

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMNM120908		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG PRODUCTION LLC			7. Unit or CA Agreement Name and No.		
Contact: STORMI DAVIS E-Mail: sdavis@concho.com			8. Lease Name and Well No. WINDWARD FEDERAL 2H		
3. Address 2208 W MAIN STREET ARTESIA, NM 88210			9. API Well No. 30-025-41408-00-S1		
3a. Phone No. (include area code) Ph: 575-748-6946			10. Field and Pool, or Exploratory WC-025 G06 S253206M		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 30 T24S R32E Mer NMP At surface NENW 190FNL 1750FWL 32.194963 N Lat, 103.716836 W Lon At top prod interval reported below Sec 31 T24S R32E Mer NMP At total depth SESW 270FSL 2373FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 30 T24S R32E Mer NMP		
14. Date Spudded 01/23/2014			15. Date T.D. Reached 03/05/2014		
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/09/2014			17. Elevations (DF, KB, RT, GL)* 3544 GL		
18. Total Depth: MD 20405 TVD 10442			19. Plug Back T.D.: MD 20354 TVD 10442		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL LATEROLOG		
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	803		650		0	
12.250	9.625 J55	40.0	0	4547		1850		0	
8.750	5.500 P110	17.0	0	20401	7001	4350		1650	

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	10013	9996						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10815	20300	10815 TO 20300	0.000	864	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10815 TO 20300	141372 GAL 7 1/2% ACID; 8100832# SAND; 5998188 GAL FLUID

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
04/10/2014	04/25/2014	24	→	1052.0	1000.0	1942.0			
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
S1	400		→	1052	1000	1942		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	Thg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
S1			→						

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

ELECTRONIC SUBMISSION #245972 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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	Thg. 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	Thg. 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
				RUSTLER	774
				TOP OF SALT	1099
				BASE OF SALT	4337
				DELAWARE	4563
				BONE SPRING LIME	8459
				1ST BONE SPRING	9594
				2ND BONE SPRING	9824
				3RD BONE SPRING	10919

32. Additional remarks (include plugging procedure):

Surveys & detailed perforation/stimulation info attached.

Logs will be delivered to the BLM office 5/16/14.

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 #245972 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 06/11/2014 (14LJ0292SE)

Name(please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 05/16/2014

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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WINWARD FEDERAL #2H

30-025-41408

Sec 30-T24S-R32E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
20033-20300'	3024	310437	250740
19632-19899'	6006	300474	237552
19231-19498'	5964	303182	232554
18830-19098'	5964	302530	221634
18430-18697'	8988	299979	231210
18029-18296'	5208	302660	208782
17628-17895'	5040	302760	210504
17227-17495'	4956	301008	206178
16827-17094'	5964	300806	258300
16426-16693'	6006	301107	259476
16025-16292'	9030	596373	519414
15624-15891'	5964	600048	481740
15224-15491'	5964	598496	479346
14823-15090'	5040	300709	203532
14422-14689'	5040	299794	202062
14021-14288'	5040	303581	203952
13620-13888'	6048	305386	197316
13220-13487'	6048	304549	200046
12819-13086'	6048	298991	198954
12418-12685'	6006	306192	197946
12017-12285'	6006	301246	197652
11617-11884'	6048	302491	209664
11216-11483'	5964	296888	195972
10815-11082'	6006	261145	193662
Totals	141372	8100832	5998188