

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCG Artesia

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 or
abandoned well. Use form 3160-3 (APD) for such proposals.*

Lease Serial No.
NMNM121473

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		8. Well Name and No. Multiple--See Attached
2. Name of Operator CHEVRON USA INCORPORATED Contact: DORIAN K FUENTES E-Mail: DJVO@CHEVRON.COM		9. API Well No. Multiple--See Attached
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7631	10. Field and Pool or Exploratory Area ABO PURPLE SAGE-WOLFCAMP (GAS)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		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.

Summary: Variance to batch drill the HH SO 10 15 FED 002 not requested in the MDP nor original submission.

Chevron respectfully requests the ability to batch drill in the HH SO 10 15 FED 002. The summary provided is a brief description of the main operational sequences for drilling and casing the six wells referenced as follow:

HH SO 10 15 FED 002 6H 30-015-44367
HH SO 10 15 FED 002 5H 30-015-44371
HH SO 10 15 FED 002 4H 30-015-44353
HH SO 10 15 FED 002 3H 30-015-44351
HH SO 10 15 FED 002 2H 30-015-44354
HH SO 10 15 FED 002 1H 30-015-44352

OC 1-16-18
Accepted for record - NMOCD

See COA on Sundry 399736-25

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

Electronic Submission #398949 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by ZOTA STEVENS on 01/02/2018 (18ZS0024SE)

Name (Printed/Typed) DORIAN K FUENTES	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 12/22/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ZOTA STEVENS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>01/10/2018</u>
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 <u>Carlsbad</u>

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 #398949 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM121473	NMNM121473	HH SO 10 15 FED 002 2H	30-015-44354-00-X1	Sec 3 T26S R27E SWSW 214FSL 833FWL 32.064594 N Lat, 104.184273 W Lon
NMNM121473	NMNM121473	HH SO 10 15 FED 002 3H	30-015-44351-00-X1	Sec 3 T26S R27E SWSW 239FSL 833FWL 32.064663 N Lat, 104.184273 W Lon
NMNM121473	NMNM121473	HH SO 10 15 FED 002 4H	30-015-44353-00-X1	Sec 3 T26S R27E SWSW 264FSL 833FWL 32.064732 N Lat, 104.184265 W Lon
NMNM121473	NMNM121473	HH SO 10 15 FED 002 5H	30-015-44371-00-X1	Sec 3 T26S R27E SWSW 289FSL 833FWL 32.064800 N Lat, 104.184265 W Lon
NMNM121473	NMNM121473	HH SO 10 15 FED 002 6H	30-015-44367-00-X1	Sec 3 T26S R27E SWSW 314FSL 833FWL 32.064869 N Lat, 104.184265 W Lon
NMNM121473	NMNM121473	HH SO 10 15 FED 002 1H	30-015-44352-00-X1	Sec 3 T26S R27E NWNW 189FSL 833FWL 32.064526 N Lat, 104.184273 W Lon

32. Additional remarks, continued

Please refer to the attached additional documents for your reference and should you have any questions, please contact me.

Delaware Basin in Eddy County

Changes to APD FOR Federal Wells Batch Drill

HH SO 10 15 FED 002	6H	30-015-44367
HH SO 10 15 FED 002	5H	30-015-44371
HH SO 10 15 FED 002	4H	30-015-44353
HH SO 10 15 FED 002	3H	30-015-44351
HH SO 10 15 FED 002	2H	30-015-44354
HH SO 10 15 FED 002	1H	30-015-44352

CVX Contact: Rod Milligan, Drilling Engineer 281-413-9794

CVX Contact: Dorian K. Fuentes, Regulatory Specialist 432 687 7631

Surface Hole:

1. Drill 17-1/2" surface hole with fresh water to planned casing set depth with 10' rat hole.
2. Run casing as stated by approved APD, land out wellhead, and cement.
3. Dress out 13-5/8" 5M SH-2 wellhead and install/secure with temporary abandonment cap and a pressure gauge will be installed. Reference image below Part U 399984.
4. Skid to next well according to below "Drill Order".

Repeat steps 1 through 3 until all six surface holes are drilled, cased and cemented.

Intermediate Hole:

1. N/U, using an API approved Quick-Connect and test 13-5/8" 10M Class IV BOP to 250 psi/5,000 psi.
2. Test casing to required pressure. Drill out shoe track and 10' of new formation. Perform FIT. Drill 12-1/4" intermediate hole to planned casing set depth with 10' of rat hole.
3. Run casing as stated by approved APD, land out hanger and cement.

Production Hole:

1. Test casing to required pressure. Drill out shoe track and 10' of new formation. Perform FIT. Drill 8 1/2" vertical section, curve and lateral as stated by approved APD.
2. Run casing as stated by approved APD, cement, land out hanger and cement.
3. Install back pressure valve and temporary abandonment cap.

Repeat steps in intermediate hole and production hole until all six wells are drilled, cased and cemented.

6 well pad Bi-lateral Patterson Mock Pad



Rig layout shows
rig in first and last
well for illustration
purposes.

H2S Monitor Locations

- Bop/Cellar
- Rig Floor
- Shaker Skid
- Bell Nipple

Flag Locations

- Sign-in Shack
- Rig Floor
- Dog House

10 Minute Escape Pads

- 1 at Pits
- 1 at Trip Tank
- 1 at Accumulator
- 4 at Rig Floor

45 Minute Escape Pads

- 2 at Briefing Area
- 2 at Alternate Briefing Area

Legend

- H2S Monitor
- Flag



