

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 8867

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-015-34032
Property Code 34721	Property Name OGDEN 15	Well No. 001

Surface Location

UL or Lot O	Section 15	Township 23S	Range 27E	Lot Idn O	Feet From 660	N/S Line S	Feet From 1980	E/W Line E	County Eddy
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Proposed Pools

CARLSBAD;MORROW, SOUTH (PRO GAS) 73960
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Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3131
Multiple N	Proposed Depth 12450	Formation Barnett Shale	Contractor	Spud Date 04/20/2005

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	350	395	0
Int1	11	8.625	32	2170	555	0
Prod	7.875	5.5	17	12450	1795	1500

Casing/Cement Program: Additional Comments

13 3/8 csg. cmt'd w/Lead:170 sx C1 C + additives, Tail 225 sx C1 C Cmt + Additives circ. to surf.; 8 5/8 csg. cmt'd w/Lead: 360 sx C1 C + additives, Tail 195 sx C1 C + additives circ to surf.; 5 1/2 csg. cmt'd w/ 1st Stage Lead 75 sx C1 H cmt + additives, Tail: 430 sx C1 H Cmt + additives, 2nd Stage Lead 1,160 sx C1 C Cmt + additives, 2nd Stage Tail: 100 sx C1 C Cmt + additives.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Brenda Coffman

Title: Regulatory Analyst

Date: 03/28/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 03/31/2005

Expiration Date: 03/31/2006

Conditions of Approval:

There are conditions. See Attached.