

RECEIVED

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Operator Copy  
MAY 03 2019

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGI-ARTESIA OIL

Lease Serial No.  
NMNM0467932

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

2. Name of Operator: COG OPERATING LLC  
 Contact: KANICIA CASTILLO  
 E-Mail: kcastillo@concho.com

3. Address: 600 W ILLINOIS AVENUE  
 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 N 330FSL 1650FWL  
 At top prod interval reported below Lot N 330FSL 1650FWL  
 At total depth Lot N 330FSL 1650FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No.  
 W D MCINTYRE E 7  
 9. API Well No.  
 30-015-31786-00-S2  
 10. Field and Pool, or Exploratory  
 GRAYBURG JACKSON-SR-Q-GRBG-SA  
 11. Sec., T., R., M., or Block and Survey  
 or Area Sec 20 T17S R30E Mer NMP  
 12. County or Parish  
 EDDY  
 13. State  
 NM  
 14. Date Spudded  
 08/31/2001  
 15. Date T.D. Reached  
 08/25/2001  
 16. Date Completed  
 D & A  Ready to Prod.  
 05/31/2018  
 17. Elevations (DF, KB, RT, GL)\*  
 3618 GL  
 18. Total Depth: MD 5020  
 TVD  
 19. Plug Back T.D.: MD 4439  
 TVD  
 20. Depth Bridge Plug Set: MD 4439  
 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.370 H-40	48.0	0	417		425		0	
12.250	8.625 J-55	32.0	0	1200		625		0	
7.875	5.500 J-55	17.0	0	5019		970		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	4256							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3700	4040	3270 TO 3627	0.430	54	OPEN
B)			3700 TO 4040	0.430	54	OPEN
C)			4489 TO 4678	0.410	70	CLOSED - S1
D)						

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

Depth Interval	Amount and Type of Material
3270 TO 3627	ACIDIZE W/ 1512 GALS ACID. FRAC W/ 240, 702 GALS OF BORATE, 3,570 GALS LINER GEL, 5,838 GALS FW,
3700 TO 4040	ACIDIZE PERFS W/ 1554 GALS OF ACID. FRAC W/ 237,132 GAL'S OR BORATE, 3,948 GALS OF LINER GEL, 7,098

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
06/07/2018	07/13/2018	24	→	67.0	6.0	732.0	36.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
S1		70.0	→	67	6	732	90	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
S1			→						

ACCEPTED FOR RECORD  
 SEP 11 2018  
 Winal Negrete  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #430427 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

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 SAN ANDRES GLORIETA PADDOCK	2174 2966 4420 4482	4940		QUEEN SAN ANDRES GLORIETA PADDOCK	2174 2966 4420 4482

32. Additional remarks (include plugging procedure):

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 #430427 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 09/11/2018 (18DCN0069SE)

Name (please print) KANICIA CASTILLO

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 08/09/2018

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 \*\***