

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

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 30-015-36973
4. Property Code 302209	5. Property Name BURTON FLAT DEEP UNIT	6. Well No. 046

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	21S	27E	9	660	N	700	E	EDDY

8. Pool Information

BURTON FLAT;MORROW (PRO GAS)	73280
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3201
14. Multiple N	15. Proposed Depth 11700	16. Formation Morrow	17. Contractor	18. Spud Date 3/15/2009
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method:				
Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	620	610	
Int1	12.25	9.625	40	2760	1250	
Prod	8.75	5.5	17	11700	2205	2100

Casing/Cement Program: Additional Comments

13 3/8 w/610 sx C1 C + 1/4 lb/sx Cello Flake; 9 5/8 w/1250 sx C1 C + 1/4 lb/sx Cello Flake; 5 1/2 w/2205 sx C1 C + 1/4 lb/sx Cello Flake.
Mud: 0-620' fresh water/gel, 8.4-9.4, 32-34 N/C wtr loss; 620'-2760' brine, 9.7-10.0, 28-30 NC wtr loss; 2760'-11700' fresh water, 8.3-10.5, 28-40, NC/9cc water loss.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Pipe	5000	5000	
Blind	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"/> .	OIL CONSERVATION DIVISION	
	Approved By: Jacqueta Reeves	
Title: Electronically filed by Randy Bolles	Title: District Geologist	
Title:	Approved Date: 3/2/2009	Expiration Date: 3/2/2011
Email Address: randy.bolles@dm.com		
Date: 2/11/2009	Phone: 405-228-8588	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 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

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Form C-102
 Permit 89166

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36973	2. Pool Code 73280	3. Pool Name BURTON FLAT MORROW (PRO GAS)
4. Property Code 302209	5. Property Name BURTON FLAT DEEP UNIT	6. Well No. 046
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3201

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	21S	27E	1	660	N	700	E	EDDY

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 274.62	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 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: Date: 2/11/2009</p>
	<p 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: Gary Jones Date of Survey: 1/6/2009 Certificate Number: 7977</p>

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: BURTON FLAT DEEP UNIT #046

API: 30-015-36973

Created By	Comment	Comment Date
YSASAS	Depth to ground water is 50 feet or more, but less than 100 feet, distance to surface water is approximately 1000 feet; well is not in the wellhead protection area. A nearby gas analysis and C-102 will be mailed.	1/29/2009
YSASAS	Closed loop system to be utilized. Form C-144 CLEZ to be provided via e-mail.	1/29/2009
YSASAS	BFDU 46 is a N/2 spacing unit; 314.62 acres. Composed of lease L-2766 & L-6523.	1/29/2009
YSASAS	Per NMOCD Website acreage for L-2766 & L-6523 is 274.62 acres. Per Devon Landman and verification with Donna Mulls at Hobbs, NM NMOCD office; N/2 spacing unit is comprised of Lots 1-8. Acreage corrected on C-102 from 314.62 to 274.62.	2/4/2009
YSASAS	See Contingency 7" Intermediate Casing with 4 1/2" Liner in separate word document.	2/11/2009
JVREEVES	Need a NSP from Santa Fe due to acreage	2/18/2009
JVREEVES	Hold o-104 until NSL received	3/2/2009