

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Geology, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 600 W. Illinois Avenue Midland, TX 79701		² OGRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW Effective 11/1/2018	
⁴ API Number 30 - 015-45028	⁵ Pool Name Loco Hills; Glorieta-Yeso		⁶ Pool Code 96718
⁷ Property Code 313982	⁸ Property Name Hobgoblin 7 Federal Com		⁹ Well Number 13H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	8	17S	30E		1650	North		West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	7	17S	30E		1662	North	119	West	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/1/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Navajo	O
	DCP	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
9/11/2018	11/1/2018	9651 MD/4483 TVD	9612	4685 - 9516	

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
17-1/2	13 3/8	435	750
12-1/4	9-5/8	1230	685
8-3/4	7	3891	
8-3/4	5-1/2	9651	1170

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
11/09/18	11/5/18	11/9/18	24 hrs	250	36

³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method
	208	1330	115	P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Dana King</i>		Approved by: <i>Karen Sharp</i>	
Printed name: Dana King		Title: <i>Staff Mgr</i>	
Title: Permit Specialist		Approval Date: <i>5-2-19</i>	
E-mail Address: dking@concho.com			
Date: 12/19/2018	Phone: 432-818-2267		

Documents pending BLM approvals will subsequently be reviewed and scanned

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.
NMNM117122

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: DANA KING
E-Mail: dking@concho.com

8. Lease Name and Well No.
HOBGOBLIN 7 FEDERAL COM 13H

3. Address: 600 W. ILLINOIS AVE
MIDLAND, TX 79701
3a. Phone No. (include area code)
Ph: 432-818-2267

9. API Well No.
30-015-45028

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 8 T17S R30E Mer NMP
At surface SWNW 1650FNL 1FWL
Sec 8 T17S R30E Mer NMP
At top prod interval reported below SWNW 1650FNL 1FWL
Sec 7 T17S R30E Mer NMP
At total depth SWNW-1662FNL 119FWL

10. Field and Pool, or Exploratory
LOCO HILLS, GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T17S R30E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
09/11/2018
15. Date T.D. Reached
09/20/2018
16. Date Completed
 D & A Ready to Prod.
11/01/2018

17. Elevations (DF, KB, RT, GL)*
3673 GL

18. Total Depth: MD 9651 TVD 4483
19. Plug-Back T.D.: MD 9612 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		435		750		0	
12.250	9.625 J55	40.0		1230		685		0	
8.750	7.000 L80	29.0		3891					
8.750	5.500 L80	20.0		9651		1170		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		4132						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4685	9516	4685 TO 9516			OPEN SLEEVE
B)						
C)						
D)						

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

Depth-Interval	Amount and Type of Material
4685 TO 9516	ACIDIZE W/40,404 GALS 15% ACID, FRAC W/39,228 TREATED WATER, 3,775,086 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
11/05/2018	11/09/2018	24	→	208.0	115.0	1330.0	38.8	60.00	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	
	SI	36.0	→	208	115	1330	553	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	
	SI		→						

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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	Thg. 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	Thg. 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	392		ANHYDRITE	RUSTLER	392
YATES	1226		DOLOMITE & SANDSTONE	YATES	1226
SEVEN RIVERS	1514		DOLOMITE & SANDSTONE	SEVEN RIVERS	1514
QUEEN	2118		SANDSTONE	QUEEN	2118
GRAYBURG	2537		DOLOMITE & SANDSTONE	GRAYBURG	2537
SAN ANDRES	2847		DOLOMITE & ANYDRITE	SAN ANDRES	2847
GLORIETA	4278		SANDSTONE & SILTSTONE	GLORIETA	4278

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 #447195 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad

Name (please print) DANA KING Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 12/11/2018

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.

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