

**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
4. Property Code 38253		3. API Number 30-05-64132
5. Property Name GOODNIGHT 1 FEE		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
G	1	12S	28E	G	2585	N	1980	E	CHAVES

**8. Pool Information**

WHITE RANCH;MISS, WEST (GAS)	87330
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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 3674
14. Multiple N	15. Proposed Depth 11400	16. Formation Mississippi Limestone	17. Contractor	18. Spud Date 7/15/2010
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	12.25	9.625	36	1820	520	0
Int1	8.75	7	26	8000	920	1320
Prod	6.125	4.5	11.6	11400	0	

**Casing/Cement Program: Additional Comments**

9 5/8 w/520 sx C1 C + 2% CaCl + 1/4 lb/sx Cello Flake. A 8 3/4" pilot hole will be drilled from 1820' to 8120'. The pilot hole will be plugged back from 8120' to 7100' w/490 sx CL H cement. This well will be drilled directionally from 7100' to TD. 7" w/920 sx C1 C + 2% CaCl + 1/4 lb/sx Cello Flake. Mud: 0-1820' cut brine, 8.8-9.5, 32-34, NC water loss. 1820-11400' fresh water, 8.8-9.2, 30-45, NC water loss. 4 1/2" - Peak packer assembly will be used; this liner will not be cemented.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	
Hydril	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"/> .	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Electronically filed by Randy Bolles	Approved By: Randy Dade	
Title:	Title: District Supervisor	
Email Address: randy.bolles@dvn.com	Approved Date: 7/29/2010	Expiration Date: 7/29/2012
Date: 7/23/2010	Phone: 405-228-8588	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

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**1220 S. St Francis Dr.**  
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Form C-102  
Permit 116680

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-05-64132	2. Pool Code 87330	3. Pool Name WHITE RANCH;MISS, WEST (GAS)
4. Property Code 38253	5. Property Name GOODNIGHT 1 FEE	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3674

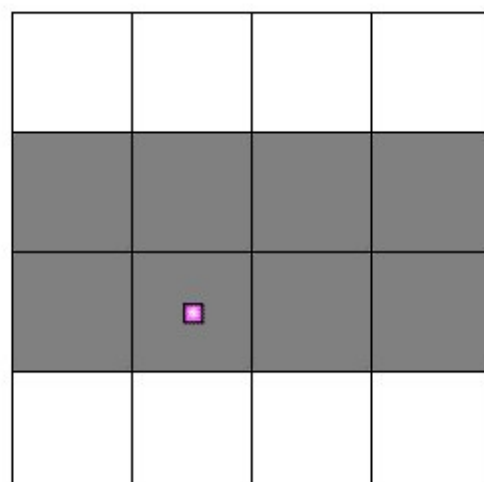
**10. Surface Location**

UL - Lot G	Section 1	Township 12S	Range 28E	Lot Idn	Feet From 2585	N/S Line N	Feet From 1980	E/W Line E	County CHAVES
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**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location If Different From Surface									
UL - Lot K	Section 6	Township 12S	Range 29E	Lot Idn K	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County CHAVES
12. Dedicated Acres 309.28		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 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: 7/23/2010

**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: Filimon Jaramillo

Date of Survey: 6/30/2010

Certificate Number: 132



# Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: GOODNIGHT 1 FEE #001H

API: 30-05-64132

Created By	Comment	Comment Date
YSASAS	BOP Design: The blow out prevention system will consist of a bag type (Hydril) preventer, a double ram preventer stack, and a rotating head. Both the Hydril and ram stack will be hydraulically operated. Both BOP systems will be rated at 5,000psi. Prior to drilling out the 9 5/8" Surface shoe, the ram stack will be nipples up with 4.5" pipe rams installed. The Hydril will be tested to 1000psi (high) and 250psi (low).	6/30/2010
YSASAS	BOP Design 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	6/30/2010
YSASAS	Depth to groundwater is 50 or more, but less than 100 feet, distance to surface is approximately 1000 feet; well is not in the wellhead protection area.	6/30/2010
YSASAS	No H2S is expected to be encountered. A nearby gas analysis and C-102 will be mailed.	6/30/2010
YSASAS	A Form C-144 CLEZ will be mailed; closed loop system to be utilized.	7/23/2010
YSASAS	See plat for assigned 320 acre proration unit.	7/23/2010

# Permit Conditions of Approval

**Operator:** DEVON ENERGY PRODUCTION COMPANY, LP , 6137

**Well:** GOODNIGHT 1 FEE #001H

**API:** 30-05-64132

OCD Reviewer	Condition
Artesia	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