

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

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.  
NMNM121473

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
HH SO 10 15 FED 002 1H9. API Well No.  
30-015-44352-00-X110. Field and Pool or Exploratory Area  
ABO11. 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

CHEVRON USA INCORPORATED

Contact: LAURA BECERRA

E-Mail: LBECERRA@CHEVRON.COM

3a. Address

6301 DEAUVILLE BLVD  
MIDLAND, TX 79706

3b. Phone No. (include area code)

Ph: 432-687-7655

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 3 T26S R27E NWNW 189FSL 833FWL  
32.064526 N Lat, 104.184273 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☒
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Hydraulic Fracture                        |
| <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 recompleat 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.

11/9/18 - Test production casing 9800 psi, 30 min, good test. Rig up frac equipment.

11/18/18-1/14/19 - Perforate &amp; Frac Wolfcamp from 9,570'-19,357'. Frac w/1,000,643 bbls fluid &amp; 23.6 MM# proppant.

2/5/19-2/8/19 - Drill out plugs and wash perms.

3/10/19 - Test 10K BOP &amp; manifold 250/6600 psi.

3/14/19 - Ran 270 jnts of 2-7/8" tubing and set @ 8,723' &amp; packer @ 8,710'.

3/19/19 - Pressure test tubing to 1500 psi for 15 min and csg to 1000 psi for 15 min, all tests

RECEIVED

APR 12 2019

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #460071 verified by the BLM Well Information System  
For CHEVRON USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/03/2019 (19PP1551SE)**

Name (Printed/Typed) LAURA BECERRA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 04/03/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Accepted for Record

APR 03 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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #460071 that would not fit on the form**

**32. Additional remarks, continued**

good.

-Rig released, shut in well.

## **Hayhurst NM Pad 2 Leak Detection Plan / Chevron U.S.A. Inc.**

**(Includes HH SO 10 15 FED 002 #1H, #2H, #3H, #4H, #5H & #6H)**

Chevron MidContinent Business Unit (MCBU) has incorporated the following methods, design features, and practices to systematically monitor, detect, and address any leaks for the Hayhurst NM Pad 2 wells and associated Hayhurst NM 10 Central Tank Battery (CTB), which receives and processes produced fluids from the referenced wells.

### **Central Tank Battery Secondary Containment**

The CTB incorporates a secondary containment around all storage tanks constructed of a synthetic liner and engineered walls. The containment is designed to be at least one foot above the tank bases and sized to contain the cumulative volume of all storage tanks. Also, all vessels and piping within the CTB are situated aboveground to allow for ready identification of any type of leak or loss of primary containment.

### **Level and Pressure Alarms**

All storage tanks are equipped with multiple level and pressure alarms to detect abnormal conditions and immediately initiate appropriate actions as described below:

- Low level alarm that notifies field personnel of this alarm condition allowing prompt investigation and initiation of any response actions.
- Low-low level alarm that is electronically interlocked with well control systems to immediately secure all well production and CTB operations.
- High pressure alarm that is interlocked with distributive control systems to immediately secure all well production and CTB operations.
- High level alarm that is interlocked with distributive control systems to immediately secure all well production and CTB operations

All oil discharge lines are equipped with low pressure sensors to detect abnormal system pressure and immediately secure production operations and isolate vessels within the CTB.

### **Inspection Practices**

Standard practice requires a visual inspection of all well pads and CTBs at least once per day to include identification of any seeps, drips, or other larger sources of leaks. Current practice within the Hayhurst NM area is for these inspections to occur once per twelve-hour shift.