

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 30-015-34545
4. Property Code 35366	5. Property Name DUNAWAY 23	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	23	22S	27E	B	1000	N	1510	E	EDDY

8. Pool Information

OTIS,MORROW (GAS)	82360
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3077
14. Multiple N	15. Proposed Depth 12300	16. Formation Morrow	17. Contractor	18. Spud Date 2/15/2005
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 20000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" 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	225	260	0
Int1	12.25	9.625	40	2850	939	0
Prod	8.75	5.5	17	12300	1868	2350

Casing/Cement Program: Additional Comments

Cement 13 3/8" with 260sx Class "C" + 1/4pps celloflake + 2%CaCl. Cmt 9 5/8" with 689sx 35:65 Poz(Fly ash) Class"C",5% NaCl,1/4ppps Celloflake,5pps LCM-1,6%Bentonite(12.5ppg) followed by 250 sx Class C + 2% CaCl. Cement 5 1/2" Stage1: 911 sx (15:61:11) Poz C(CSE-2)+3%KCL+0.75%EC-1+1/4ppsCelloflake + 0.3% CD-32+5ppsLCM-1+0.6%FL-25+0.6%FL-52A+0.1% Sodium Metasilicate(13.3ppg) DV@8500', Stage 2:957 sx 60:40 Poz H,1%NaCl,0.75%BA-10,0.15%R-3,1/4ppsCelloflake,3ppsKolSeal, 4%MPA- 1, 0.75%EC-1(13.7ppg). Mud program: 0-225 8.4-8.5 vis 29-32 water loss NC. 225-2850 10 vis 29 water loss NC. 2850-8600 8.4-8.6 vis 29 water loss NC. 8600-10000 9.5-10 vis 29 water loss 20-10 cc. 10000-12500 10-10.8 vis 35-45 water loss 10-6 cc.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
DoubleRam	5000	5000	
Pipe	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 NMOC guidelines <input type="checkbox"/> a general permit <input checked="" type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Linda Guthrie	Approved By: Bryan Arant
Title: Sr. Regulatory Specialist	Title: Geologist
Email Address: linda.guthrie@dvn.com	Approved Date: 1/11/2006 Expiration Date: 1/11/2007
Date: 1/9/2006 Phone: 405-228-8209	Conditions of Approval Attached

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

State of New Mexico
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Form C-102
 Permit 16613

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34545	2. Pool Code 82360	3. Pool Name OTIS MORROW (GAS)
4. Property Code 35366	5. Property Name DUNAWAY 23	6. Well No. 001
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3077

10. Surface Location

UL - Lot B	Section 23	Township 22S	Range 27E	Lot Idn	Feet From 1000	N/S Line N	Feet From 1510	E/W Line E	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 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

	OPERATOR CERTIFICATION		
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> E-Signed By: Linda Guthrie Title: Sr. Regulatory Specialist Date: 1/9/2006		
	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: Gary Jones Date of Survey: 12/2/2004 Certificate Number: 7977		

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: DUNAWAY 23 #001

API: 30-015-34545

Created By	Comment	Comment Date
YSASAS	No H2S is expected to be encountered. A C-102 & nearby gas analysis will be Fed-Ex'd.	1/9/2006

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: DUNAWAY 23 #001

API: 30-015-34545

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator to set surface casing above Salado formation. Please refer to offset geological well files & logs for more information.
BArrant	As noted in APD, surface & intermediate strings of casing are to be circulated to surface with cement. Additionally, production string of casing to be tied back as noted. Operator to run Bond Log to verify tie back.