

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 38254		3. API Number 30-05-64133
5. Property Name JINGLEBOB 29 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
D	29	11S	29E	D	670	N	990	W	CHAVES

8. Pool Information

WHITE RANCH;MISSISSIPPIAN (GAS)	87320
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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 3752
14. Multiple N	15. Proposed Depth 11500	16. Formation Mississippi Limestone	17. Contractor	18. Spud Date 8/1/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ 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	12.25	9.625	36	2030	580	0
Int1	8.75	7	26	8300	930	1530
Prod	6.125	4.5	11.6	11500	0	

Casing/Cement Program: Additional Comments

9 5/8 w/580 sx C1 C + 2% CaCl + 1/4 lb/sx Cello Flake. A 8 3/4" pilot hole will be drilled from 2030 to 8525'. The Pilot Hole will be plugged back from 8525' to 7400' w/540 sx C1 H cement. The well will be drilled directionally from 7400' to TD. 7" w/930 sx C1 C + 2% CaCl + 1/4 lb/sx Cello Flake. Mud: 0-2030' cut brine, 8.8-9.5, 32-34, NC water loss. 2030-11500' 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 ☐ 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:	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

State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Form C-102
 Permit 116685

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-05-64133	2. Pool Code 87320	3. Pool Name WHITE RANCH;MISSISSIPPIAN (GAS)
4. Property Code 38254	5. Property Name JINGLEBOB 29 FEE	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3752

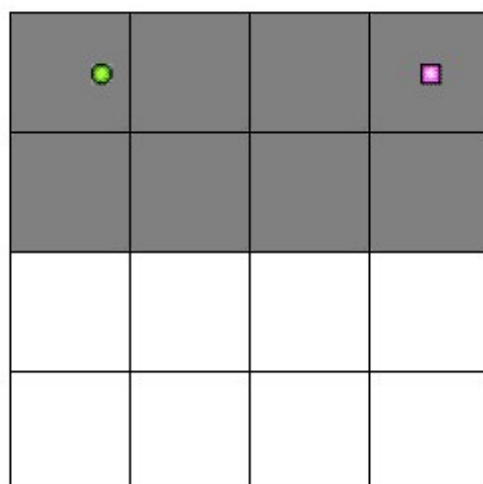
10. Surface Location

UL - Lot D	Section 29	Township 11S	Range 29E	Lot Idn	Feet From 670	N/S Line N	Feet From 990	E/W Line W	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 29	Township 11S	Range 29E	Lot Idn A	Feet From 670	N/S Line N	Feet From 670	E/W Line E	County CHAVES
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 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: JINGLEBOB 29 FEE #001H

API: 30-05-64133

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 nipped 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

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: JINGLEBOB 29 FEE #001H

API: 30-05-64133

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