

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.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|   |   |  |
|---|---|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                    |   | 5. Lease Serial No.<br>NMNM100549                                    |
| 2. Name of Operator<br>CHEVRON USA INCORPORATED   |   | 6. If Indian, Allottee or Tribe Name                                 |
| Contact: LAURA BECERRA<br>E-Mail: LBECCERRA@CHEVRON.COM   |   | 7. If Unit or CA/Agreement, Name and/or No.<br>NMNM138618            |
| 3a. Address<br>6301 DEAUVILLE BLVD<br>MIDLAND, TX 79706   | 3b. Phone No. (include area code)<br>Ph: 432-687-7655 | 8. Well Name and No.<br>HH SO 8 5 FED 003 1H                         |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 17 T26S R27E NENW 629FNL 2308FWL<br>32.048035 N Lat, 104.213425 W Lon |   | 9. API Well No.<br>30-015-45115-00-X1                                |
|   |   | 10. Field and Pool or Exploratory Area<br>PURPLE SAGE-WOLFCAMP (GAS) |
|   |   | 11. County or Parish, State<br>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                      |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD  |

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 Stage 1 Lead and Tail and Production Lead from Class H to Class C cement.

Details of the changes are attached.

Carlsbad Field Office  
District II - Artesia

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|  |                         |   |                       |
|--|-------------------------|---|-----------------------|
| 14. I hereby certify that the foregoing is true and correct. |                         | Electronic Submission #437449 verified by the BLM Well Information System       |                       |
| For CHEVRON USA INCORPORATED, sent to the Carlsbad           |                         | Committed to AFMSS for processing by PRISCILLA PEREZ on 10/01/2018 (19PP0005SE) |                       |
| Name (Printed/Typed)   | LAURA BECERRA           | Title   | REGULATORY SPECIALIST |
| Signature  | (Electronic Submission) | Date  | 09/27/2018            |

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

|   |                           |                  |
|---|---------------------------|------------------|
| Approved By: MUSTAFA HAQUE  | Title: PETROLEUM ENGINEER | Date: 11/13/2018 |
| 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 \*\***

RW 12-6-18

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



## **Well Info:**

| <b>Well Name</b>     | <b>API Number</b> |
|----------------------|-------------------|
| HH SO 8 5 FED 003 1H | 3001545115        |
| HH SO 8 5 FED 003 2H | 3001545116        |
| HH SO 8 5 FED 003 3H | 3001545117        |
| HH SO 8 5 FED 003 4H | 3001545118        |
| HH SO 8 5 FED 003 5H | 3001545119        |
| HH SO 8 5 FED 003 6H | 3001545120        |

**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 and production cement Class to adhere to our standard operation procedure. We will change the Intermediate Stage 1 Lead and Tail and Production Lead 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            | 1600         | 2100         | 7272         |
| Bottom:      | 1600         | 2100         | 7272         | 8272         |
| Density:     | 11.9         | 14.8         | 11.9         | 14.8         |
| Yield:       | 2.5          | 1.33         | 2.5          | 1.33         |
| Mix H2O:     | 14.1         | 6.35         | 14.1         | 6.35         |
| Sacks:       | 354          | 177          | 1296         | 353          |
| Vol. (bbls)  | 157          | 42           | 577          | 84           |
| % Excess:    | 100          | 50           | 100          | 50           |
| 50 psi CS:   | 9:10         | 5:44         | 11:48        | 5:11         |
| 70 Bc:       | 5:15         | 3:47         | 5:20         | 5:08         |

ent: KWM

chlumberger

f bbl Tuned Spacer III @ 12.4 ppg

|              | Lead    | Tail    |
|--------------|---------|---------|
| Slurry Type: | Class C | Class H |
| Top:         | 5353    | 18911   |
| Bottom:      | 18911'  | 19548'  |
| Density:     | 13.2    | 15.0    |
| Yield:       | 1.84    | 2.18    |
| Mix H2O:     | 9.85    | 9.55    |
| Sacks:       | 2388    | 100     |
| Vol. (bbls)  | 782     | 39      |
| % Excess:    | 50      | 50      |
| 50 psi CS:   | 3:59    | 4:38    |
| 70 Bc:       | 5:06    | 4:39    |

## Changes Summary

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