

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

OCD Hobbs
HOBBS OCD
JAN 19 2016
RECEIVED

5. Lease Serial No.
NMNM19859

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MONET FEDERAL 3H ✓

9. API Well No.
30-025-42763 ✓

10. Field and Pool, or Exploratory
DRAPER MILL; BONE SPRING

11. County or Parish, and State
LEA COUNTY, NM ✓

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC ✓ Contact: MAYTE X REYES
E-Mail: mreyes1@concho.com

3a. Address
2208 WEST MAIN STREET
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 4 T25S R33E NENW 190FNL 1980FWL ✓

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input 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 checked="" 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 checked="" type="checkbox"/> Other Change to Original APD |
| | <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 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.)

COG Operating LLC, respectfully requests approval for the following BHL and drilling changes to the original approved APD.

BHL
From: 330' FSL & 1980' FWL
To: 330' FSL & 1650' FWL
C102 attached.

Drilling changes attached.

ORIGINAL COA STILL APPLY

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #327837 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KENNETH RENNICK on 01/09/2016 ()

Name (Printed/Typed) MAYTE X REYES Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/06/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Kenneth Rennick Date _____
Office PETROLEUM ENGINEER

APPROVED
Kenneth Rennick
JAN 17 2016
PETROLEUM ENGINEER

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.

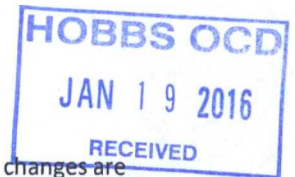
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

JAN 25 2016

Handwritten initials

1.5.16



Sundry notification of the following changes to the approved APD for the Monet Federal 3H. These changes are based on a new Target, a new Proposed Bottom Hole Location (PBHL) resulting in a new directional plan and changes in Bit Size and Cementing Volumes in the Production Section.

- **Target Zone:** Was: 2nd Bone Spring (Top 10,687') **Now: Upper Avalon (Top 9188')**
- **Target TVD:** Was: 11,075' **Now: 9315' TVD**
- **KOP:** Was 10,577' **Now: 8821' MD / 8802' TVD (Note: Revised Directional Plan Attached)**
- **Measured Depth at TD** Was: 15,613' MD **Now: 13,996' MD**
- Proposed Casing and Cementing Program as follows:
 - Surface Section – No Change
 - Intermediate Section - No Change
 - **Production, Curve and Lateral Section**
 - **Hole Size** – Was 8-3/4" (Vertical and Curve) and 7-7/8" (Lateral)
 - **Hole Size - Now 8-3/4" through the entire Production Vertical, Curve and Lateral Section**
 - **5-1/2" Casing – Setting Depth:** Was 15,613' **Now 13,996'**
 - **Weight:** 17# Unchanged **Grade:** P-110 Unchanged **Joint:** LTC Unchanged
- **Cementing Program**
 - Surface Casing – No Change
 - Intermediate Casing – No Change
 - **Production Casing**
 - **Lead:** Was 750 sx Halliburton Tune Lite Blend (10.4 ppg/19.1 gal/sx/3.32 cf/sx)
 - **Lead: Now 775 sx Halliburton Tune Lite Blend (10.3 ppg - / 21.9 gal/sx/3.62 cf/sx)**
 - **Tail:** Was 1000 sx of 50:50:2 H Blend (FR, Retarder, FL adds as necessary) (14.4 ppg – 5.7 gal/sk 1.25 cf/sk)
 - **Tail: Now 1200 sx of 50:50:2 H Blend (FR, Retarder, FL adds as necessary) (14.4 ppg – 5.7 gal/sk 1.25 cf/sk)**
 - Volumes Adjusted for change in hole size from 7-7/8" in lateral to 8-3/4" in the lateral.
 - Volume Factors – Lead – 45% Excess OH from KOP to Intermediate Casing Point. 0% Excess Intermediate Casing Point to Surface. Cement volumes calculated to surface.
 - Volume Factors Tail – 15% hole excess from TD (13,996') to KOP (8821').
- Pressure Control Equipment: No Change
- Mud Program: No Change
- Logging and Testing Procedures: No Change
- Drilling Conditions
 - **BH Pressure at Deepest TVD:** Was 5180 psi **Now 4360 psi**
 - **Abnormal Temperature:** No Change (No)

- Other Facets of Operation:
 - Directional Plan
 - Revised for Tangent to nudge 8-3/4" vertical ~330' West to align Curve to new PBHL
 - Initial Anticollision Assessment Based on Monet Federal 8H. Note: Monet Federal 8H is not yet drilled. After the Monet Federal 8H is drilled, a subsequent Anticollision Assessment will be made based on as drilled surveys/gyro data.

Attachments:

**Revised Directional Plan for Tangent and New Target TVD
Initial Anticollision Assessment
Revised Form C-102**

Alex R. Korzenewski

Sr. Drilling Engineer

COG Operating, LLC

One Concho Center

600 W. Illinois Avenue

Midland, Texas 79701

432.683.7443 (main)

432.818.2355 (direct)

325.627.6925 (cell)

