

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		8. Well Name and No REGULUS 26 FEDERAL 4H
2. Name of Operator DEVON ENERGY PRODUCTION CO LP		9. API Well No. 30-015-40041-00-X1
Contact: MELANIE A CRAWFORD Email: melanie.crawford@devon.com		
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-4524	10. Field and Pool, or Exploratory HACKBERRY
4. Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 26 T19S R31E SESE 400FSL 340FEL		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.)

Devon Energy Production Co, LP respectfully request to change the cementing operation for the 5 1/2" casing on the Regulus 26 Fed 4H. The original plan called for a two stage cement job. At this time we are in the lateral section and have not seen any lost circulation in the production hole, we would like to remove the DV tool from the casing string and change the cement program to a single stage job. Attached is the new cement proposal and the 5 1/2" cementing recipes for comparison.

Thank you

Decision made after reviewing the CBL for the Vega 29 Fed 2H

**Conditions of Approval**

Cement should tie-back a minimum of 200 feet above the Capitan Reef. Operator shall provide method of verification. (Highly recommend Running a CBL)

RECEIVED

MAY 31 2012

NMOCD ARTESIA

Electronic Submission #138980 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 05/25/2012 (12KMS2137SE)

Name (Printed/Typed) MELANIE A CRAWFORD	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/25/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ	Title PETROLEUM ENGINEER
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.

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

### **Original Cementing Plan:**

DV Tool set at: 5,000'

#### **Stage 1:**

Lead Slurry: 910 sacks of (35:65) Poz (Fly Ash): Class H Cement + 3% bwow Sodium Chloride + 0.125lbs/sack Cello Flake + 0.7% bwoc FL-52 + 6% bwoc Bentonite + 105.4% Fresh Water. Density: 12.5ppg Yield: 2.0 cf/sack

Tail Slurry: 1270 sacks (50:50) Poz (Fly Ash): Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.5% bwoc FL-52 + 0.45%bwoc Sodium Metasilicate + 57.2% Fresh Water. Density: 14.2ppg Yield: 1.28 cf/sack

#### **Stage 2:**

Lead Slurry: 250 sacks of Class C Cement + 1% bwoc R-3 + 0.125lbs/sack Cello Flake + 3% bwoc Sodium Metasilicate + 157% Fresh Water. Density: 11.4ppg Yield: 2.88 cf/sack

Tail Slurry: 150 sacks (60:40) Poz (Fly Ash): Class C Cement + 5% bwow Sodium Chloride + 0.125lbs/sack Cello Flake 52 + 0.4%bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 65.5% Fresh Water. Density: 13.8ppg Yield: 1.38 cf/sack

### **Proposed Cementing Plan:**

1<sup>st</sup> Lead Slurry: 665 sacks (50:50) Poz (Fly Ash):Class H Cement +0.5% bwoc FL-52 + 0.3% bwoc ASA-301 + 10% bwoc Bentonite + 0.3% bwoc R-21 + 130.7% Fresh Water. Density: 11.8ppg Yield: 2.3 cf/sack

Lead Slurry: 530 sacks (35:65) Poz (Fly Ash):Class H Cement + 3% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.7% bwoc FL-52 + 6% bwoc Bentonite + 105.4% Fresh Water. Density: 12.50ppg Yield: 2.00 cf/sack

Tail Slurry: 1270 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.5% bwoc FL-52 + 0.45% bwoc Sodium Metasilicate + 57.2% Fresh Water.. Density: 14.20ppg Yield: 1.28 cf/sack