

**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 140052

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

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-39650
4. Property Code 38927	5. Property Name LONE TREE DRAW 13 STATE COM	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
D	13	21S	27E	D	400	N	315	W	EDDY

**8. Pool Information**

FENTON;DELAWARE, NORTHWEST	24330
----------------------------	-------

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lease Type State	13. Ground Level Elevation 3195
14. Multiple N	15. Proposed Depth 9214	16. Formation Delaware	17. Contractor	18. Spud Date 12/15/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**19. 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	200	255	0
Int1	12.25	9.625	40	2650	1010	0
Prod	8.75	5.5	17	4300	475	0
Prod	8.75	5.5	17	9214	1275	2100

**Casing/Cement Program: Additional Comments**

13 3/8 w/255 sx Cl C + 2% CaCl, 1/4 lb/sx Cello flakes, 9 5/8 w/1010 sx Cl C + 2% CaCl, 1/4 lb/sx Cello flakes, 5 1/2 w/1750 sx Cl C + 2% CaCl, 1/4 lb/sx Cello flakes (Stage 1 w/475, Stage 2 w/1275). Mud: 0-200 fresh water/gel, 8.4-9.0, 32-34, N/C water loss. 200-2650 brine, 10.0, 28-30, NC water loss. 2650-9235 fresh water/brine, 8.8-9.0, 28-40, NC water loss.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Pipe	5000	5000	
DoubleRam	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dvn.com Date: 11/17/2011	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 11/21/2011	Expiration Date: 11/21/2013
	Conditions of Approval Attached	

**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-102  
August 1, 2011  
Permit 140052

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-39650	2. Pool Code 24330	3. Pool Name FENTON;DELAWARE, NORTHWEST
4. Property Code 38927	5. Property Name LONE TREE DRAW 13 STATE COM	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3195







**10. Surface Location**

UL - Lot D	Section 13	Township 21S	Range 27E	Lot Idn	Feet From 400	N/S Line N	Feet From 315	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	----------------

**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location If Different From Surface									
UL - Lot A	Section 13	Township 21S	Range 27E	Lot Idn A	Feet From 400	N/S Line N	Feet From 340	E/W Line E	County EDDY
12. Dedicated Acres 160.00		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**

<table border="1" style="width: 100%; border-collapse: collapse; height: 150px;"> <tr> <td style="width: 25%; text-align: center; vertical-align: middle;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%; text-align: center; vertical-align: middle;"></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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: 11/17/2011</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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: 11/16/2011 Certificate Number: 12797</p>
																	



# Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: LONE TREE DRAW 13 STATE COM #001H

API: 30-015-39650

Created By	Comment	Comment Date
YSASAS	BOP: The blow out prevention system will consist of a 2000 psi 13 5/8" bag type (Hydril) preventer installed on the 13 3/8" casing. A 5000 psi bag type preventer, a double ram preventer stack, and a rotating head will be installed on the 9 5/8" casing. Both the Hydril and ram stack will be hydraulically operated. Prior to drilling out the 9 5/8" intermediate shoe, the ram stack will be nipped up with 4.5" pipe rams installed and will be used in the BOP. The hydril will be tested to 1000psi (high) and 250psi (low).	11/12/2011
YSASAS	BOP CONTINUED: The ram system 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 hydril, other BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 5000 psi WP.	11/12/2011
YSASAS	Devon intends to commence drilling operations with a spudder rig prior to the expiration of the governing State of New Mexico Oil and Gas lease and continue such operations in accordance with the lease for the purpose of extending the term of the lease.	11/12/2011
YSASAS	No H2S is expected to be encountered.	11/12/2011
YSASAS	C-102 to be mailed next day via Fed-Ex.	11/12/2011
CSHAPARD	Land s/s	11/21/2011

## Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: LONE TREE DRAW 13 STATE COM #001H

API: 30-015-39650

OCD Reviewer	Condition
CSHAPARD	Will require administrative order for non-standard location
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