
 8549-8939' 6006 283878 229404  
 8053-8433' 6006 280422 235284  
 7547-7926' 5964 293442 323316

## 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 #293755 Verified by the BLM Well Information System.  
 For COG PRODUCTION LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/04/2015

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.

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**Additional data for transaction #293755 that would not fit on the form**

**32. Additional remarks, continued**

7040-7420' 6174 280322 233016  
6534-6914' 6048 303380 243012  
Totals 51324 2572219 2213862

Additional Tops:  
Wolfcamp 9409'

This completion is an amendment to correct Item #42. Original was submitted 4/3/14.