

NM OIL CONSERVATION

ARTESIA DISTRICT

0006Artesia

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

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.		
2. Name of Operator COG PRODUCTION LLC			8. Lease Name and Well No. CABO WABO 24 FEDERAL 5H		
3. Address 2208 W MAIN ST ARTESIA, NM 88210			9. API Well No. 30-015-42482		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 24 T25S R29E Mer NMP At surface SWSW 190FSL 660FWL At top prod interval reported below Sec 24 T25S R29E Mer NMP At total depth NWNW 365FNL 652FWL			10. Field and Pool, or Exploratory WILLOW LAKE; BONE SPRING		
14. Date Spudded 11/19/2014			15. Date T.D. Reached 12/05/2014		
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/29/2015			17. Elevations (DF, KB, RT, GL)* 3083 GL		
18. Total Depth: MD 12448 TVD 7868		19. Plug Back T.D.: MD 12375 TVD 7872		20. Depth Bridge Plug Set: MD 12375 TVD 7872	
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	755		680		0	
12.250	9.625 J55	36.0	0	3289		1522		0	
7.875	5.500 P110	17.0	0	12430		1700		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	8009	7285						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8047	12335	8047 TO 12275	0.430	1008	OPEN
B)			12325 TO 12335		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8047 TO 12275	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
02/04/2015	03/22/2015	24	→	48.0	0.0	2199.0		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI	3500	70.0	→	48	0	2199		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
			→					
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

ELECTRIC PUMP SUB-SURFACE

JUL 24 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #295918 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 9/22/15

AB

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	3268	3309		RUSTLER	752
BELL CANYON	3310	4214		TOS	1193
CHERRY CANYON	4215	5528		BOS	3056
BRUSHY CANYON	5529	7078		LAMAR	3268
BONE SPRING LM	7079	7888		BELL CANYON	3310
				CHERRY CANYON	4215
				BRUSHY CANYON	5529
				BONE SPRING LM	7079

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)

12173-12275 4368 246019 271320

12020-12122 3024 246362 248052

11867-11969 3066 245298 246540

11715-11817 3024 245279 247828

11562-11664 3024 245681 287330

11409-11511 3024 247368 245584

11256-11358 2982 247671 244944

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 #295918 Verified by the BLM Well Information System.

For COG PRODUCTION LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 06/13/2015 ()

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/24/2015

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #295918 that would not fit on the form

32. Additional remarks, continued

11103-11205 3024 244175 245238
10951-11052 3024 246714 244692
10798-10900 2982 247698 243570
10645-10737 3024 247887 244056
10492-10594 3024 248529 247396
10339-10441 3024 246474 244932
10190-10288 3024 246326 241122
10034-10136 2982 246006 241362
9881-9983 2982 244939 245378
9732-9830 3066 244517 241464
9575-9677 3024 250428 242634
9422-9517 3024 245692 241248
9277-9361 2982 246012 241626
9117-9219 3024 246772 240660
8964-9066 3024 247931 238372
8811-8913 3024 247931 240954
8658-8752 3024 247329 238938
8505-8597 3066 244375 237594
8353-8454 3024 246717 249270
8200-8300 3024 246543 237636
8047-8149 3024 240444 235558
Totals 85932 6897117 6875297

Surveys attached.