

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.  
NMNM100549

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM138618

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

8. Well Name and No.  
HH SO 8 5 FED 003 6H

9. API Well No.  
30-015-45120-00-X1

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

11. County or Parish, State  
EDDY COUNTY, NM

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 17 T26S R27E NENW 504FNL 2310FWL  
32.048378 N Lat, 104.213417 W Lon

**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 Change to Original A PD
	<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 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**  
**OCD Artesia**

RECEIVED

NOV 26 2018

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

**Electronic Submission #437481 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 (19PP00115E) DISTRICT II-ARTESIA O.C.D.**

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 11/03/2018

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 \*\***

RUP 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

:hlumberger

† 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.