

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
NMNM114968

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
HH CE 35 02 FED 006 1H  
*multiple wells*

2. Name of Operator  
CHEVRON  
Contact: SAMEERA ESQUIBEL  
E-Mail: seep@chevron.com

9. API Well No.  
30-015-44347

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  
PURPLE SAGE;WOLFCAMP(GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 35 T25S R27E Mer NMP 2514FSL 475FEL

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 APD
	<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 recomplate 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.

Summary: Variance to batch drill the HH CE 35 2 FED 006 not requested in the MDP nor original submittal.

Chevron respectfully request the ability to batch drill in the HH CE 35 2 FED 006. The summary provided is a brief description of the main operational sequences for drilling and casing the six wells referenced.

- HH CE 35 2 FED 006 1H 30-015-44347
- HH CE 35 2 FED 006 2H 30-015-44346
- HH CE 35 2 FED 006 3H 30-015-44350
- HH CE 35 2 FED 006 4H 30-015-44349
- HH CE 35 2 FED 006 5H 30-015-44345

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 06 2017

**SEE ATTACHED FOR RECEIVED**  
**CONDITIONS OF APPROVAL**  
*Accepted for record - NMOCD*

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

Electronic Submission #391021 verified by the BLM Well Information System For CHEVRON, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/26/2017 ()

Name (Printed/Typed) SAMEERA ESQUIBEL Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 10/05/2017

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date OCT 16 2017

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 \*\***

**Additional data for EC transaction #391021 that would not fit on the form**

**32. Additional remarks, continued**

HH CE 35 2 FED 006 6H 30-015-44348

Please refer to the attached documents for additional information and should you have any questions please contact [seep@chevron.com](mailto:seep@chevron.com).

Delaware Basin in Eddy County

Changes to APD FOR Federal Wells

HH CE 35 2 FED 006	1H	30-015-44347	nmmnm 107369
HH CE 35 2 FED 006	2H	30-015-44346	nmmnm 114968
HH CE 35 2 FED 006	3H	30-015-44350	
HH CE 35 2 FED 006	4H	30-015-44349	
HH CE 35 2 FED 006	5H	30-015-44345	
HH CE 35 2 FED 006	6H	30-015-44348	

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

CVX Contact: Sameera Esquibel, 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 8-3/4" 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

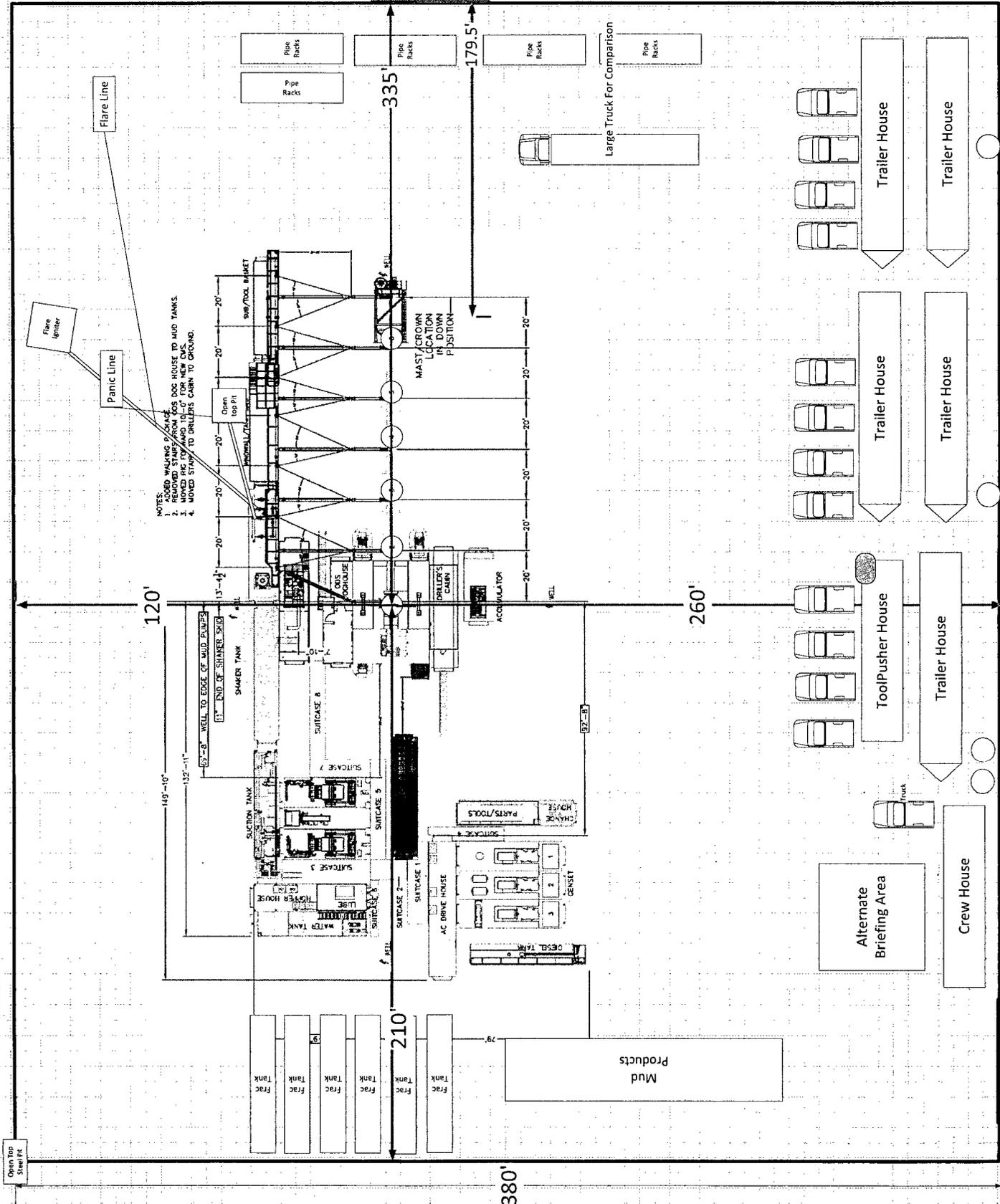


Rig layout shows rig in first and last well for illustration purposes.

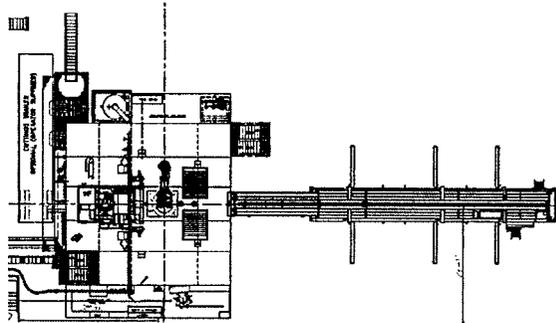
- H2S Monitor Locations**
- Bop/Cellar
  - Rig Floor
  - Shaker Skid
  - Bell Nipple
- Flag Locations**
- Sign-in Shack
  - Rig Floor
  - Dog House
- 10 Minute Escape Packs**
- 1 at Pits
  - 1 at Trip Tank
  - 1 at Accumulator
  - 4 at Rig Floor
- 45 Minute Escape Packs**
- 2 at Briefing Area
  - 2 at Alternate Briefing Area

**Legend**

- H2S Monitor
- ◉ Flag



Location Entrance



## CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Chevron USA Incorporated
WELL NAMES & NO.:	HH CE 35 2 Fed 61H 30-025-44347 HH CE 35 2 Fed 62H 30-025-44346 HH CE 35 2 Fed 63H 30-025-44350 HH CE 35 2 Fed 64H 30-025-44349 HH CE 35 2 Fed 65H 30-025-44345 HH CE 35 2 Fed 66H 30-025-44348
LOCATION:	Section 35, T.25S., R27E., NMPM
COUNTY:	Eddy County, New Mexico

**The original COAs for each well still stand with the following drilling modifications:**

- Once the Rig is on location, it will drill the above mentioned wells in conjunction using batch drilling.
- BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as the Rig is rigged up on well and each time the BOP/BOPE is nipped up. CIT for all casing shall be performed and results recorded on subsequent sundry.

**A. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

Option 1 - BOP testing if wells are drilled conventionally- BOP is not removed between casing strings.

3. **Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 5000 psi.**
  - a. **Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.**
  - b. **If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.**
  - c. **Manufacturer representative shall install the test plug for the initial BOP test.**
  - d. **Operator shall perform the intermediate casing(s) integrity test to 70% of the casing burst. This will test the multi-bowl seals.**
  - e. **If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**

**5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.**

Option 2 - BOP testing for Batch Drilling-BOP is removed between casing strings

4. **Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 5000 (5M) psi. 5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure. BOP/BOPE shall be tested after nipple up according to Onshore Order #2.**
5. **The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.**
  - a. **In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).**

- b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer**.
- c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- d. The results of the test shall be reported to the appropriate BLM office.
- e. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

**JAM 102617**