

AUG 10 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM120895

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 LLCContact: STORMI DAVIS
E-Mail: sdavis@concho.com8. Lease Name and Well No.
PATRON 23 FEDERAL 2H3. Address 2208 W MAIN ST
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-69469. API Well No.
30-015-42449

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 23 T25S R29E Mer NMP
At surface NENW 322FNL 2085FWL10. Field and Pool, or Exploratory
WILLOW LAKE; BONE SPRING

At top prod interval reported below

Sec 23 T25S R29E Mer NMP
At total depth SESW 365FSL 1991FWL11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T25S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
12/11/201415. Date T.D. Reached
01/10/201516. Date Completed
☐ D & A ☒ Ready to Prod.
04/16/201517. Elevations (DF, KB, RT, GL)*
3113 GL18. Total Depth: MD 12215
TVD 782819. Plug Back T.D.: MD 12135
TVD 782620. Depth Bridge Plug Set: MD 12135
TVD 782621. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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	854		850		0	
12.250	9.625 J55	36.0	0	3267	950	4377		0	
7.875	5.500 P110	17.0	0	12190		1675		750	

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	7295							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7977	12095	7977 TO 12035	0.430	972	OPEN
B)			12085 TO 12095		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
7977 TO 12035	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
04/30/2015	05/20/2015	24	→	512.0	2100.0	2350.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	600		→	512	2100	2350		POW	

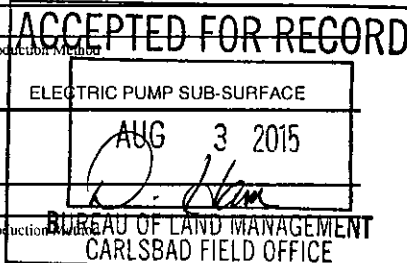
28a. Production - Interval B

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 #302500 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 11/20/15

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	3272	3309		RUSTLER	681
BELL CANYON	3310	4172		TOS	1244
CHERRY CANYON	4173	5442		BOS	3083
BRUSHY CANYON	5443	7045		LAMAR	3272
BONE SPRING LM	7046	7846		BELL CANYON	3310
				CHERRY CANYON	4173
				BRUSHY CANYON	5443
				BONE SPRING LM	7046

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 11934-12035 4032 247847 269682
 11781-11883 3024 248209 325942
 11629-11707 4536 244231 263130
 11482-11578 3024 244245 243726
 11327-11426 3024 245664 246142
 11174-11274 3024 250173 244902
 11021-11122 3024 247925 242634

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 #302500 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 06/15/2015 ()

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/21/2015

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 #302500 that would not fit on the form

32. Additional remarks, continued

10868-10970 4512 248419 247314
10716-10822 3066 246092 245784
10564-10665 3066 245660 245322
10412-10516 3066 248755 254058
10260-10361 3024 9105 135366
10107-10207 3108 247372 256620
9955-10057 3066 244971 247044
9808-9905 3066 245440 243264
9651-9752 3066 245952 242172
9499-9600 3108 247349 242004
9347-9448 3024 247276 241584
9194-9296 3024 246180 248682
9042-9142 2982 244194 285222
8890-8991 3024 248947 245238
8738-8839 3234 242869 241668
8586-8687 3822 250106 258510
8434-8530 3024 245875 239694
8287-8383 3024 245303 244272
8129-8231 3318 247486 241080
7977-8078 3024 245000 245616
Totals 87336 6420645 6686671

Surveys are attached.