

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**Carlsbad Field Office**
CCD 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.Lease Serial No.
NMNM16348**SUBMIT IN TRIPLICATE - Other instructions on page 2**

| | | |
|--|---|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 8. Well Name and No. LUSITANO 27-34 FED COM 336H |
| 2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: ERIN WORKMAN E-mail: Erin.workman@dev.com | | 9. API Well No. 30-015-44425-00-X1 |
| 3a. Address 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 | 3b. Phone No. (include area code) Ph: 405-552-7970 | 10. Field and Pool or Exploratory Area JENNINGS-BONE SPRING, WEST |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T25S R31E NENE 235FNL 325FEL 32.107914 N Lat, 103.758591 W Lon | | 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 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.

Lusitano 27-34 Fed Com 336H Sundry Request

OC 12-5-17
Accepted for record - NMOCD**1. SUMMARY OF CHANGES:**

Devon Energy respectfully requests approval for the following changes and additions to the drilling plan:

a. Updated cementing program for the intermediate hole section adjusted to satisfy medium cave/karst requirements.

b. Intermediate squeeze contingency if well goes on full losses during cement

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 04 2017

RECEIVED

| | |
|--|-----------------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #396310 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 11/29/2017 (18MH0008SE) | |
| Name (Printed/Typed) ERIN WORKMAN | Title REGULATORY COMPLIANCE PROF. |
| Signature (Electronic Submission) | Date 11/29/2017 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|---------------------------------|------------------------|
| Approved By <u>MUSTAFA HAQUE</u> | Title <u>PETROLEUM ENGINEER</u> | Date <u>12/01/2017</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 #396310 that would not fit on the form

32. Additional remarks, continued

job.

Attachement: Updated Cement Program



Lusitano 27-34 Fed Com 336H Sundry Request

Casing Program

| Hole Size | Casing Interval | | Csg. Size | Weight (lbs) | Grade | Conn. | SF Collapse | SF Burst | SF Tension |
|-----------|-----------------|---------|-----------|--------------|---------|-------|-------------|----------|------------|
| | From | To | | | | | | | |
| 12.25" | 0 | 4,500' | 9.625" | 40 | J-55 | BTC | 1.125 | 1.25 | 1.6 |
| | 4,500' | 8,205' | 9.625" | 40 | P-110HC | BTC | 1.125 | 1.25 | 1.6 |
| 8.75" | 0 | 21,628' | 5.5" | 20 | P110 | BTC | 1.125 | 1.25 | 1.6 |

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

Cementing Program

| Casing | # Sks | Wt. lb/gal | H ₂ O gal/sk | Yld ft ³ /sack | 500# Comp. Strength (hours) | Slurry Description |
|---------------------------------|-------|------------|-------------------------|---------------------------|-----------------------------|--|
| 9-5/8" Inter. | 2,127 | 13.2 | 7.93 | 1.6 | 8 | Lead: Tuned Light® Cement |
| | 180 | 14.8 | 6.32 | 1.33 | 6 | Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake |
| 9-5/8" Intermediate Contingency | 2,127 | 14.8 | 6.32 | 1.32 | 8 | Class C Cement + 0.125 lbs/sack Poly-E-Flake |
| | 180 | 14.8 | 6.32 | 1.33 | 6 | Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake |

Intermediate squeeze contingency if well goes on full losses during cement job.

| Casing String | TOC | % Excess |
|--------------------------|-------|----------|
| 9-5/8 5/8" Intermediate | 0' | 50% |
| 5-1/2" Production Casing | 8000' | 25% |

**Lusitano 27-34 Fed Com 336H
30-015-44425
Devon Energy
Surface Location: Sec. 27, T. 25S, R. 31E
Conditions of Approval**

DRILLING

- **Run GR/Cement Bond Log from at least 100' above 9 5/8" float collar to surface.**
- **Submit Cement Bond Log (CBL) copy to BLM.**