

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0135  
EXPIRES: NOVEMBER 30, 2000

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other \_\_\_\_\_

2. Name of Operator  
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address and Telephone No.  
20 North Broadway, Oklahoma City, OK 73102 405-228-8699

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
SHL: 330' FSL & 2230' FWL Sec. 1 - T24S - R30E  
BHL: 330' FNL & 1980' FWL PP: 480' FSL & 2222' FWL

5. Lease Serial No.  
NNNM-97133

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.  
Black Jack 1 Federal 4H

9. API Well No.  
30-015-37065

10. Field and Pool, or Exploratory  
Sandhollow, Delaware S 53812

12. County or Parish 13. State  
Eddy NM

CHECK APPROPRIATE BOX(s) 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"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Deepen
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input checked="" type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Casing Cementing

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location 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 requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production L.P. respectfully requests to change the casing program & design factors to read:

HoleSize	HoleInterval	OD Csg	Casing Interval	Weight	Collar	Grade
17-1/2"	0 - 570'	13-3/8"	0 - 570'	48#	STC	H-40
12-1/4"	570' - 3,000'	9-5/8"	0 - 3,000'	36#	STC	J-55
12-1/4"	3,000' - 4,050'	9-5/8"	3,000 - 4,050'	40#	LTC	K-55
8-1/2"	4,500' - 7,350'	5-1/2"	0 - 7,350'	17#	LTC	N-80
8-1/2"	7,350' - 12,360'	5-1/2"	7,350 - 12,360'	17#	BTC	N-80

Casing Size	Collapse Design Factor	Burst Design Factor	Tension Design Factor
13-3/8"	2.64	1.67	2.42
9-5/8" 36# J-55 STC	1.29	2.26	2.63
9-5/8" 40# K-55 LTC	1.22	1.88	13.36
5-1/2"	1.68	2.41	1.60

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed Judy A. Barnett

Name Judy A. Barnett  
Title Regulatory Analyst

APPROVED

Date 11/2/2009

NOV 6 2009

WESLEY W. INGRAM

PETROLEUM ENGINEER

(This space for Federal or State Office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction

\*See Instruction on Reverse Side

MR

## Cementing Program

### 5-1/2" Production

#### 1<sup>st</sup> Stage

**Lead:** 550 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow 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 + 58.3% Fresh Water

**Yield:** 1.95 cf/sk

**Tail:** 1,300 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow 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 + 58.3% Fresh Water

**Yield:** 1.31 cf/sk

**DV TOOL at ~4,500**

#### 2<sup>nd</sup> Stage

**Lead:** 450 sacks (35:65) Poz (Fly Ash):Class C Cement + 1% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite + 0.4% bwoc FL-52A + 103.2% Fresh Water

**Yield:** 2.04 cf/sack

**TOC @ 0 ft**

**Tail:** 300 sacks (60:40) Poz (Fly Ash):Class C Cement + 1% bwow 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

**Yield:** 1.37 cf/sack

**Black Jack 1 Federal 4H**  
**30-015-37065**  
**Devon Energy Production Company, LP**  
**November 6, 2009**  
**Conditions of Approval**

1. The minimum required fill of cement behind the **5-1/2** inch production casing is:

a. First stage to DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job.

b. Second stage above DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office. **Additional cement may be required as the excess calculated to 12%.**

**WWI 110609**