

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 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**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 144692

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address <b>DEVON ENERGY PRODUCTION COMPANY, LP</b> 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-40035
4. Property Code 38500	5. Property Name JASPER 32 STATE COM	6. Well No. 003H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	32	19S	29E	B	340	N	1700	E	EDDY

**8. Pool Information**

WINCHESTER; BONE SPRING	65010
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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 3266
14. Multiple N	15. Proposed Depth 12148	16. Formation Bone Spring	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**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	415	410	0
Int1	12.25	9.625	40	3170	1310	0
Prod	8.75	5.5	17	12148	1275	2670
Prod	8.75	5.5	17	7000	1000	0

**Casing/Cement Program: Additional Comments**

13 3/8 w/410 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 9 5/8 w/1310 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 5 1/2 w/2275 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake. All cement volumes based on at least 25% excesses. Actual cement volumes will be adjusted based on fluid caliper and caliper log data. Positive standoff centralizers will be utilized for the production string every other joint of casing from 100' MD above KOP or at the legal footage setback, whichever is the deeper MD, up to TOC. Mud: 0-415' fresh, 8.4-9.0, 30-34 visc, N/C water loss. 415-3170' brine, 9.8-10.0, 28-32 visc, N/C water loss. 3170-12148' fresh, 8.6-9.3, 28-32 visc, N/C water loss. The necessary mud products for weight addition and fluid loss control will be on location at all times.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Pipe	3000	3000	
DoubleRam	3000	3000	

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 ☐.

Printed Name: Electronically filed by Randy Bolles

Title: Manager, Regulatory Affairs

Email Address: randy.bolles@dmn.com

Date: 3/8/2012

Phone: 405-228-8588

**OIL CONSERVATION DIVISION**

Approved By: Randy Dade

Title: District Supervisor

Approved Date: 3/12/2012

Expiration Date: 3/12/2014

Conditions of Approval Attached

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 144692

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-40035	2. Pool Code 65010	3. Pool Name WINCHESTER; BONE SPRING
4. Property Code 38500	5. Property Name JASPER 32 STATE COM	6. Well No. 003H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3266

**10. Surface Location**

UL - Lot B	Section 32	Township 19S	Range 29E	Lot Idn	Feet From 340	N/S Line N	Feet From 1700	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot O	Section 32	Township 19S	Range 29E	Lot Idn O	Feet From 340	N/S Line S	Feet From 1700	E/W Line E	County EDDY
12. Dedicated Acres 160.00		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**

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## Permit Comments

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

**Well:** JASPER 32 STATE COM #003H

**API:** 30-015-40035

Created By	Comment	Comment Date
YSASAS	No H2S is expected to be encountered.	2/22/2012
YSASAS	C-102 to be mailed next day via Fed-Ex.	2/22/2012
YSASAS	Depth to groundwater is 50' or more, but less than 100', distance to surface water is approximately 1000'; well is not in wellhead protection area.	2/22/2012
YSASAS	The BOP system used to drill the intermediate hole will consist of a 13-3/8" 5M Double Ram & Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the surface casing shoe. The BOP system used to drill the production hole will consist of a 13-3/8" 3M Double Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 5M system prior to drilling out the intermediate casing shoe. Pipe rams will be operated and checked each 24 hour period and blind rams tested each time the dri	3/8/2012
YSASAS	drill pipe is out of the hole. These tests will be logged in the daily 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 annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 5,000 psi WP.	3/8/2012
CSHAPARD	Land s/S	3/9/2012

# Permit Conditions of Approval

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

**Well:** JASPER 32 STATE COM #003H

**API:** 30-015-40035

OCD Reviewer	Condition
CSHAPARD	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