

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
OCD ARTESIA DISTRICT

NOV 07 2014

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

RECEIVED

5. Lease Serial No.
NMNM124655

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NMNM127417

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
HAMBONE FEE COM 1H

2. Name of Operator
COG OPERATING LLC
Contact: DAVID A EYLER
E-Mail: DEYLER@MILAGRO-RES.COM

9. API Well No.
30-015-38980-00-S1

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

3b. Phone No. (include area code)
Ph: 432-687-3033

10. Field and Pool, or Exploratory
BRUSHY DRAW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T26S R29E SWSW Lot M 660FSL 330FWL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat | <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 type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

- 1) SET 5-1/2" CIBP @ 6,600'; PUMP 30 SXS.CMT. @ 6,600'-6,425'(T/B.S.); CIRC.WELL
- 2) PUMP 25 SXS.CMT. @ 6,076'-5,916'(DV TOOL); WOC X TAG CMT. PLUG.
- 3) PUMP 25 SXS.CMT. @ 4,570'-4,430'(MID-PLUG).
- 4) PUMP 70 SXS.CMT. @ 2,795'-2,300'(9-5/8"CSG.SHOE,T/DLWR,B/SALT); WOC X TAG.
- 5) CUT X PULL 5-1/2" CSG. @ +/-1,300'.
- 6) PUMP 40 SXS.CMT. @ 1,355'-1,245'(5-1/2"CSG.STUB); WOC X TAG CMT. PULG.
- 7) PUMP 75 SXS.CMT. @ 405'-250'(T/SALT,13-3/8"CSG.SHOE); WOC X TAG CMT. PLUG.
- 8) MIX X CIRC. TO SURF. 25 SXS.CMT. @ 63'-3'.
- 9) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Accepted for approval
URD 11/10/14

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

Electronic Submission #257601 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JAMES AMOS on 11/05/2014 (15JA0064SE)

**RECLAMATION PROCEDURE
ATTACHED**

Name (Printed/Typed) DAVID A EYLER

Title AGENT

Signature (Electronic Submission)

Date 08/19/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *James A. Amos*

Title *SEAS*

Date *11-5-14*

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 *CFO*

Title 48 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.

Hambone Fee Com #1H

API# 30-015-38980

Eddy County, NM / Section 5, T-26S, R-29E

SHL: 660' FSL & 330' FWL

BHL: 660' FSL & 330' FEL



SPUD

RR

DRILLING

Concho

LAST REVISED

8/4/2014

TUM

U/L m

GL 2906'

KB 18.0'

Hole

17 1/2"
13-3/8" 48# H-40 STC
TOC @ Surface ✓

300' ✓

17-1/2"

12 1/4"
9-5/8" 36# J-55 STC
TOC @ Surface ✓

TOC @ 1,320'

T/Salt 352
B/Salt 2375
Del 2716
BS 6475

12-1/4"

7 7/8"

5.5" DVT/ECP

5.996' ✓

PeroFrac Stags

- 6950, 7021, 7092, 7163, 7234
- 7305, 7377, 7448, 7519, 7590
- 7661, 7732, 7803, 7874, 7945
- 8016, 8088, 8159, 8230, 8301
- 8372, 8443, 8514, 8585, 8656
- 8727, 8798, 8870, 8941, 9012
- 9083, 9154, 9225, 9296, 9367
- 9438, 9509, 9580, 9652, 9723
- 9794, 9865, 9936, 10007, 10078
- 10149, 10220, 10291, 10363, 10434
- 10505, 10576, 10647, 10718, 10789
- 10860, 10931, 11002, 11073, 11145
- 11216, 11287, 11358

KOP = 6,675' ✓

EOC @ 7,569'

5-1/2" 17# P-110 LTC
TOC @ 1,320'

7-7/8"

Cement Plug 6,700' - 7,200'

TD = 11,715' MD ✓
Csg = 11,715' MD
TVD = 7,200'

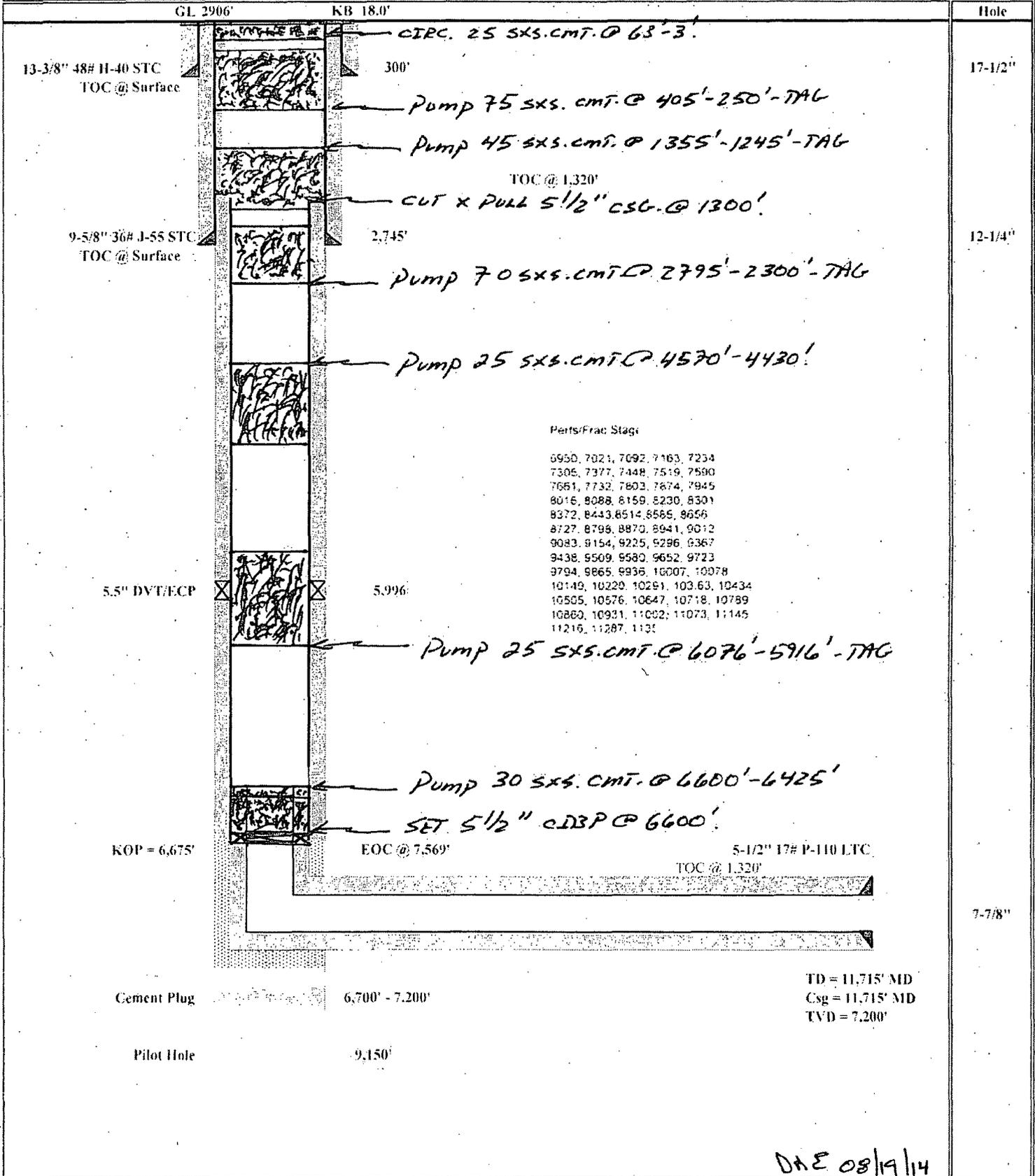
Pilot Hole 9,150'

Hambone Fee Com #1H

API# 30-015-38980
 Eddy County, NM / Section 5, T-26S, R-29E
 SHL: 660' FSL & 330' FWL
 BHL: 660' FSL & 330' FEL



SPUD RR
 DRILLING Concho
 LAST REVISED 8/4/2014 TLM



**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon. **(9# brine is not mud)**

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Interim Reclamation Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). Interim reclamation is to be completed within 6 months of well completion.
3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
4. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
5. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Linda Denniston
Environmental Protection Specialist
575-234-5974

Jennifer Van Curen
Environmental Protection Specialist
575-234-5905

Mike Burton
Environmental Protection Specialist
575-234-2226

Jeffery Robertson
Natural Resource Specialist

Solomon Hughes
Natural Resource Specialist
575-234-5951

Douglas Hoag
Civil Engineering Technician
575-234-5979