

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMOC D Copy

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 PRODUCTION LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com

3. Address: 2208 W MAIN STREET ARTESIA, NM 88210 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: Sec 32 T24S R32E Mer NMP NWNE 190FNL 2370FEL 32.180529 N Lat, 103.695333 W Lon
 At top prod interval reported below: Sec 29 T24S R32E Mer NMP
 At total depth: Sec 29 T24S R32E Mer NMP NWNE 374FNL 2155FEL

5. Lease Serial No. NMNM120908
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. CORVO FEDERAL 2H
 9. API Well No. 30-025-41910-00-S1
 10. Field and Pool, or Exploratory PADUCA Delaware North
 11. Sec., T., R., M., or Block and Survey or Area Sec 32 T24S R32E Mer NMP
 12. County or Parish LEA 13. State NM
 14. Date Spudded 08/17/2014 15. Date T.D. Reached 09/07/2014 16. Date Completed D & A Ready to Prod. 12/13/2014
 17. Elevations (DF, KB, RT, GL)* 3492 GL
 18. Total Depth: MD 13321 TVD 8464 19. Plug Back T.D.: MD 13250 TVD 8468 20. Depth Bridge Plug Set: MD 13250 TVD 8468
 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 J55	54.5	0	829		1090		0	
12.250	9.625 J55	36.0	0	4542		1500		0	
7.875	5.500 P110	17.0	0	13303		2050		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	7909							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE NORTH	8768	13250	8768 TO 13250	0.000	324	OPEN (49490) Delaware N
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8768 TO 13250	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
12/16/2014	12/28/2014	24	→	575.0	767.0	1638.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	290	190.0	→	575	767	1638		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
			→						BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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
FEB 12 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #287970 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **

Reclamation Date 4/28/2015

FEB 18 2015 *jm*

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	4610	4642		RUSTLER	842
BELL CANYON	4643	5541		TOP OF SALT	1102
CHERRY CANYON	5542	6948		BASE OF SALT	4384
BRUSHY CANYON	6949	8472		DELAWARE	4610
				BELL CANYON	4643
				CHERRY CANYON	5542
				BRUSHY CANYON	6949

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12994-13250' 2982 198706 423407
 12610-12866' 5982 200264 225439
 12220-12487' 6024 199617 207624
 11841-12097' 6066 200398 194994
 11460-11713' 6006 201901 192948
 11073-11329' 6066 198765 188262
 10689-10945' 6024 200183 187473

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 #287970 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Hobbs
 Committed to AFMSS for processing by LINDA JIMENEZ on 01/21/2015 (15LJ0537SE)

Name (please print) STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 01/14/2015

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.

**** REVISED ** REVISED ****

Additional data for transaction #287970 that would not fit on the form

32. Additional remarks, continued

10305-10561' 6108 199487 186359
9921-10182' 6066 200961 187128
9530-9792' 5982 204284 190636
9152-9408' 6006 201248 191091
8768-9024' 6108 201010 188177
Totals 69417 2406824 2563537

Surveys are attached.