

NM OIL CONSERVATION
 ARTESIA DISTRICT
 OCC 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 NWSW 2411FSL 491FWL
 At top prod interval reported below NWSW 2411FSL 491FWL
 At total depth NWSW 2411FSL 491FWL

5. Lease Serial No. NMLC028731A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM11789X

8. Lease Name and Well No. DODD FEDERAL UNIT 677

9. API Well No. 30-015-40665

10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey or Area Sec 14 T17S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 11/11/2014 15. Date T.D. Reached 11/16/2014 16. Date Completed D & A Ready to Prod. 12/08/2014 17. Elevations (DF, KB, RT, GL)* 3600 GL

18. Total Depth: MD 4554 TVD 4554 19. Plug Back T.D.: MD 4506 TVD 4506 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS

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 H40	54.5		307		400			
11.000	8.625 J55	24.0		984		450			
7.875	5.500 J55	17.0		4554		900			

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	4471							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4050	4345	4050 TO 4345	0.430	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4050 TO 4345	ACIDIZE W/1016 GALS 15% ACID.
4050 TO 4345	FRAC W/47,517 GALS GEL, 52,176# 16/30 BRADY, 14,192# 16/30 SLC.

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
12/17/2014	12/27/2014	24	→	16.0	9.0	258.0	39.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	16	9	258	563	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
 MAY 29 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #288309 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **
 Reclamation
 Date: 6/27/15

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
TANSILL	850		LIMESTONE & DOLOMITE	TANSILL	850
YATES	956		SANDSTONE	YATES	956
QUEEN	1845		SANDSTONE & DOLOMITE	QUEEN	1845
GRAYBURG	2240		SANDSTONE & DOLOMITE	GRAYBURG	2240
GLORIETA	3967		SANDSTONE	GLORIETA	3967
PADDOCK	4028			PADDOCK	4028

32. Additional remarks (include plugging procedure):
Will mail log.

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 #288309 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 01/16/2015

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.

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