

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC CONSERVATION
NM OIL DISTRICT
Artesia
JUN 20 2016
RECEIVED

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. NMNM7752	
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.	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		8. Lease Name and Well No. SAM ADAMS 12 FEDERAL COM 13H	
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		9. API Well No. 30-015-41617-00-S1	
3a. Phone No. (include area code) Ph: 432-686-3087		10. Field and Pool, or Exploratory E EMPIRE-YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 1650FNL 230FEL 32.851660 N Lat, 104.035590 W Lon At top prod interval reported below SWNW 1650FNL 230FEL At total depth SENE 1664FNL 371FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 12 T17S R29E Mer NMP	
14. Date Spudded 12/21/2015		15. Date T.D. Reached 01/05/2016	
16. Date Completed ☐ D & A ☒ Ready to Prod. 02/05/2016		17. Elevations (DF, KB, RT, GL)* 3652 GL	
18. Total Depth: MD 8981 TVD 4340	19. Plug Back T.D.: MD 8890 TVD 4340	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		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. (H/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	262		450		0	
12.250	9.625 J-55	40.0	0	1065		550		0	
8.750	7.000 L-80	29.0	0	3736		2400		0	
8.750	5.500 L-80	17.0	3736	8967					

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	3794							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4560	8877	4560 TO 8877	0.430	684	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4560 TO 8877	ACIDIZE W/76,756 GALS 15% HCL. FRAC W/1,452,570 GALS FR WATER, 204,188 GALS TREATED WATER,
4560 TO 8877	2,122,772 GALS WATER FRAC, 1,605,357# 40/70 OTTAWA SAND, 378,312# 40/70 CRC, 1,148,645# 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
02/13/2016	02/17/2016	24	→	100.0	67.0	1909.0	37.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 100	Gas MCF 67	Water BBL 1909	Gas:Oil Ratio 670	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 #333012 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
AUG 05 2016

PETROLEUM ENGINEER

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS

JUN 01 2016

AB

6/22/16

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.)
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
TANSILL	964	1073	LIMESTONE & DOLOMITE	TANSILL	964
YATES	1073	1352	LIMESTONE & DOLOMITE	YATES	1073
SEVEN RIVERS	1352	1952		SEVEN RIVERS	1352
QUEEN	1952	2358	SANDSTONE & DOLOMITE	QUEEN	1952
GRAYBURG	2358	2651	SANDSTONE & DOLOMITE	GRAYBURG	2358
SAN ANDRES	2651	4083	DOLOMITE & LIMESTONE	SAN ANDRES	2651
GLORIETA	4083	4145		GLORIETA	4083
PADDOCK	4145	8981		PADDOCK	4145

32. Additional remarks (include plugging procedure):
Log Mailed.

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 #333012 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/20/2016 (16JAS1565SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 03/07/2016

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 ** REVISED ****