



OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

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.
NM-96212

6. If Indian, Allottee or Tribe Name

AUG 15 2007

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other8. Well Name and No.
Indian Hill 6 Federal 1

2. Name of Operator

Devon Energy Production Co., LP

9. API Well No.

30-013-05-31-30 015 35731

3a. Address

20 North Broadway
OKC, OK 73102

3b. Phone No. (include area code)

(405)-552-7802

10. Field and Pool or Exploratory Area

Angell Ranch; Atoka - Morrow

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

SWSW 660' FSL & 860' FWL
Sec 6-T20S-R28E Lot M

11. Country or Parish, State

Eddy County, NM

12. CHECK THE 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 Change Casing & Cementing
	<input checked="" 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 advises a change to the initial APD as follows:

Hole size 14 3/4", 11 3/4" casing 42# weight to hole size 17 1/2", 13 3/8" casing 48# weight; collar and grade will remain the same.

See attachment for detailed changes to cementing program for the surface, intermediate and production casing strings. DV tool will remain @ 8,500'.

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

Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 08/08/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

APPROVED

AUG 8 2007

Date
WESLEY W. INGRAM
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.

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.

(Instructions on page 2)

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
17 1/2"	0'-400'	13 3/8"	0'-400'	48 #/ft	ST&C	H-40
11"	400'-2850'	8 5/8"	0'-2850'	32 #/ft	LT&C	J-55
7 7/8"	2850'-11,100'	5 1/2"	0'-11,100'	17 #/ft	LT&C	HCP110

CEMENTING PROGRAM FOR SURFACE HOLE

Spacer: 20.0 bbls Fresh Water @ 8.34 ppg

Lead Slurry:	330 sacks (35:65) Poz (Fly Ash): Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite + 93.6% Fresh Water	Mixed at: Yield: Water:	12.8 ppg 1.83 cf/sack 9.76 gal/sack
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Tail Slurry:	200 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% Fresh Water	Mixed at: Yield: Water:	14.8 ppg 1.35 cf/sack 6.35 gal/sack
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CEMENT PROGRAM FOR INTERMEDIATE CASING

Spacer: 20 bbls fresh water @ 8.34 ppg

Lead Slurry:	540 sacks (35:65) Poz (Fly Ash): Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 5 lbs/sack LCM-1 + 6% bwoc Bentonite + 95.8% Fresh Water	Weight: Yield: Water:	12.70 ppg 1.95 cf/sack 10.0 gal/sack
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Tail Slurry:	250 sacks (60:40) Poz (Fly Ash): Class C Cement + 5% bwow Sodium Chloride + 0.5% bwoc Sodium Metasilicate + 4% bwoc MPA-1 + 64.8% Fresh Water	Weight: Yield: Water:	13.80 ppg 1.37 cf/sack 6.37 gal/sack
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CEMENT PROGRAM FOR PRODUCTION CASING

Stage 1:

Spacer: 40.0 bbls Turbo Flow III @ 11.5 ppg
Spacer: 5 bbls Fresh Water @ 8.34 ppg
Spacer: 1,000 gals Surebond III @ 9.35 ppg
Spacer: 10 bbls Fresh Water @ 8.34 ppg

Lead Slurry:	580 sacks (15:61:11) Poz (Fly Ash):	Weight:	13.3 ppg
	Class C Cement: CSE-2 +	Yield:	1.57 cf/sack
	0.75% bwoc EC-1 + 0.6% bwoc	Water:	7.35 gal/sack
	FL-52A + 0.6% bwoc FL-25 +		
	0.125 lbs/sack Cello Flake + 5 lbs/sack		
	LCM-1 + 0.4% bwoc CD-32 + 1% bwow		
	Potassium Chloride + 70.4% Fresh Water		

Stage 2 DV Tool @ 8,500':

Spacer: 10.0 bbls Fresh Water @ 8.34 ppg
Spacer: 1,000 gals Mud Clean II @ 8.34 ppg

Lead Slurry (6,500' to 2,235'):			
	715 sacks (35:65) Poz (Fly Ash)	Weight:	12.5 ppg
	Class H Cement + 0.125 lbs/sack	Yield:	1.95 cf/sack
	Cello Flake + 3 lbs/sack LCM-1	Water:	10.36 gal/sack
	+6% bwoc Bentonite + 0.4% bwoc		
	FL-52A + 99.3% Fresh Water		

Tail Slurry (8,500' to 6,500'):			
	515 sacks (60:40) Poz (Fly Ash):	Weight:	13.8 ppg
	Class H Cement + 1% bwow	Yield:	1.34 cf/sack
	Sodium Chloride + 0.75% bwoc	Water:	6.02 gal/sack
	BA-10 + 0.1% bwoc R-3 + 0.125 lbs/sack		
	Cello Flake + 2 lbs/sack Kol Seal + 4%		
	bwoc MPA-1 + 61.3% Fresh Water		