

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM7752

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
HOBGOBLIN 7 FEDERAL COM UBB 4H

2. Name of Operator
COG OPERATING LLC
Contact: DANA KING
E-Mail: dking@concho.com

9. API Well No.
30-015-41815

3a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 409-819-2867
BLM CONSERVATION
ARTESIA DISTRICT

10. Field and Pool or Exploratory Area
LOCO HILLS-QU-GB-SA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T17S R30E Mer NMP SENE 2310FNL 150FEL

MAR 01 2019

11. County or Parish, State
EDDY COUNTY, NM

RECEIVED

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating LLC respectfully requests to recomplete the Hobgoblin 7 Federal Com UBB #4H.

We plan to have our top perfs from 3,625' ? 3,825'. Ideally, we like to have the additional space of rat hole below our bottom perfs to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rat hole space, this gives COG the option to re-enter the Blinbery formation at a later time.

Please see attached proposed procedure, current and proposed WBD.

Square LAKE
GRAYBURG-SA.
57570

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #456390 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) DANA KING	Title PERMIT SPECIALIST II
Signature (Electronic Submission)	Date 02/28/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Pending BLM approvals will
subsequently be reviewed
and scanned
M
3-1-2019

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction to any department or agency of the United States.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RWD 3-1-19.

Hobgoblin 7 Federal Com #4H Proposed Recompletion Plan 30-015-41815

We plan to have our top perfs from 3,625' – 3,825'. Ideally, we like to have the additional space of rat hole below our bottom perfs to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rat hole space, this gives COG the option to re-enter the Blinbery formation at a later time.

Equipment Pull Procedure

- RIH w/ perforating guns and perforate San Andres Zone from 3,625'-3,825', w/ 3 spf, 120° phasing, 54 holes
- Dump bail acid in the perf interval
- NU SK frac valve
- Secure wellbore
- RDMO WSU

Tentative Recompletion Procedure

- RU Elite Well Services Frac Crew
- Acidize w/ 3,000 gals of 15% HCl.
- XL Frac zone w/ 200,000 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- RDMO Elite

Return to Production Procedure

- MIRU WSU
- RIH with bit and bailer to drill
- Clean out fill to new PBD @ 4,510'
- RIH with production tubing as follows:
 - (107) jts 2-7/8" J55 6.5# tbg
 - (1) 2' marker joint
 - (2) jts 2-7/8" J55 6.5# tbg
 - TAC @ 3,500'
 - (11) jts 2-7/8" J55 6.5# tbg
 - SN @ 3,855'
 - (1) 20' MSMA
 - EOT @ 3,875'
- ND BOP, set TAC, flange up WH
- RIH w/ rod design as follows:
 - (1) 26' x 1-1/2" SMPR
 - (1) 6' x 3/4" rod sub
 - (2) 8' x 3/4" rod subs
 - (147) 3/4" D rods
 - (7) 1-5/8" K bars
 - (1) 25-150 RHBC-20' Pump
- Hang on, load tubing and note pump action and alignment
- Clean location
- Update rod and tubing detail in Well View
- All charges will hit recompletion AFE (800/500) code
- PWOP
- RDMO, TOTP

NM OIL CONSERVATION
ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-41815		2 Pool Code 57570		3 Pool Name Square Lake, Grayburg - San Andres	
4 Property Code 40428		5 Property Name Hobgoblin 7 Federal Com UBB			6 Well Number 4H
7 OGRID No. 229137		8 Operator Name COG Operatng, LLC			9 Elevation 3671'

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
H	7	17S	30E		2310	North	150	East	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	7	17S	30E		2297	North	392	West	Eddy

12 Dedicated Acres 157.51	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p>16 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Dana King</i> 3/4/2019 Signature Date</p> <p>Dana King Printed Name</p> <p>dking@moncho.com E-mail Address</p>
	<p>17 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey _____ Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number _____</p>

RNP 3-5-19

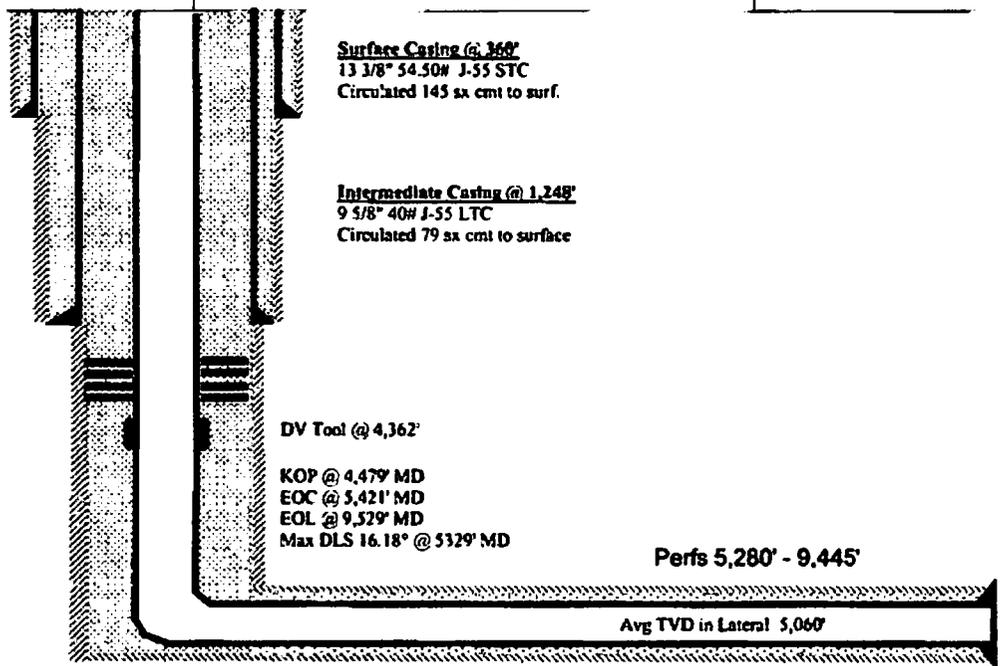


Current Wellbore

API: 30-015-41815
 SPUD: 3/25/2014
 RR: 4/7/2014
 RIG: United Drilling #43

Hobgoblin 7 Federal Com UBB #4H
Loco Hills
Glorietta-Yeso Field
Eddy County, NM

Sec 7, T-17S, R-30E
 SHL: 2310' FSL & 150' FEL Sec 7
 BHL: 2307' FSL 330' FWL Sec 7 (est)
 GL: 3,671'
 KB: 3,685' (14' AGL)



Surface Casing @ 360'
 13 1/8" 54.50W J-55 STC
 Circulated 145 sx cmt to surf.

Intermediate Casing @ 1,248'
 9 5/8" 40W J-55 LTC
 Circulated 79 sx cmt to surface

DV Tool @ 4,362'
 KOP @ 4,479 MD
 EOC @ 5,421' MD
 EOL @ 9,529' MD
 Max DLS 16.18" @ 5329' MD

Perfs 5,280' - 9,445'

Avg TVD in Lateral 5,060'

5-1/2" Production Casing @ 9,529'
 5- 1/2" 17H L-80 LTC
 circ 551 sx 1st stage
 circ 323 sx 2nd stage

FC @ 9,480'
 5 1/2" Marker Joint @ 4,364'
 5-1/2" DV Tool @ 4,362'

HOLE SIZE	MD (Depth)	BNST (PF)	EVALUATION
17-1/2"			
12-1/4"			
8-3/4" x 7-7/8"	105 F		

Updated by	Tower
Date:	2/27/2019

Note: Fluid in wellbore is 8.4# Fresh Water.



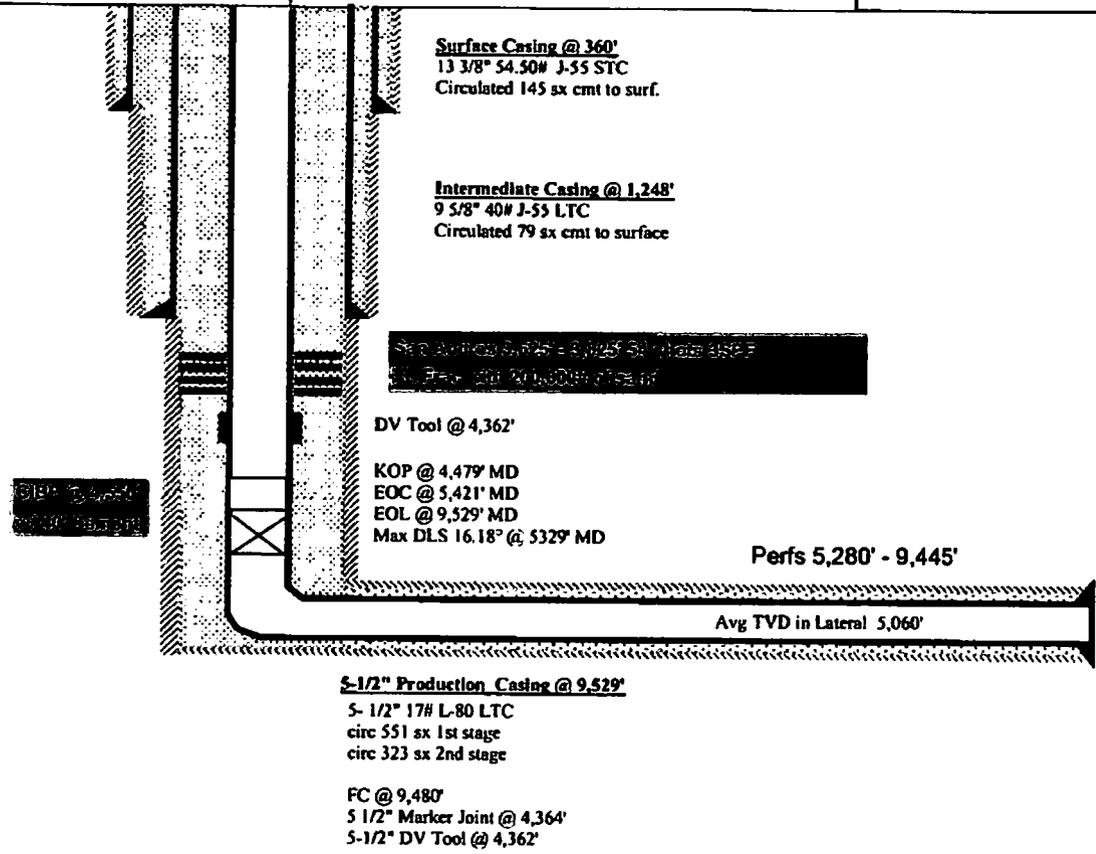
Proposed Wellbore

API: 30-015-41815
 SPUD: 3/25/2014
 RR: 4/7/2014
 RIG: United Drilling #43

Hobgoblin 7 Federal Com UBB #4H
Loco Hills
Glorietta-Yeso Field
Eddy County, NM

Sec 7, T-17S, R-30E
 SHL: 2310' FSL & 150' FEL Sec 7
 BHL: 2307' FSL 330' FWL Sec 7 (est)
 GL: 3,671'
 KB: 3,685' (14' AGL)

HOLE SIZE	MW (ppg)	BMST (FT)				EVALUATION
17-1/2"						
12-1/4"						
8-3/4" x 7-7/8"		105 F				



Updated by	Tower
Date:	2/27/2019

Note: Fluid in wellbore is 8.4# Fresh Water.