

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
OCD Artesia

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

7. If Unit or CA/Agreement, Name and/or No.
NMNM133058

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

9. API Well No.
30-015-41815-00-S1

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

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

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

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

3b. Phone No. (include area code)
Ph: 432-818-2267

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T17S R30E SENE 2310FNL 150FEL
32.849850 N Lat, 104.002740 W Lon

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.

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 01 2019
RECEIVED

GC 4/2/19
Accepted for record - NMOCD

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
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/05/2019 (19PP1232SE)

Name (Printed/Typed) DANA KING Title SUBMITTING CONTACT

Signature (Electronic Submission) Date 02/28/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title **Accepted for Record** Date **MAR 29 2019**

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 **Jonathon Shepard**
Carlsbad Field Office

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.

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 5K 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



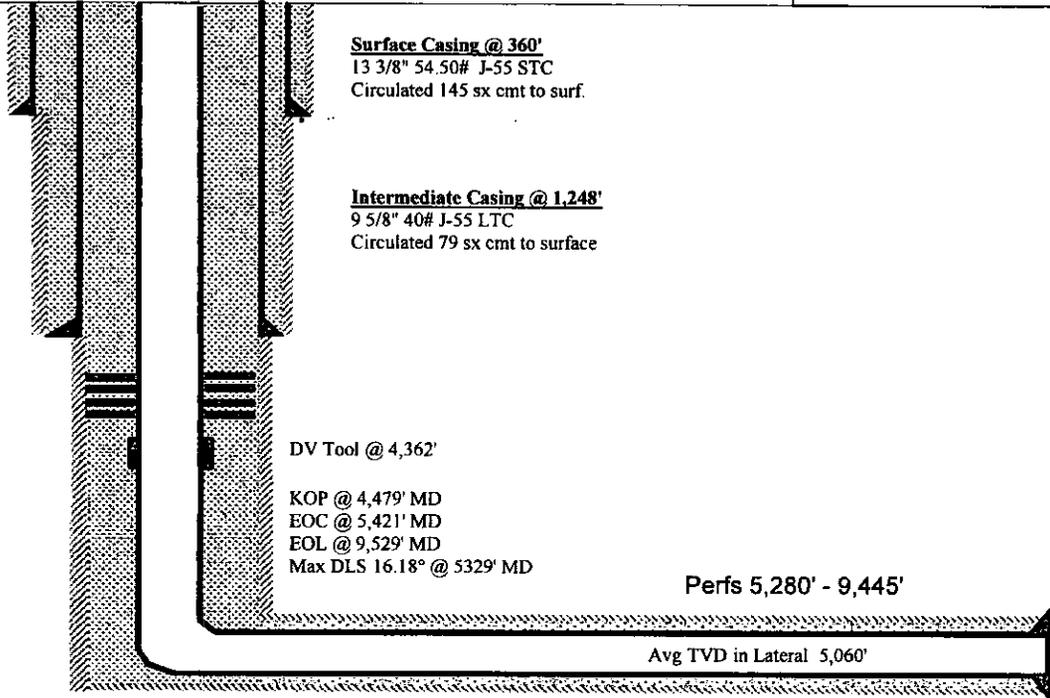
Current Wellbore

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' FWL Sec 7
 BHL: 2307' FSL 330' FWL Sec 7 (est)
 GL: 3,671'
 KB: 3,685' (14' AGL)

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



5-1/2" Production Casing @ 9,529'
 5- 1/2" 17# 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'

Updated by	Tower
Date:	2/27/2019

Note: Fluid in wellbore is 8.4# Fresh Water.



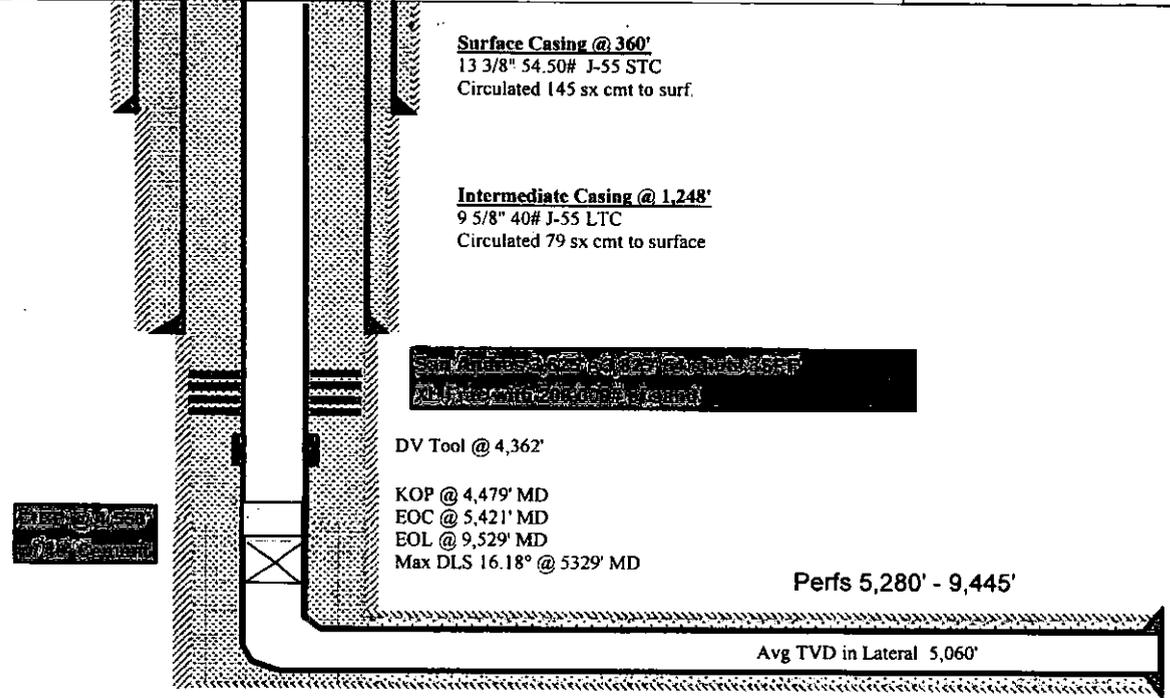
Proposed Wellbore

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

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 GL: 3,671'
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HOLE SIZE	MW (ppg)	BHST (°F)	EVALUATION
17-1/2"			
12-1/4"			
8-3/4" x 7-7/8"	105 F		



Surface Casing @ 360'
 13 3/8" 54.50# J-55 STC
 Circulated 145 sx cmt to surf.

Intermediate Casing @ 1,248'
 9 5/8" 40# 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" 17# 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'

Updated by Tower
 Date: 2/27/2019

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