

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. ALDABRA 25 FEDERAL 3H
2. Name of Operator DEVON ENERGY PRODUCTION CO		9. API Well No. 30-015-38614-00-X1
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7970	10. Field and Pool, or Exploratory UNDESIGNATED <i>SAND DUNES; B.S. South</i>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T23S R31E SESW Lot N 200FSL 2260FWL		11. County or Parish, and State EDDY COUNTY, NM <i>(53805)</i>

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

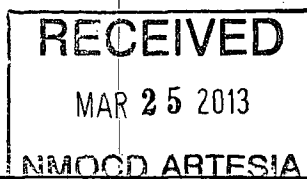
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recomplate 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 recompletion 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 Company, LP respectfully requests the elimination of the DV tool, modify the cement program on the production string, and the co-flex hose designation in the approved APD for the Aldabra 25 Federal 3H. Please see attachment for the changes in each area.

Attachments:  
DV Tool, Cement, & Co-Flex Changes - Word Document

Accepted for record  
NMOCD



SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #202215 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 03/22/2013 (13KMS5609SE)	
Name (Printed/Typed) ERIN L WORKMAN	Title REGULATORY COMPLIANCE ASSOC.
Signature (Electronic Submission)	Date 03/21/2013

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

Approved By <u>CHRISTOPHER WALLS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>03/22/2013</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 \*\***

**Aldabra 25 Fed 3H Sundry**

**25-235-31E**

**30-015-38614**

**03-21-13**

Devon respectfully requests to sundry the elimination of the DV-tool, modification of the cement program on the production string, and the co-flex hose designation in the approved APD for the Aldabra 25 Fed 3H. Each subject area is addressed below with what was contained in the original APD with the requested change.

**DV-Tool placement-original (see below)**

- DV-Tool #1 placed at 6,000'
- DV-Tool #2 placed at 3,800'

5 1/2" Production

*See COA For DV-Tool & Cement*

*See COA*

**1<sup>st</sup> Stage**  
Lead: 560 sacks (35.65) Poz (Fly Ash) Class H Cement + 5% bwoc Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 2% bwoc Bentonite + 0.6% bwoc Sodium Metasilicate + 0.5% bwoc FL-52A + 102.5% Fresh Water, 12.5 ppg, Yield: 2.01 cfsk, Tail: 1,400 sacks (50.50) Poz (Fly Ash) Class H Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 58.2% Fresh Water, 14.2 ppg, Yield: 1.28 cfsk.

**DV-TOOL at 6,000'**

**2<sup>nd</sup> Stage**  
Lead: 325 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 157.8% Fresh Water, 11.4 ppg, Yield: 2.88 cfsk, Tail: 100 sacks (60.40) Poz (Fly Ash) Class C Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 63.2% Fresh Water, 13.8 ppg, Yield: 1.37 cfsk.

**DV-TOOL at 3,800'**

**3<sup>rd</sup> Stage**  
Lead: 375 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 157.8% Fresh Water, 11.4 ppg, Yield: 2.91 cfsk, TOC @ 3975', Tail: 100 sacks (60.40) Poz (Fly Ash) Class C Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 63.2% Fresh Water, 13.8 ppg, Yield: 1.37 cfsk.

TOC = Surface per operation 3/6/2011

The ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA.  
All casing is new and API approved.

**DV-Tool placement-sundry request**

- Eliminate both DV-Tools
- Employ a new cement program to bring cement to 500' inside the intermediate casing to 3,975'

**Cement Program Production String –Sundry request to change the following**

5 1/2" Production

*See COA For DV-Tool & Cement*

*See COA*

**1<sup>st</sup> Stage**  
Lead: 560 sacks (35.65) Poz (Fly Ash) Class H Cement + 5% bwoc Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 2% bwoc Bentonite + 0.6% bwoc Sodium Metasilicate + 0.5% bwoc FL-52A + 102.5% Fresh Water, 12.5 ppg, Yield: 2.01 cfsk, Tail: 1,400 sacks (50.50) Poz (Fly Ash) Class H Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 58.2% Fresh Water, 14.2 ppg, Yield: 1.28 cfsk.

**DV-TOOL at 6,000'**

**2<sup>nd</sup> Stage**  
Lead: 325 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 157.8% Fresh Water, 11.4 ppg, Yield: 2.88 cfsk, Tail: 100 sacks (60.40) Poz (Fly Ash) Class C Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 63.2% Fresh Water, 13.8 ppg, Yield: 1.37 cfsk.

**DV-TOOL at 3,800'**

**3<sup>rd</sup> Stage**  
Lead: 375 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 157.8% Fresh Water, 11.4 ppg, Yield: 2.91 cfsk, TOC @ 3975', Tail: 100 sacks (60.40) Poz (Fly Ash) Class C Cement + 1% bwoc Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 63.2% Fresh Water, 13.8 ppg, Yield: 1.37 cfsk.

TOC = Surface per operation 3/6/2011

The ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA.  
All casing is new and API approved.

**Lead with 750 sks**

EconoCem - H

0.3 % Econolite (Free Water Control)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)  
0.3 % HR-601 (Retarder)

Fluid Weight: 11.80 lbm/gal  
Slurry Yield: 2.52 ft<sup>3</sup>/sk  
Total Mixing Fluid: 14.55 Gal/sk  
Top of Fluid: 3975 ft  
Calculated Fill: 6053 ft  
Volume: 335.50 bbl  
Calculated Sacks: 748.09 sks  
Proposed Sacks: 750 sks

**Tail-in with 1700 sks**

VersaCem - H

0.5 % Halad(R)-344 (Low Fluid Loss Control)  
0.4 % CFR-3 (Dispersant)  
1 % Salt (Salt)  
0.2 % HR-601 (Retarder)

Fluid Weight: 14.50 lbm/gal  
Slurry Yield: 1.21 ft<sup>3</sup>/sk  
Total Mixing Fluid: 5.34 Gal/sk  
Top of Fluid: 10028 ft  
Calculated Fill: 6500 ft  
Volume: 366.47 bbl  
Calculated Sacks: 1696.26 sks  
Proposed Sacks: 1700 sks

**TOC: 3,975'**

**Co-flex- original**

**C. PRESSURE CONTROL**

- 1 All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP. 53 Sec. 17
2. **Variance approved to use flex line with Serial #34137 from BOP to choke manifold. Check condition of 3" flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. Anchor requirements to be onsite for review. If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).**

**Co-flex- Sundry request**

***Change the wording to allow for flexibility of utilizing co-flex hoses with different serial numbers. The wording below is from a more recent APD allowing flexibility of co-flex hoses as long as the hose is: "of equal size and equal or greater pressure rating".***

2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

### Conditions of Approval

1. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).
2. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - ☒ Cement should tie-back at least 500 feet into previous casing string. Operator shall provide method of verification.