

NM OIL CONSERVATION
 ARTESIA DISTRICT
 OCD Artesia
 JUN 11 2015

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

RECEIVED

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator: COG OPERATING LLC Contact: CHASITY JACKSON E-Mail: cjackson@concho.com

3. Address: ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-686-3087

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: NENE 1005FNL 15FEL
 At top prod interval reported below: NENE 1005FNL 15FEL
 At total depth: Lot 1 998FNL 368FWL

5. Lease Serial No. NMNM7752
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. HOBGOBLIN 7 FEDERAL COM UBB 2H
 9. API Well No. 30-015-41813
 10. Field and Pool, or Exploratory LOCO HILLS
 11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R30E Mer NMP
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 10/28/2014 15. Date T.D. Reached 11/20/2014 16. Date Completed D & A Ready to Prod. 01/29/2015
 17. Elevations (DF, KB, RT, GL)* 3671 GL

18. Total Depth: MD 9662 TVD 5020 19. Plug Back T.D.: MD 9678 TVD 9678 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HIGH RESOLUTION 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		352		1050			
12.250	9.625 J55	40.0		1237		450			
8.750	7.000 L80	29.0		4450		1800			
7.875	5.500 L80	17.0	4450	9658		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	4589							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5309	9569	5309 TO 9569	0.430	864	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5309 TO 9569	ACIDIZE W/102,924 GALS ACID. FRAC W/3,406,311 GALS GEL, 386,055 GALS WATER FRAC
5309 TO 9569	540,634 TREATED WATER, 5,784,899# 20/40 WHITE SAND, 1,135,590# 20/40 CRC.

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
02/06/2015	02/16/2015	24	→	94.0	46.0	1994.0	35.1	0.60
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→	94	46	1994	489	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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→					

ACCEPTED FOR RECORD
 Production Method
 ELECTRIC PUMPING UNIT
 MAY 27 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #292891 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation
 Date: 8/16/15

[Handwritten signature]

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
RUSTLER	311		ANHYDRITE	RUSTLER	311
TANSILL	1111		LIMESTONE & DOLOMITE	TANSILL	1111
YATES	1216		SANDSTONE	YATES	1216
QUEEN	2110		SANDSTONE & DOLOMITE	QUEEN	2110
GRAYBURG	2526		SANDSTONE & DOLOMITE	GRAYBURG	2526
SAN ANDRES	2837		DOLOMITE & LIMESTONE	SAN ANDRES	2837
GLORIETA	4280		SANDSTONE	GLORIETA	4280
PADDOCK	4345		DOLOMITE & ANHYDRITE	PADDOCK	4345

32. Additional remarks (include plugging procedure):
LOGS WILL BE 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 #292891 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 05/14/2015 ()**

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 02/24/2015

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 **