

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0544986
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: TRINA C COUCH Email: trina.couch@devn.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-228-7203	8. Well Name and No. ALDABRA 25 FEDERAL COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T23S R31E SWSW 200FSL 635FWL		9. API Well No. 30-015-38612-00-X1
		10. Field and Pool, or Exploratory JENNINGS
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

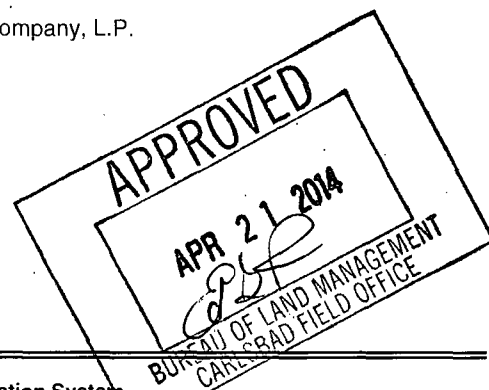
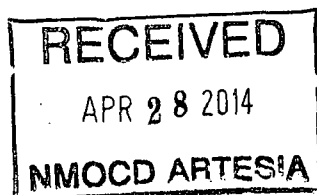
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

With the BLM's approval given on 4/18/2014 per Ed Fernandez, Devon Energy Production Company, L.P. respectfully requests to pursue moving forward with drilling as requested.

Attached: Drilling Procedure

Accepted for record  
NMOCD 4-28-14  
JCS



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #242711 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 04/21/2014 (14KMS8219SE)</b>	
Name (Printed/Typed) TRINA C COUCH	Title REGULATORY ASSOCIATE
Signature (Electronic Submission)	Date 04/21/2014

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

Approved By <u>EDWARD FERNANDEZ</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>04/21/2014</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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Drilling Procedure

After we did not circulate cement to surface on our 3<sup>rd</sup> stage cement job, Devon ran a temperature survey and estimate TOC to be at 3,900 ft. (568' above the 13-3/8" casing shoe which is set at 4,468' MD). Devon then attempted to run 1" pipe down the backside of the 9-5/8" casing to perform our remedial cement job and bring cement to surface. This was all done with prior approval from the BLM to proceed in this manner. In Devon's attempt to do so, Devon ran into pipe restrictions and were only able to get 1" tubing down to 91 ft. Tubing and casing dimensions are listed below.

1. 1" tubing collar OD is 1.6". The 9-5/8" collar OD is 10-5/8". The 13-3/8" casing ID is 12.415". Clearance between 13-3/8"x9-5/8" is 1.8". If the 9-5/8" casing is centered in the 13-3/8" casing, this leaves 0.6" on either side.
  2. There are centralizers on 1<sup>st</sup> and 2<sup>nd</sup> joints of casing & one on every 4 jts below.
- If the 9-5/8" (OD of 9-5/8" collar is 10.625") casing is centered inside 13-3/8" casing, ID = 12.415", 1" pipe would not be able to be run in the hole. Only way 1" could be run, is if the 9-5/8" pipe is laid up on one side of the 13-3/8" casing, giving us just enough clearance to have the 1" tubing collars pass through. Devon attempted numerous times to get past 91 ft. and was unsuccessful. Devon believes that the 1" tubing collar is getting hung up on 9-5/8" casing collar &/or centralizer, not allowing us to proceed any further.

With these restrictions and consulting with the BLM, Devon sealed up the backside of the 9-5/8" casing and pressured up to 750 psi and held for 30 minutes. With the added weight of our fresh water fluid column, this results in a total pressure of approximately 2,439 psi our cement from the 3<sup>rd</sup> stage is holding inside the 13-3/8" casing, assuming TOC is at 3,900'. The pressure drop was approximately 35 psi over the 30 minute time span. The pressure test chart is attached for your reference.

Devon Energy ran this deep 9-5/8" casing to 8,330 ft. to cover up the Delaware formation where lost circulation was encountered and circulation was never able to be regained. Devon requests a variance to the previously approved sundry on November 13, 2013 by Jennifer Mason to no longer bring cement to surface on the 9-5/8" cement job. This is due to Devon's failed attempt to bring cement to surface by using 2 packers and 2 DV tools. Devon request that the 568' cement tie back into the 13-3/8" casing be sufficient to move forward with drilling operations and requests approval to forgo any additional remedial cement work on the 9-5/8" casing. Devon now intends to bring cement to surface on the 5.5" production casing and will submit a sundry to alter the previously approved cement design to achieve circulating cement to surface. Before the 5.5" production casing is ran, Devon will also run a CBL on the 9-5/8" cement job and receive prior approval before running the 5.5" production string. Devon is also aware that this well is in a potash area. Devon recognizes the fact that cement will be needed to fill the 9-5/8" casing annulus to properly P&A this well.