### State of New Mexico

Form C-101 Permit 119712

# 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

Operator     DEVON ENERGY PRO	OGRID Number     6137	
20 N	3. API Number	
Oklahoma	30-025-39893	
4. Property Code	5. Property Name	6. Wett No.
30884	THISTLE UNIT	017H

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	33	238	33E	0	150	S	1470	E	LEA

#### 8. Pool Information

BRINNINSTOOL:DELAWARE	96193
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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 3654	
14. Multiple N	15. Proposed Depth 13800	16. Formation Brushy Canyon	17. Contractor	18. Spud Date	
Depth to Ground	water	Distance from nearest fresh	water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Dritting Method: Fresh Water X Brine	Diesel/Oil-based Gas/Air	

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	54.5	1280	1200	0
Int1	12.25	9.625	40	5150	1550	0
Prod	8.75	5.5	17	13800	1870	4650

### Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	

of my knowledge and belief.	ation given above is true and complete to the best	t OIL CONSERVATION DIVISION			
	neral permit □, or an (attached) alternative	Approved By: Paul Kautz			
Printed Name: Electronic	ally filed by Randy Bolles	Title: Geologist			
Title:		Approved Date: 9/8/2010	Expiration Date: 9/8/2012		
Email Address: randy.bo	lles@dvn.com				
Date: 9/2/2010	Phone: 405-228-8588	Conditions of Approval Atta	ached		

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

<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u>

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Po	ol Name	
30-025-39893	96193 BRINNINSTO		OL;DELAWARE	
4. Property Code	5. Property Name		6. Well No.	
30884	THISTLE UNIT		017H	
7. OGRID No.	8. Operator	Name	9. Elevation	
6137	DEVON ENERGY PRODUCTION COMPANY, LP 3654			

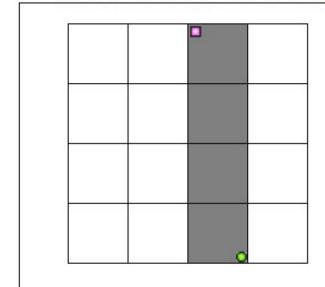
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	33	238	33E	15.16 (4.05.17)	150	S	1470	E	LEA

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

UL - Lot Sect	on Townsh	nip Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B 33			В	150	N	2490	E	LEA
12. Dedicated Ac 160.00	res	13. Joint or In	511	4. 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

Form C-102

Permit 119712

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.

E-Signed By: Randy Bolles

Title:

Date: 9/2/2010

#### SURVEYOR CERTIFICATION

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.

Surveyed By: Filmon Jaramillo Date of Survey: 8/13/2010 Certificate Number: 12797

# **Permit Comments**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137 Well: THISTLE UNIT #017H

API: 30-025-39893

Created By	Comment	Comment Date
DMULL	OCD Hobbs has received form C-144CLEZ. OCD Permit Number P1-02425.	9/8/2010

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP, 6137

Well: THISTLE UNIT #017H

API: 30-025-39893

OCD Reviewer	Condition
DMULL	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
DMULL	Will require a directional survey with the C-104
DMULL	Will require administrative order for non-standard location