

NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 12 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM67106

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM124833		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. HOOFPRIENT FEDERAL COM 1H		
3. Address 2208 W MAIN ST ARTESIA, NM 88210			9. API Well No. 30-015-41620		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 12 T24S R31E Mer NMP SWSW 330FSL 430FWL At top prod interval reported below At total depth Sec 12 T24S R31E Mer NMP NWNW 354FNL 391FWL			10. Field and Pool, or Exploratory MESA VERDE; DELAWARE		
14. Date Spudded 10/25/2014			15. Date T.D. Reached 11/14/2014		
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/13/2015			17. Elevations (DF, KB, RT, GL)* 3560 GL		
18. Total Depth: MD 12739 TVD 8295		19. Plug Back T.D.: MD 12675 TVD 8295		20. Depth Bridge Plug Set: MD 12675 TVD 8295	
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	861		800		0	
12.250	9.625 J55	36.0	0	4592		1500		0	
7.875	5.500 P110	17.0	0	12717		1675		2050	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	8461	12610	8461 TO 12610	0.430	621	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8461 TO 12610	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
01/14/2015	01/26/2015	24	→	312.0	385.0	2472.0			ELECTRIC PUMP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	150	150.0	→	312	385	2472		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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #290906 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record
NMOC
2/24/15

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
LAMAR	4547	4588		RUSTLER	779
BELL CANYON	4589	5459		TOS	1113
CHERRY CANYON	5460	6728		BOS	4321
BRUSHY CANYON	6729	8329		LAMAR	4547
				BELL CANYON	4589
				CHERRY CANYON	5460
				BRUSHY CANYON	6729

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12351-12610' 1512 250745 202356
 12174-12293' 3012 251695 217968
 11998-12110' 3024 252475 213512
 11821-11939' 3012 249615 213605
 11644-11762' 3486 251152 214730
 11468-11586' 2970 250315 213148
 11284-11407' 2970 249796 213180

RED 2/24/15
 Accepted for record
 NMOC

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 #290906 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVISTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 02/09/2015

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 #290906 that would not fit on the form

32. Additional remarks, continued

11115-11232' 3000 248813 212694
10938-11056' 3024 248379 212184
10761-10879' 3000 250663 210361
10585-10702' 2970 250298 214230
10408-10526' 3024 249739 215082
10235-10349' 2970 251307 212842
10055-10172' 2970 249084 210013
9878-9998' 3066 250300 210826
9703-9819' 3000 250014 210779
9525-9643' 3180 250051 210156
9342-9466' 2970 250036 208375
9171-9289' 2970 248787 209526
8995-9113' 3012 250341 211038
8818-8936' 3264 250194 208480
8642-8759' 3054 250002 211080
8461-8583' 3054 250283 207338
Totals 6510 5754084 4863502

Surveys are attached.