

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
ArtesiaFORM 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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM121473
2. Name of Operator CHEVRON 4323		6. If Indian, Allottee or Tribe Name
Contact: DORIAN K FUENTES E-Mail: djvo@chevron.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7631	8. Well Name and No. HH SO 10 P3 8H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T26S R27E Mer NMP NENW 603FSL 2066FWL		9. API Well No. 30-015-43937
		10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP GAS
		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
	<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 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 recompleat 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 request to change the intermediate casing depths to avoid a possible frac hit. We will set the casing in the Third Bone Spring carbonate formation to ensure a good FIT and to avoid a frac hit. The cement volumes have been updated to reflect the change to the setting depth.

Please refer to the attached.

Should you have questions, please contact ROD @ 281-413-9794.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

FEB 14 2018

RECEIVED

*Rejected - well names do not match w/ well sundry is associated w/*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #387248 verified by the BLM Well Information System For CHEVRON 4323, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 10/02/2017 ()	
Name (Printed/Typed) DORIAN K FUENTES	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 09/01/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved <i>Rejected.</i>	Date 02/06/2018
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	
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)

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

RNF 2-14-18

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



## **Well Names:**

<b>HH SO 10 P2</b>	<b>21H</b>	
<b>HH SO 10 P2</b>	<b>22H</b>	
<b>HH SO 10 P2</b>	<b>23H</b>	
<b>HH SO 10 P2</b>	<b>24H</b>	
<b>HH SO 10 P2</b>	<b>25H</b>	
<b>HH SO 10 P2</b>	<b>26H</b>	

**Rig:** **Patterson 815**

## **CVX CONTACT:**

**Roderick Milligan**  
MCBU Drilling Engineer  
Chevron North America Exploration and Production Co.  
MidContinent Business Unit  
Office: (713) 372-2011  
Cell: (281) 413-9794  
Email: [RXMQ@CHEVRON.COM](mailto:RXMQ@CHEVRON.COM)

## Summary of Changes to APD Submission

Chevron respectfully request to change the intermediate casing setting depths to avoid a possible frac hit. We will set the casing in the Third BoneSpring carbonate formation to ensure a good FIT and to avoid a frac hit. The cement volumes have been updated to reflect the change to the setting depth.

### 4. CASING PROGRAM

Purpose	From	To	Hole Size	Csg Size	Weight	Grade	Thread	Condition
Surface	0'	450'	17-1/2"	13-3/8"	54.5 #	K-55	STC	New
Intermediate	0'	8,700'	12-1/4"	9-5/8"	40.0 #	L-80	TXP	New
Production	0'	XXXX	8-1/2"	5-1/2"	20.0 #	P-110	TXP	New

Slurry	Type	Cement Top	Cement Bottom	Weight	Yield	% Excess	Sacks	Water
Intermediate								
Stage 2 Lead	50:50 Poz: Class C + Antifoam, Extender, Salt, Retarder	0'	1,100'	11.9	2.43	0	142	14.21
Stage 2 Tail	Class C + Antifoam, Retarder, Viscosifier	1,100'	2,100'	14.8	1.33	0	235	6.37
DV Total		2,100'						
Stage 1 Lead	50:50 Poz: Class C	2,100'	8,015'	11.9	2.43	0	762	13.76
Stage 1 Tail	Class H	8,015'	8,700'	15.6	1.21	0	259	5.54

## Changes Summary

**Summary:** Variance to change the intermediate casing setting depths to avoid a possible frac hit. We will set the casing in the Third BoneSpring carbonate to ensure a good FIT and to avoid a frac hit. The cement volumes have been updated to reflect the change to the setting depth.