

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

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.*

OCD Artesia  
JAN 08 2013  
**ARTEZIA**

5. Lease Serial No.  
NMNM0107697

6. If Indian, Allottee or Tribe Name

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

**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		8. Well Name and No. SPICA 25 FEDERAL 2H
2. Name of Operator DEVON ENERGY PRODUCTION CO		9. API Well No. 30-015-40222-00-X1
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102		10. Field and Pool, or Exploratory HACKBERRY
3b. Phone No. (include area code) Ph: 405-552-4524		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T19S R31E SWNW 1980FNL 340FWL		

**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 recomple 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 recomple 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.)

Devon Energy Production Co, LP respectfully requests to perform the following in an attempt to cmt sqz leak @ DV Tool, DO & Test - if successful, run csg patch across cmt sqz/DV Tool failure. Resume w/ frac to complete lateral.

**Procedure:**

- MIRU PU, test anchors as necessary. Hold PJSA
- RIH w/ RBP and set at +/-5,500' MD. Dump 2 SX of sd top of BP.
- RIH w/ Squeeze Pkr on WS & set @ +/-4,400' MD
- Establish IR into DV Tool Leak.
- Attempt to squeeze leak by pumping 200 SX Cl "C" cmt w/ 2% CaCl, followed by 100 SX Cl "C" Neat.
- DO cmt sqz & test 5-1/2" 17# csg to 500 PSI.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Accepted for record  
NMOCD

105/1/8/2013

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

**Electronic Submission #166931 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 12/21/2012 (13KMS4249SE)**

Name (Printed/Typed)	MELANIE A CRAWFORD	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	12/19/2012

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

Approved By	WESLEY INGRAM	Title	PETROLEUM ENGINEER	Date	01/03/2012
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 Carlsbad			

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.

**Additional data for EC transaction #166931 that would not fit on the form**

**32. Additional remarks, continued**

7. If sqz is successful, proceed w/ installation of 5-1/2" 17# csg patch across sqz/DV Tool.
8. Resume frac stimulation operations to complete lateral.

Thanks

**Spica 25 Federal 2H  
30-015-40222  
Devon Energy Production Co. L.P.  
January 3, 2013  
Conditions of Approval**

- 1. Operator informed BLM when the oral approval was given for the squeeze and test that they would be installing a 10,000 psi casing patch.**
- 2. According to Devon, the Weatherford patch is rated for 10,000 psi and could be down-rated to 9850 psi if the leak is minimal. Operator shall take into account the hydrostatic head of the fluid in the well bore when determining the maximum allowable surface pressure for the fracture treatment.**
- 3. Casing patch shall be tested to maximum treating pressure to verify integrity.**

**WWI 010313**