

FEB 2 2015
OCB Artesia

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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

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: STORMI DAVIS E-Mail: sdavis@concho.com

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 18 T26S R27E Mer NMP SESW 50FSL 1550FWL
At top prod interval reported below: Sec 18 T26S R27E Mer NMP
At total depth: SESE 353FNL 1975FWL

5. Lease Serial No. NMNM114969

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. ASIO OTUS FEDERAL 3H

9. API Well No. 30-015-42395

10. Field and Pool, or Exploratory WELCH; DELAWARE

11. Sec., T., R., M., or Block and Survey or Area Sec 18 T26S R27E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 07/12/2014 15. Date T.D. Reached 07/25/2014 16. Date Completed D & A Ready to Prod. 09/05/2014 17. Elevations (DF, KB, RT, GL)* 3339 GL

18. Total Depth: MD 10299 TVD 5594 19. Plug Back T.D.: MD 10132 TVD 5594 20. Depth Bridge Plug Set: MD 10132 TVD 5594

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	355		400		0	
12.250	9.625 J55	36.0	0	1975		750		0	
8.750	5.500 P110	17.0	0	10287		2450		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		5096						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	5757	10117	5757 TO 10117	0.430	432	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5757 TO 10117	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 Status
10/24/2014	11/08/2014	24	→	187.0	715.0	2911.0			

Choke Size SI Tbg. Press. Flwg. SI Csg. Press. 24 Hr. Rate → Oil BBL 187 Gas MCF 715 Water BBL 2911 Gas:Oil Ratio 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 Status
			→						

Choke Size SI Tbg. Press. Flwg. SI Csg. Press. 24 Hr. Rate → Oil BBL Gas MCF Water BBL Gas:Oil Ratio Well Status

ACCEPTED FOR RECORD
ELECTRIC PUMP SUB-SURFACE
JAN 23 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #278188 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
Reclamation ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **
Due 5/8/15

AD

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
LAMAR	2017	2061		TOP OF SALT	357
BELL CANYON	2062	2928		BOTTOM OF SALT	1833
CHERRY CANYON	2929	4025		LAMAR	2017
BRUSHY CANYON	4026	5594		BELL CANYON	2062
				CHERRY CANYON	2929
				BRUSHY CANYON	4026

32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)
 9885-10117' 3066 282726 227381
 9517-9763' 5982 279879 237941
 9134-9384' 5838 278874 239619
 8759-9009' 6048 282027 239201
 8379-8634' 6048 226889 226624
 8009-8257' 6024 281582 233244
 7633-7883' 6024 281109 235303

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 #278188 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 01/14/2015 ()**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/11/2014

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.

Additional data for transaction #278188 that would not fit on the form

32. Additional remarks, continued

7258-7508' 6192 280284 237097
6883-7133' 6048 278020 234401
6508-6758' 5982 283040 234000
6132-6382' 6024 281867 232327
5757-6007' 5982 303604 236562
Totals 69255 3339901 2813700