

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.  
NMNM121473

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.  
HH SO 10 15 FED 002 4H

2. Name of Operator  
CHEVRON USA INCORPORATED

Contact: LAURA BECERRA  
E-Mail: LBECERRA@CHEVRON.COM

9. API Well No.  
30-015-44353-00-X1

3a. Address  
6301 DEAUVILLE BLVD  
MIDLAND, TX 79706

3b. Phone No. (include area code)  
Ph: 432-687-7665

10. Field and Pool or Exploratory Area  
PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 3 T26S R27E SWSW 264FSL 833FWL  
32.064732 N Lat, 104.184265 W Lon

11. County or Parish, State  
EDDY COUNTY, NM

**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 type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Change to Original A PD                   |
|  | <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.

Chevron respectfully requests a variance to change the cement slurry on the intermediate 1st Stage Tail from Class H to Class C. See attachment for detailed cement information.

GC 5-24-18  
Accepted for record - NMOCD

RECEIVED

MAY 23 2018

Carlsbad Field Office  
OCD Artesia

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #407437 verified by the BLM Well Information System  
For CHEVRON USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/16/2018 (18PP1302SE)

Name (Printed/Typed) LAURA BECERRA Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 03/12/2018

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

Approved By JENNIFER SANCHEZ Title PETROLEUM ENGINEER Date 05/15/2018

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 Carlsbad

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 \*\***

**Delaware Basin  
Changes to APD/COA for Federal  
Well**



**Well Info:**

| <b>Well Name</b>       | <b>API Number</b> |
|------------------------|-------------------|
| HH SO 10 15 FED 002 1H | 3001544352        |
| HH SO 10 15 FED 002 2H | 3001544354        |
| HH SO 10 15 FED 002 3H | 3001544351        |
| HH SO 10 15 FED 002 4H | 3001544353        |
| HH SO 10 15 FED 002 5H | 3001544371        |
| HH SO 10 15 FED 002 6H | 3001544367        |

**Rig: Patterson 815**

**Chevron Contact:**

**Brett Herman**

Drilling & Completions Engineer  
Chevron Mid-Continent Business Unit  
Drilling & Completions

Cell: (832) 457-0778

Email: [brett.herman@chevron.com](mailto:brett.herman@chevron.com)

## Summary of Changes to APD Submission

Chevron respectfully requests to change the intermediate cement Class to adhere to our operational standard operation procedure. We will change the Stage 1 Tail from Class H to Class C. The slurry type has been changed to reflect this.

|              | Stage 2 Lead | Stage 2 Tail | Stage 1 Lead | Stage 1 Tail |
|--------------|--------------|--------------|--------------|--------------|
| Slurry Type: | Class C      | Class C      | Class C      | Class C      |
| Top:         | 0            | 1100         | 2100         | 8000         |
| Bottom:      | 1100         | 2100         | 8000         | 9000         |
| Density:     | 11.9         | 14.8         | 11.9         | 15.6         |
| Yield:       | 2.41         | 1.33         | 2.45         | 1.21         |
| Mix H2O:     | 2.43         | 1.33         | 13.6         | 5.34         |
| Sacks:       | 238          | 355          | 1133         | 288          |
| Vol. (bbls)  | 102          | 84           | 494          | 62           |
| % Excess:    | 100          | 50           | 50           | 0            |
| 50 psi CS:   | 6:37         | 4:48         | 2:57         | 2:57         |
| 70 Bc:       | 9:34         | 5:17         | 4:23         | 4:23         |

Displacement: KWM

## Changes Summary

**Summary:** Variance to change the cement slurry on the Intermediate 1st Stage Tail from Class H to Class C.