

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

5. Lease Serial No.
NMLC028731B

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: KANICIA CASTILLO
E-Mail: kcastillo@concho.com

3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-685-4332

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Lot H 1650FNL 190FEL Sec 15 T17S R29E Mer NMP
 At top prod interval reported below Lot E 1675FNL 330FWL Sec 14 T17S R29E Mer NMP
 At total depth Lot H 1662FNL 246FEL Sec 14 T17S R29E Mer NMP

10. Field and Pool, or Exploratory DODD-GLORIETA-UPPER YESO
 11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R29E Mer NMP
 12. County or Parish EDDY 13. State NM

14. Date Spudded 03/05/2017 15. Date T.D. Reached 03/17/2017 16. Date Completed D & A Ready to Prod. 04/17/2017
 17. Elevations (DF, KB, RT, GL)* 3608 GL

18. Total Depth: MD 9862 TVD 4805 19. Plug Back T.D.: MD 9755 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		983		450			
8.750	7.000 L80	29.0		4096					
8.750	5.000 L80	17.0		9852		2250			
17.500	13.375 J55	54.5	0	335		400		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	3997							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5007	9767	5007 TO 9767	0.430	1080	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5007 TO 9767	ACIDIZE W/ 118,944 15% ACID, FRAC W/ 341,670 GALS TREATED WATER, 7,327,950 GALS SLICK WATER,

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
04/19/2017	04/26/2017	24	→	118.0	278.0	2531.0	39.1	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	→	118	278	2531	2355	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 Gravi
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well
SI			→					

Pending BLM approvals will subsequently be reviewed and scanned

AC 6-13-17

MF

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
QUEEN	1855		SANDSTONE	QUEEN	1855
GRAYBURG	2280		DOLOMITE & ANHYDRITE	GRAYBURG	2280
SAN ANDRES	2564		DOLOMITE & ANHYDRITE	SAN ANDRES	2564
PADDOCK	4056		DOLOMITE	PADDOCK	4056
BLINEBRY	4530		DOLOMITE	BLINEBRY	4530

32. Additional remarks (include plugging procedure):
Logs will be submitted in WIS.

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 #378319 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 06/08/2017

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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