

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 152176

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
4. Property Code 302209		3. API Number 30-015-40503
5. Property Name BURTON FLAT DEEP UNIT		6. Well No. 054H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	2	21S	27E	M	768	S	50	W	EDDY

8. Pool Information

AVALON;BONE SPRING, EAST	3713
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3220
14. Multiple N	15. Proposed Depth 11333	16. Formation Bone Spring	17. Contractor	18. Spud Date
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	26	20	94	200	510	0
Int1	17.5	13.375	68	750	750	0
Int2	12.25	9.625	40	2750	1000	0
Prod	8.75	5.5	17	11333	1030	600
Prod	8.75	5.5	17	5900	1430	0

Casing/Cement Program: Additional Comments

20" Surf: Lead w/510 C1 C cmt + 2% bwoc CaCl2 + .125#/sx CF + 56.3% FW, 14.8 ppg. Yld 1.35 cf/sx. TOC @ surf. 13 3/8" 1st Int: Lead w/415 sx C1 C + 2% bwoc Ca Cl + 0.125#/sx CF + 4% bwoc Bent + 81.4% FW, 13.5 ppg. Yld 1.75 cf/sx. Tail w/ 335 sx C1 C + 2% bwoc CaCl2 + 0.125#/sx CF + 56.3% FW, 14.8 ppg. Yld 1.35 cf/sx. TOC @ surf. 9 5/8" 2nd Int: Lead w/700 sx (60:40) Poz: C1 C Cmt + 5% bwoc NaCL + 0.125 lbs/sack CF + 3 lbs/sk LCM-1 + 1% bwoc Sodium Metasilicate + 89.7% FW, 12.6 ppg. Yld 1.73 cf/sx. Tail w/300 sx (60:40) Poz: C1 C Cmt + 5% bwoc NaCL + 0.125 lbs/sack CF + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 65.5% FW, 13.8 ppg. Yld 1.38 cf/sx. TOC @ surf. 5 1/2" Prod: 1st Lead w/615 sx 50:50 Poz: C1 H + 0.5% bwoc FL-52 + 0.15% bwoc ASA-301 + 10% bwoc Bent + 0.3% bwoc R-21 + 130.5% FW, 11.8 ppg. Yld: 2.30 cf/sx. 2nd Lead w/415 sx (35:65) Poz:C1 H Cmt + 3% bwoc NaCL + 0.125. Pilot Hole: Drl to 6882' & plug back to KOP w/300sx C1 H, 15.6 ppg, 1.18 cf/sx

Proposed Blowout Prevention Program

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

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 ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Randy Bolles	Approved By: Randy Dade
Title: Manager, Regulatory Affairs	Title: District Supervisor
Email Address: randy.bolles@dvn.com	Approved Date: 7/23/2012 Expiration Date: 7/23/2014
Date: 7/18/2012	Phone: 405-228-8588

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Form C-102
August 1, 2011
Permit 152176

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40503	2. Pool Code 3713	3. Pool Name AVALON;BONE SPRING, EAST
4. Property Code 302209	5. Property Name BURTON FLAT DEEP UNIT	6. Well No. 054H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3220

10. Surface Location

UL - Lot M	Section 2	Township 21S	Range 27E	Lot Idn	Feet From 768	N/S Line S	Feet From 50	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
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

OPERATOR CERTIFICATION <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> E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs Date: 7/18/2012	SURVEYOR CERTIFICATION <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> Surveyed By: Filimon Jaramillo Date of Survey: 6/1/2012 Certificate Number: 12797
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