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

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

Form C-103
Revised August 1, 2011

WELL API NO. 3001545379

5. Indicate Type of Lease STATE [x] FEE [ ]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: TODD 36 STATE

1. Type of Well: Oil Well [x] Gas Well [ ] Other

8. Well Number 231H

2. Name of Operator: Devon Energy Production Company, L.P.

9. OGRID Number 6137

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

10. Pool name or Wildcat: SAND DUNES; BONESPRING

4. Well Location
Unit Letter N : 330 feet from the South line and 1629 feet from the West line
Section 36 Township 23S Range 31E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
GL: 3504

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[x]	COMMENCE DRILLING OPNS.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
DOWNHOLE COMMINGLE	[ ]						
OTHER:	[ ]			OTHER:			[ ]

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 Co., L.P. (Devon) respectfully requests have the option to move intermediate casing down to 8,500' due to the close proximity of depletion from multiple active Delaware producers. The offset wells have perforations varying from 5,950' to 8,320'. Setting our intermediate string deeper will allow for us to case off potential loss zones. This will allow us to increase mud weight as necessary for well conditions in the production hole, allowing us to better handle any well control issues that may arise while drilling the lateral. This is a contingency plan based on final drilling results.

Please see attached revised drilling plans.

RECEIVED

MAY 07 2019

DISTRICT II-ARTESIA O.C.D.

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

SIGNATURE Jenny Harms TITLE Regulatory Analyst DATE 5/6/2019

Type or print name Jenny Harms E-mail address: Jenny.Harms@dvn.com PHONE: 405-552-6560

For State Use Only:

APPROVED BY: Raymond M. Salazar TITLE Geologist DATE 5-10-19

Conditions of Approval (If any):

Devon Energy, Todd 36 State 231H

1. Geologic Formations

TVD of target	10,504'	Pilot hole depth	N/A
MD at TD:	15,526'	Deepest expected fresh water:	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Rustler	779		
Salado	1,109		
Delaware	4,499		
L.Brushy	8,024		
1st BSPG Lime	8,302		
1st BSPG Sand	9,397		
2nd BSPG Lime	9,764		
2nd BSPG Sand	9,995		
2nd BSPG Target	10,504		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
	From	To							
12.25"	0	4,500'	9.625"	40	J-55	BTC	1.15	1.77	4.10
	4,500	8,500'	9.625"	40	HCK-55	BTC	1.18	1.32	3.75
				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

3. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
800'	8,500'	Cut/Saturated Brine	9.4 -10.5	28-34	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing.	
x	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No Logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain
	Coring? If yes, explain
	We plan to conduct whole cores through the Leonard Formation

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	