

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
OCD Artesia

NOV 19 2013

NMOCD ARTESIA

FORM 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. NMLC028784B		
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 OPERATING LLC			7. Unit or CA Agreement Name and No. NMNM88525X		
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com			8. Lease Name and Well No. BURCH KEELY UNIT 941H		
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701			9. API Well No. 30-015-40971-00-S1		
3a. Phone No. (include area code) Ph: 432-686-3087			10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER YES		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 2310FNL 265FEL At top prod interval reported below SENE 2310FNL 265FEL At total depth Lot 2 2305FNL 352FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R29E Mer NMP		
14. Date Spudded 05/23/2013			15. Date T.D. Reached 06/07/2013		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/19/2013			17. Elevations (DF, KB, RT, GL)* 3656 GL		
18. Total Depth: MD 9307 TVD 4875			19. Plug Back T.D.: MD 9250 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT SPECGR		
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 H-40	48.0	0	358		1000		0	
12.250	9.625 J-55	40.0	0	1152		400		0	
8.750	7.000 L-80	26.0	0	4342					
7.875	5.500 L-80	17.0	4342	9298		1250		0	
7.875	5.500 L80	17.0	4342	9298		1250			

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	4259							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5218	9144	5218 TO 9144	0.430	324	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5218 TO 5520	ACIDIZE W/2000 GALS 15% NEFE. FRAC W/201,690 GALS GEL, 8,614 GALS WF, 22,768 GALS SW,
5218 TO 5520	264,285# 20/40 BROWN SAND, 34,491# 16/30 CRC, 4,758# 100 MESH.
5671 TO 5973	ACIDIZE W/4000 GALS 15% NEFE. FRAC W/204,390 GALS GEL, 11,506 GALS WF, 18,471 GALS SW,
5671 TO 5973	204,390# 20/40 BROWN SAND, 36,163# 16/30 CRC, 4,869# 100 MESH.

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
07/21/2013	07/25/2013	24	→	199.0	112.0	167.0	40.8	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 199	Gas MCF 112	Water BBL 167	Gas:Oil Ratio 563	Well Status 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 #225101 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION
DUE 1-19-14

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
YATES	1145		SANDSTONE	YATES	1145
QUEEN	2019		SANDSTONE & DOLOMITE	QUEEN	2019
GRAYBURG	2425		SANDSTONE & DOLOMITE	GRAYBURG	2425
SAN ANDRES	2720		DOLOMITE & LIMESTONE	SAN ANDRES	2720
GLORIETA	4144		SANDSTONE	GLORIETA	4144
YESO	4237		DOLOMITE & ANHYDRITE	YESO	4237

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6124 - 6426 Acidize w/4000 gals 15% NEFE. Frac w/200,917 gals gel, 8,930 gals WF, 23,741 gals slickwater, 247,658# 20/40 brown sand, 37,654# 16/30 CRC, 5,424# 100 Mesh.

6577 - 6879 Acidize w/4000 gals 15% NEFE. Frac w/201,836 gals gel, 9,374 gals WF, 33,562 gals slickwater, 252,240# 20/40 brown sand, 41,470# 16/30 CRC, 4,750# 100 Mesh.

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 #225101 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 11/08/2013 (14JLD1531SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/31/2013

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

Additional data for transaction #225101 that would not fit on the form

32. Additional remarks, continued

7030 - 7332 Acidize w/4000 gals 15% NEFE. Frac w/201,629 gals gel, 9,828 gals WF, 22,278 gals slickwater, 253,852# 20/40 brown sand, 45,954# 16/30 CRC, 2,503# 100 Mesh.

7483 - 7785 Acidize w/4000 gals 15% NEFE. Frac w/203,135 gals gel, 10,258 gals WF, 22,811 gals slickwater, 254,656# 20/40 brown sand, 47,994# 16/30 CRC, 5,581# 100 Mesh.

7936 - 8238 Acidize w/5000 gals 15% NEFE. Frac w/201,539 gals gel, 10,217 gals WF, 29,224 gals slickwater, 251,444# 20/40 brown sand, 44,715# 16/30 CRC, 4,814# 100 Mesh.

8389 - 8691 Acidize w/7000 gals 15% NEFE. Frac w/192,470 gals gel, 11,137 gals WF, 32,103 gals slickwater, 255,845# 20/40 brown sand, 40,872# 16/30 CRC, 2,401# 100 Mesh.

8842 - 9144 Acidize w/2000 gals 15% NEFE. Frac w/219,991 gals gel, 23,763 gals WF, 15,308 gals slickwater, 248,176# 20/40 brown sand, 43,752# 16/30 CRC, 5,190# 100 Mesh.

Logs will be mailed.