

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 7176

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37097
Property Code 34169	Property Name BURRUS 27	Well No. 012

Surface Location

UL or Lot O	Section 27	Township 12S	Range 38E	Lot Idn O	Feet From 990	N/S Line S	Feet From 2270	E/W Line E	County Lea
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Proposed Pools

TRINITY;WOLFCAMP 59890

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3795
Multiple N	Proposed Depth 9400	Formation Wolfcamp	Contractor	Spud Date 02/28/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	425	395	0
Int1	11	8.625	24	4500	1030	0
Prod	7.875	5.5	17	9400	665	4500

Casing/Cement Program: Additional Comments

13 3/8 cmtd w/245 sx C1C + 2% bwoc CaCl2 + 0.25% bwoc Cello Fl. + 4% bwoc bentonite; 13.50 ppg. 1.75 yield, tail in w/150 sx C1C + 2% bwoc CaCl2; 14.8 ppg. 1.34 yield. 8 5/8 cmtd w/880 sx 50:50 Poz:C1 C + 5% bwow CaCl2 + .25 lbs/sx Cello Fl. + 10% bwoc Bentonite, Tail in w/150 sx C1C + 1% bwoc CaCl2 14.8 ppg. 1.34 yield. 5 1/2 cmtd w/230 sx C1 C + 6% bwoc Bentonite, Tail in w/435 sx Poz C1C Cmt; CSE + 5% bwow Sodium chloride + .7% bwoc FL-25 + 0.6% bwoc FL-52 + 0.5% bwoc Sodium metasilicate.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION	
Electronically Signed By: Brenda Coffman	Electronically Approved By: Paul Kautz	
Title: Regulatory Analyst	Title: Geologist	
Date: 02/22/2005	Approval Date: 02/23/2005	Expiration Date: 02/23/2006
Phone: 432-685-4310	Conditions of Approval: There are conditions. See Attached.	