

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.

5. Lease Serial No.
NMNM16348

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM137693

8. Well Name and No.
LUSITANO 27-34 FED COM 536H

9. API Well No.
30-015-44427-00-X1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY
Contact: REBECCA DEAL
Email: Rebecca.Deal@dvn.com

3a. Address
6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88211

3b. Phone No. (include area code)
Ph: 405-228-8429

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T25S R31E NENE 435FNL 325FEL
32.107365 N Lat, 103.758400 W Lon

10. Field and Pool or Exploratory Area
JENNINGS-BONE SPRING, WEST

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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Water Disposal

Carlsbad Field Office
OCD Artesia

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.

TOC COA Proposed Remediation

Upon review of the CBL, the TOC does not meet COA requirements. As per the COA the TOC needs to be 4212?, UltraView Cement Evaluation Log shows lightweight cement up to 4750? and good cement at 5100?. The intermediate shoe is at 4412?. After running the cement evaluation log, Devon attempted to establish injection down the 5-1/2?x9-5/8? annulus. An injection rate of 2 bpm and 600 psi was achieved, indicating that the performance of a bradenhead squeeze down the 5-1/2?x9-5/8? annulus to remediate the low TOC is possible. Devon respectfully requests to perform the remediation after the frac scheduled to start 8/25.

GC 9-7-18
Accepted for record - NMOCD

During the frac job, Devon will tie into the 5-1/2?x9-5/8? annulus, install a pressure transducer,

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

**Electronic Submission #431734 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by ZOTA STEVENS on 08/17/2018 (18ZS0137SE)**

Name (Printed/Typed) REBECCA DEAL	Title REGULATORY COMPLIANCE PROFESSI
Signature (Electronic Submission)	Date 08/17/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ZOTA STEVENS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/17/2018</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 #431734 that would not fit on the form

32. Additional remarks, continued

and a pop-off set at 1500 psi. The pressure will be monitored and recorded at all times. After the frac, Devon will tie into 5-1/2"x9-5/8" annulus and attempt to establish an adequate injection rate. Based off the previous injection test performed Devon has good indication that a bradenhead squeeze to bring TOC above the COA requirement can be performed. If an injection rate is established, Devon will remediate the low toc by pumping a bradenhead squeeze down the 5-1/2"x9-5/8" annulus.

An UltraView Log will be emailed due to size.