

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.*5 Lease Serial No.  
NMNM97133

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
BLACK JACK 1 FEDERAL 4H

2 Name of Operator

DEVON ENERGY PRODUCTION CO, LP

Contact: MELANIE A CRAWFORD

E-Mail: melanie.crawford@devn.com

9. API Well No  
30-015-37065

3a. Address

20 NORTH BROADWAY  
OKLAHOMA CITY, OK 73102

3b. Phone No (include area code)

Ph: 405-552-4524

10. Field and Pool, or Exploratory  
SAND DUNES; DELAWARE, S

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T24S R30E 330FSL 1980FWL

11 County or Parish, and State

EDDY COUNTY COUNTY, OK

**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	
	<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 respectfully requests to modify the cementing program on the Black Jack 1 Federal 4H on HP 416 (currently running production casing) form a 2 stage to a single stage cement job. The lead is comprised of 11 8ppg and the Tail cement is 14.4pg see attached table 2. TOC of cement remains the same, 0-ft; see attached table 1.

Thank you

Accepted for record

NMOCD

JCS  
4/24/2012

RECEIVED

APR 23 2012

NMOCD ARTESIA

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

Electronic Submission #135616 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 04/17/2012 ( )

Name (Printed/Typed) MELANIE A CRAWFORD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/17/2012

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

PETROLEUM ENGINEER

Approved By

Title

Date

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

Table 1: TOC

	TOC	Volume (bbl)	Volume (sks) aprox.
Lead	Surface	525	2948
Tail	6,510	318	1789

Table 2: Cementing Program Single Stage

Spacer									
Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk	
Pump 10 bbl Fresh Water		10.00	bbl						
Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk	
Pump 1000 gallons Super Flush 101	SUPER FLUSH 101 - SBM (12199)	1,000.00	Gal	10.0					
Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk	
Pump 10 bbl Fresh Water		10.00	bbl						
Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk	
Pump 20 bbl Gel Spacer		20.00	bbl						
2.5 lbm/bbl		WG-19, 50 LB BAG (100003638) Pre-Mix Wet							

Stage 1									
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
5	Lead- EconoCem - H	ECONOCHEM (TM) SYSTEM (452992)	1170	sacks	11.8	2.52	14.53		14.53

0.5 %		ECONOLITE (100001580) Pre-Mix Dry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
0.125 lbm		POLY-E-FLAKE (101216940) Pre-Mix Dry							
0.1 %		HR-601, 50 LB BAG (101328348) Pre-Mix Dry							
14.533 Gal		FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
6	Tail- VersaCem - H	VERSACEM (TM) SYSTEM (452010)	1420	sacks	14.4	1.26	5.64		5.64
5.642 Gal		FRESH WATER Mix-On-Fly to Slurry							
0.5 %		LAP-1 (100012766) Pre-Mix Dry							
0.3 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653) Pre-Mix Dry							
5 %		SALT, BULK (100003695) Pre-Mix Dry							
0.25 lbm		D-AIR 5000, 50 LB SACK (102068797) Pre-Mix Dry							
0.1 %		HR-601, 50 LB BAG (101328348) Pre-Mix Dry							