

NMOC Copy

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM120908

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **COG PRODUCTION LLC** Contact: **STORMI DAVIS**
E-Mail: **sdavis@concho.com**

8. Lease Name and Well No.
CORVO FEDERAL 4H

3. Address **2208 W MAIN STREET ARTESIA, NM 88210** 3a. Phone No. (include area code) **575-748-6946**
Ph: 575-748-6946

9. API Well No.
30-025-41912-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Sec 29 T24S R32E Mer NMP SWSW 190FSL 560FWL 32.181539 N Lat, 103.702936 W Lon**
 At top prod interval reported below
 At total depth **Sec 29 T24S R32E Mer NMP NWNW 350FNL 524FWL**

10. Field and Pool, or Exploratory
PADUCA Delaware North

11. Sec., T., R., M., or Block and Survey or Area **Sec 29 T24S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **09/12/2014** 15. Date T.D. Reached **09/30/2014** 16. Date Completed **12/14/2014**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
3502 GL

18. Total Depth: MD **12886** TVD **8439** 19. Plug Back T.D.: MD **12800** TVD **8439** 20. Depth Bridge Plug Set: MD **12800** TVD **8439**

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	811		640		0	
12.250	9.625 J55	36.0	0	4518		1350		0	
7.875	5.500 P110	17.0	0	12853		1925		1610	

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	7922							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE NORTH	8674	12800	8674 TO 12800	0.000	621	OPEN (49490) Delaware N
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8674 TO 12800	SEE IN REMARKS

ACCEPTED FOR RECORD
FEB 12 2015
[Signature]
BUREAU OF LAND MANAGEMENT
CARLSBAD SITE SURFACE F

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
12/17/2014	01/10/2015	24	▶	441.0	454.0	1354.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	350	225.0	▶	441	454	1354		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 #289334 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Date: 10/17/2015

FEB 18 2015 *AM*

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	4581	4620		RUSTLER	718
BELL CANYON	4621	5516		TOP OF SALT	1051
CHERRY CANYON	5517	6940		BASE OF SALT	4344
BRUSHY CANYON	6941	8439		DELAWARE	4581
				BELL CANYON	4621
				CHERRY CANYON	5517
				BRUSHY CANYON	6941

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12679-12800' 1512 253350 204059
 12377-12497' 7674 250767 269937
 12199-12316' 3024 248288 213512
 12022-12140' 3024 247614 212037
 11846-11964' 3012 249423 214429
 11674-11787' 3024 248348 209768
 11494-11605' 3054 249192 213723

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 #289334 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 01/30/2015 (15LJ0587SE)

Name (please print) STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 01/26/2015

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 #289334 that would not fit on the form

32. Additional remarks, continued

11317-11435' 3012 247070 212928
11141-11259' 2970 250120 213348
10965-11082' 3000 250076 211891
10787-10906' 3096 249164 214689
10616-10730' 3000 249516 224477
10436-10554' 3012 250726 214314
10260-10378' 3054 249852 208954
10084-10196' 3096 250820 208596
9908-10026' 3012 250043 208770
9731-9849' 3000 248632 210835
9555-9673' 3012 248930 209651
9379-9496' 3000 249764 209759
9203-9320' 2886 250495 209663
9027-9144' 2970 251018 207204
8850-8968' 3012 247897 205225
8674-8791' 3012 254582 208434
Totals 72464 5745687 4916201

Surveys are attached.