

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 155797

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-40786
4. Property Code 39494	5. Property Name LAVA TUBE 27 STATE	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	34	21S	31E	B	1015	N	1655	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	27	21S	31E	B	330	N	1980	E	Eddy

9. Pool Information

LOST TANK; WOLFCAMP	97573
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3492
16. Multiple N	17. Proposed Depth 17981	18. Formation Wolfcamp	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	750	1210	0
Int1	12.25	9.625	40	7900	1540	0
Prod	8.75	5.5	17	17981	3075	4400
Prod	8.75	5.5	20	11400	2745	0

Casing/Cement Program: Additional Comments

See attachments.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
Printed Name: Electronically filed by Randy Bolles	Title: District Supervisor	
Title: Manager, Regulatory Affairs	Approved Date: 10/11/2012	Expiration Date: 10/11/2014
Email Address: randy.bolles@dmn.com		
Date: 10/10/2012	Phone: 405-228-8588	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 155797

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40786	2. Pool Code 97573	3. Pool Name LOST TANK; WOLFCAMP
4. Property Code 39494	5. Property Name LAVA TUBE 27 STATE	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3492

10. Surface Location

UL - Lot B	Section 34	Township 21S	Range 31E	Lot Idn	Feet From 1015	N/S Line N	Feet From 1655	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot B	Section 27	Township 21S	Range 31E	Lot Idn B	Feet From 330	N/S Line N	Feet From 1980	E/W Line E	County EDDY
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs Date: 10/10/2012</p>	<p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Frank Jaramillo Date of Survey: 6/5/2012 Certificate Number: 12797</p>
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Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137
Well: LAVA TUBE 27 STATE #001H
API: 30-015-40786

Created By	Comment	Comment Date
CSHAPARD	Land s/S	10/11/2012

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: LAVA TUBE 27 STATE #001H

API: 30-015-40786

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string