NM OIL CONSERVATION
ARTESIA DISTRICT
NMOCD
MAR 29 2016
Artesia
RECEIVED

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 LOG

5. Lease Serial No. NMNM100342

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

8. Lease Name and Well No.: AIRBUS 12 FEDERAL 3H

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

9. API Well No.: 30-015-42412

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 12 T19S R31E Mer NMP SESW 190FSL 1980FWL
At top prod interval reported below: Sec 12 T19S R31E Mer
At total depth: Sec 12 T19S R31E Mer NMP NENW 341FNL 1967FWL

10. Field and Pool, or Exploratory: GREENWOOD; BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area: Sec 12 T19S R31E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 06/29/2015
15. Date T.D. Reached: 07/15/2015
16. Date Completed: ☐ D & A ☒ Ready to Prod. 08/24/2015
17. Elevations (DF, KB, RT, GL)*: 3601 GL

18. Total Depth: MD 13672 TVD 8999
19. Plug Back T.D.: MD 13539 TVD 9004
20. Depth Bridge Plug Set: MD 13539 TVD 9004

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	800		675		0	
12.250	9.625 J55	36.0	0	4465	2760	1675		0	
8.750	5.500 P110	17.0	0	13632		2750		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	8675							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9280	13528	9280 TO 13528	0.430	540	OPEN
B)				13600 TO 13610		60	UNDER CBP
C)							
D)							

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

Depth Interval	Amount and Type of Material
9280 TO 13528	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
09/20/2015	09/24/2015	24	→	279.0	244.0	1726.0			ELECTRIC PUMP SUBSURFACE
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
			→	279	244	1726		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**	
			→						

ACCEPTED FOR RECORD
MAR 21 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #317850 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Reclamation was due: 03/20/15

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
DELAWARE	4450	6885		RUSTLER	690
BONE SPRING LM	6886	8226		TOS	778
1ST BONE SPRING	8227	9011		TANSILL	2375
2ND BONE SPRING	9012	9136		YATES	2587
				SEVEN RIVERS	2717
				CAPITAN	2844
				QUEEN	3645
				DELAWARE	4450

32. Additional remarks (include plugging procedure):
Perfs 7 1/2% Acid Sand(#) Fluid (Gal)
13385-13528 1554 454197 357336
13094-13286 3012 582800 643116
12799-12994 3990 449853 419538
12505-12700 3012 455881 381012
12212-12406 3108 447196 385812
11919-12110 3024 445776 368676
11625-11816 3024 451995 384384

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 #317850 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/22/2015 ()

Name *(please print)* STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 09/28/2015

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 fradulent statements or representations as to any matter within its jurisdiction.

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

Additional data for transaction #317850 that would not fit on the form

32. Additional remarks, continued

11332-11523 3054 767969 700680
11039-11237 3012 449949 368412
10746-10944 3000 449968 367770
10453-10649 3180 454506 381684
10160-10357 3024 450501 366954
9866-10066 3012 447757 364590
9573-9772 3012 446540 380760
9280-9476 5040 430754 363216
Totals 47058 7185642 6233939

Additional tops:
Bone Spring Lm: 6886
1st Bone Spring: 8227
2nd Bone Spring: 9012

Surveys Attached