

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-015-42623
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Uncle Jesse 32 State SWD
8. Well Number 1
9. OGRID Number 6137
10. Pool name or Wildcat SWD; CANYON-MOR-DEV-ELLEN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3362

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Devon Energy Production Co., L.P.

3. Address of Operator  
333 West Sheridan Ave, Oklahoma City, OK 73102

4. Well Location  
 Unit Letter P : 660 feet from the South line and 1020 feet from the East line  
 Section 32 Township 22S Range 26E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon Energy Production Company, L.P. respectfully requests permission to add a 20" surface casing string set at 500' due to a reevaluation of geologic tops and offset well information. Revised drilling plan attached.

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT

DEC 11 2014

RECEIVED

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tami Laird TITLE Regulatory Compliance Analyst DATE 12/10/2014  
 Type or print name Tami Laird E-mail address: tami.laird@dmn.com PHONE: 405-228-2816  
**For State Use Only**  
 APPROVED BY: [Signature] TITLE Dist. Supervisor DATE 12/11/2014  
 Conditions of Approval (if any):

**DRILLING PROGRAM**

Devon Energy Production Company, L.P.  
**Uncle Jesse 32 State SWD 1**

**1. Geologic Name of Surface Formation: Salado**

**2. Estimated Tops of Geological Markers & Depths of Anticipated FW, Oil, or Gas:**

a.	Salado	0	Barren
b.	Tansil	350	Barren
c.	Capitan	644	Barren
d.	Capitan Base	1294	Barren
e.	Delaware	1704	Oil
f.	Bone Spring	4898	Oil/Gas
g.	Wolfcamp	8682	Oil/Gas
h.	Strawn	10021	Gas
i.	Atoka	10372	Gas
j.	Morrow	10820	Gas
k.	Mississippian	11585	Brine Water
l.	Miss Lime	11485	Brine Water
m.	Woodford	12335	Brine Water
n.	Silurian	12415	Brine Water
o.	Simpson	14255	Brine Water
	Total Depths	14997'	TVD

### 3. Pressure Control Equipment:

The BOP system used to drill the 17-1/2" hole will consist of a 20" 2M Annular preventer. The BOP system will be tested as a 2M system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoe.

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling the 12-1/4" hole section. The BOP system will be tested as a 3M system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoes.

A 5M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling the 8-1/2" & 6-1/8" hole sections. The BOP system will be tested as a 5M system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoes. The same choke manifold will be used as the 3M system, however it will be tested as a 5M system.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP for the first two intermediate hole sections. The items listed above will be tested to a 5,000 psi WP for the third intermediate hole section.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line); **if an H&P rig drills this well. Otherwise no flex line is needed.** The line will be kept as straight as possible with minimal turns.

#### Auxiliary Well Control and Monitoring Equipment:

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

**4. Casing Program:**

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight (lb/ft)	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
26"	0-500'	20	0-500'	94	BTC	J-55	2.60	10.57	37.29
17-1/2"	500-1690'	13-3/8"	0-1690'	68	BTC	J-55	2.22	3.93	9.92
12-1/4"	1690-8660'	9-5/8"	0-8660'	47	LTC	P-110	1.70	2.24	3.69
8-3/4"	8660-12415'	7"	0-12415'	29	BTC	P-110	1.13	1.49	2.65
6-1/8"	12415-14997'	OPEN HOLE							

**Casing Notes:**

- All casing is new and API approved

**Maximum TVD: 14997'**

**5. Proposed mud Circulations System:**

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-500	10.0-10.1	28-32	N/C	Brine
400-1690'	8.3-8.6	28-32	N/C	FW
1690-8660'	8.6-9.3	28-32	N/C	FW
8660-12415'	9.9-11.7	28-32	N/C	Brine
12415-14997'	8.3-8.5	28-32	N/C	FW

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

**6. Cementing Table:**

String	Number of sx	Weight lbs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
20" Surface Casing	1200	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
13-3/8" 1 <sup>st</sup> Intermediate Casing	730	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	490	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
9-5/8" 2 <sup>nd</sup> Intermediate Casing	1320	11.9	12.89	2.26	Lead	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	400	14.4	5.75	1.24	Tail	50% Premium H / 50% PozMix + 0.2% BWOC Halad-9 + 0.2% BWOC HR-800 + 64.7% Fresh Water
9-5/8" 2 <sup>nd</sup> Intermediate Casing Two-Stage Option	770	11.9	12.89	2.26	Lead	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	210	14.4	5.75	1.24	Tail	50% Premium H / 50% PozMix + 0.2% BWOC Halad-9 + 0.2% BWOC HR-800 + 64.7% Fresh Water
	DV Tool at 4500ft					
	560	11.9	12.89	2.26	Lead	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	180	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
7" Production Casing	330	12.5	10.86	1.96	Lead	(65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake + 74.1 % Fresh Water
	480	14.5	5.32	1.21	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.25% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water

**TOC for all Strings:**

20" Surface Casing	0ft
13-3/8" 1 <sup>st</sup> Intermediate Casing	0ft
9-5/8" 2 <sup>nd</sup> Intermediate Casing	1190ft
9-5/8" 2 <sup>nd</sup> Intermediate Casing Two Stage Option	1 <sup>st</sup> Stage = 4500ft 2 <sup>nd</sup> Stage = 1190ft

7" Production Casing

8160ft

**Notes:**

- Cement volumes Surface 100%, Intermediate #1 75%, Intermediate #2 50% and Production based on at least 25% excess.
- Actual cement volumes will be adjusted based on fluid caliper and caliper log data.