

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.

Field Office

D Artesia

5. Lease Serial No.
NMNM042625

6. Operator, Allottee or Tribe Name

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

8. Well Name and No.
COTTON DRAW UNIT 272H

9. API Well No.
30-015-43724

10. Field and Pool or Exploratory Area
PADUCA; BONE SPRING

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY
Contact: LINDA GOOD
Email: linda.good@dvn.com

3a. Address
333 WEST SHERIDAN AVE.
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-552-6558

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T25S R31E Mer NMP NWNE 225FNL 1350FEL

SUBMIT IN TRIPLICATE - Other instructions on page 2

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 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.

Devon Energy respectfully requests to change the 5.5" production cement job from a 2 stage job as stated in the original APD to a single stage job. We propose to pump an 11 ppg lead slurry, and will use a 13.2 ppg tail slurry instead of the 14.8 ppg tail slurry in the original APD. Attached are the casing and cement design tables.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 19 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #378599 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by MUSTAFA HAQUE on 06/12/2017 ()

Name (Printed/Typed) LINDA GOOD Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 06/12/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Mustafa Haque Title PETROLEUM ENGINEER Date 6/12/2017

Office BUREAU OF LAND MANAGEMENT
CFO CARLSBAD FIELD 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 ****

RW 6-19-17

Cotton Draw Unit 272H Production Cement Sundry Request

Casing Design

| Hole Size | Casing Interval | | Csg. Size | Weight (lbs) | Grade | Conn . | SF Collapse | SF Burst | SF Tension |
|---------------------------|-----------------|---------|-----------|--------------|-------|--------|-------------|----------|--------------------|
| | From | To | | | | | | | |
| 8.75" | 0 | 14,787' | 5.5" | 17 | P-110 | BTC | 1.54 | 2.19 | 3.18 |
| BLM Minimum Safety Factor | | | | | | | 1.125 | 1.00 | 1.6 Dry 1.8 Wet |

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Cement Program

| Casing | # Sk | Wt. lb/gal | H ₂ O gal/sk | Yld ft ³ /sack | 500# Comp. Strength (hours) | Slurry Description |
|--------------------------|-------------------|------------|-------------------------|---------------------------|-----------------------------|--|
| 5-1/2" Prod Single Stage | 583 | 11 | 20.22 | 3.26 | 28 | Lead #1 : NeoCem™ |
| | 1147 | 13.2 | 6.89 | 1.4 | 6 | Tail: NeoCem™ |
| 5-1/2" Prod Two Stage | 480 | 11 | 19.8 | 3.19 | 48 | Lead: NeoCem™ |
| | 1157 | 13.2 | 7.18 | 1.43 | 6 | Tail: NeoCem™ |
| | DV Tool = 4,700ft | | | | | |
| | 40 | 11 | 19.8 | 3.19 | 48 | Lead: NeoCem™ |
| | 30 | 14.8 | 6.32 | 1.33 | 6 | 2 nd Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake |

If a DV tool is ran, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

| Casing String | TOC | % Excess |
|---|---|----------|
| 5-1/2" Production Casing | 4,100' | 10% |
| 5-1/2" Production Casing Two Stage Option | 1 st Stage = 4700' / 2 nd Stage = 4150' | 10% |

4100'

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

| | |
|------------------------------|--|
| OPERATOR'S NAME: | Devon Energy Production Company, L.P. |
| LEASE NO.: | NMNM-046525 |
| WELL NAME & NO.: | Cotton Draw Unit 272H |
| SURFACE HOLE FOOTAGE: | 0225' FNL & 1350' FEL |
| BOTTOM HOLE FOOTAGE: | 0330' FSL & 1450' FEL |
| LOCATION: | Section 03, T. 25 S., R 31 E., NMPM |
| COUNTY: | Eddy County, New Mexico |

A. CASING

All previous COAs still apply except the following:

1. The minimum required fill of cement behind the 5-1/2 inch production casing is:

Option 1:

- Cement should tie-back at least **200** feet into previous casing. Operator should provide method of verification.

Option 2:

Operator has proposed DV tool at depth of 4700', but will adjust cement proportionately if moved. DV tool shall be set a minimum of 50' below previous shoe and a minimum of 200' above current shoe. Operator shall submit sundry if DV tool depth cannot be set in this range. If an ECP is used, it is to be set a minimum of 50' below the shoe to provide cement across the shoe. If it cannot be set below the shoe, a CBL shall be run to verify cement coverage.

a. First stage to DV tool:

- Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

- Cement should tie-back at least **200** feet into previous casing. Operator should provide method of verification. **Excess calculates to 9% - additional cement might be required.**

MHH 06122017