

**NM OIL CONSERVATION
ARTESIA DISTRICT**

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

APR 11 2019
RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM83591

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

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator **COG OPERATING LLC** Contact: **ROBYN RUSSELL**
E-Mail: **rrussell@concho.com**

8. Lease Name and Well No.
GISSLER FEDERAL 17H

3. Address **600 W ILLINOIS AVENUE
MIDLAND, TX 79701** 3a. Phone No. (include area code)
Ph: **432-685-4385**

9. API Well No.
30-015-44914-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 6 T17S R30E Mer NMP
 At surface **SESE 990FSL 170FEL 32.859035 N Lat, 104.003311 W Lon**
 Sec 6 T17S R30E Mer NMP
 At top prod interval reported below **SESE 990FSL 170FEL**
 Sec 5 T17S R30E Mer NMP
 At total depth **SESE 993FSL 31FEL**

10. Field and Pool, or Exploratory
LOCO HILLS-GLORIETA-YESO
 11. Sec., T., R., M., or Block and Survey
 or Area **Sec 6 T17S R30E Mer NMP**
 12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **09/12/2018** 15. Date T.D. Reached **09/27/2018** 16. Date Completed
 D & A Ready to Prod.
11/08/2018

17. Elevations (DF, KB, RT, GL)*
3689 GL

18. Total Depth: MD **9601** TVD **9100** 19. Plug Back T.D.: MD **9515** 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
17.500	13.375 J55	54.5		464		600		0	
12.250	9.625 J55	40.0		1254		550		0	
8.750	7.000 L80	29.0		3748					
8.750	5.500 L80	20.0		9580		2450		0	AB

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	4590							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4809 TO 9495		570	OPEN
B) BLINEBRY	4809	9495				
C)						
D)						

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

Depth Interval	Amount and Type of Material
4809 TO 9495	ACIDIZE W/39,018 GALS 15% ACID, FRAC W/174,846 GALS TREATED WATER, 3,443,118 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
11/11/2018	11/11/2018	24	→	312.0	222.0	1418.0			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	
			→	312	222	1418	712	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
11/11/2018	11/21/2018	24	→	312.0	222.0	1418.0	42.0	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	
		31.0	→	312	222	1418	712	POW	

ACCEPTED FOR RECORD
MAR 30 2019
[Signature]
**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #448752 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reclamation Due: 5/8/2019

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	366		ANHYDRITE	RUSTLER	366
YATES	1217		DOLOMITE & SANDSTONE	YATES	1217
GRAYBURG	2521		DOLOMITE & SANDSTONE	GRAYBURG	2521
SAN ANDRES	2844		DOLOMITE & ANYDRITE	SAN ANDRES	2844

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 #448752 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 03/23/2019 (19DCN0163SE)

Name (please print) ROBYN RUSSELL Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 12/20/2018

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.