

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.**5. Lease Serial No.  
NMLC061869

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM1342498. Well Name and No.  
BIG SINKS DRAW 25 FED COM 4H9. API Well No.  
30-015-43551-00-X110. Field and Pool, or Exploratory  
JENNINGS11. County or Parish, and State  
EDDY COUNTY, NM

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

DEVON ENERGY PRODUCTION CO LP

Contact: LINDA GOOD

Email: linda.good@devn.com

## 3a. Address

333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102

## 3b. Phone No. (include area code)

Ph: 405-552-6558

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

Sec 25 T25S R31E SENE 2440FNL 660FEL

## 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 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 respectfully requests to change the intermediate casing set depth along with changing the production casing from a 7" x 5.5" tapered string to a full 5.5" string. Also, Devon Energy requests to change the production cement slurry so that the primary slurry utilizes a 9 ppg lead slurry and 13.2 ppg tail slurry. Please see the Geoprog, casing design and cement tables attached.

*Original COA's still Apply*NM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 13 2016

RECEIVED

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

Electronic Submission #349608 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/31/2016 (16DLM0786SE)

Name (Printed/Typed) LINDA GOOD

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 08/31/2016

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHARLES NIMMER

Title PETROLEUM ENGINEER

Date 08/31/2016

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 \*\***

**Big Sinks Draw 25 fed Com 4H Sundry Request**

<b>Formation</b>	<b>Depth (TVD) from KB</b>	<b>Water/Mineral Bearing/ Target Zone?</b>	<b>Hazards*</b>
Rustler	947	Barren	
Top of Salt	1327	Barren	
Base of Salt	4171	Barren	
Delaware	4429	Oil	
Bell Canyon	4453	Oil	
Cherry Canyon	5372	Oil	
Brushy Canyon	6739	Oil	
Madera	8023	Oil	
Lower Brushy Canyon	8131	Oil	
1st Bone Lime	8341	Oil	
1BSSS	9377	Oil	
2BSLM	9631	Oil	
2BSSS	9995	Oil	
2BSSS_LOWER	10345	Oil	

**Casing Design**

<b>Hole Size</b>	<b>Casing Interval</b>		<b>Csg. Size</b>	<b>Weight (lbs)</b>	<b>Grade</b>	<b>Conn</b>	<b>SF Collapse</b>	<b>SF Burst</b>	<b>SF Tension</b>
	<b>From</b>	<b>To</b>							
17.5"	0	1,020'	13.375"	48	H-40	STC	1.60	3.60	10.48
12.25"	0	3,400'	9.625"	36	J-55	LTC	1.15	1.66	1.97
12.25"	3,400'	4,300'	9.625"	40	J-55	BTC	1.18	1.81	3.10
8.75"	0	17,674'	5.5"	17	P-110	BTC	1.57	1.95	3.18
BLM Minimum Safety Factor							1.125	1.00	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

## Cement Program

Casing	# Sks	Wt. lb/gal	H <sub>2</sub> O gal/sk	Yld ft <sup>3</sup> /sack	500# Comp. Strength (hours)	Slurry Description
13-3/8" Surface	410	13.5	9.07	1.72	12	Lead: Class C Cement + 4% Bentonite Gel + 0.125 lbs/sack Poly-E-Flake
	550	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
9-5/8" Inter.	930	12.9	9.81	1.85	17	Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake
	430	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
5-1/2" Prod	605	9	13.65	3.43	12	Lead: NeoCem™
	1360	13.2	7.18	1.43	6	Tail: NeoCem™
5-1/2" Prod Two Stage	630	11	19.8	3.19	48	Lead: NeoCem™
	1360	13.2	7.18	1.43	6	Tail: NeoCem™
	DV Tool = 4350ft					
	30	11	19.8	3.19	48	Lead: NeoCem™
	20	14.8	6.32	1.33	6	2 <sup>nd</sup> Stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake

If DV tool is utilized, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
13-3/8" Surface	0'	100%
9-5/8" Intermediate	0'	75%
5-1/2" Production Casing	4100'	25%
5-1/2" Production Casing Two Stage Option	1 <sup>st</sup> Stage = 4350' / 2 <sup>nd</sup> Stage = 4100'	25%