

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 1500

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-36860
Property Code 34280	Property Name COOPER 7	Well No. 001

Surface Location

UL or Lot D	Section 7	Township 20S	Range 37E	Lot Idn 1	Feet From 660	N/S Line N	Feet From 900	E/W Line W	County Lea
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Proposed Pools

MONUMENT;TUBB, WEST (GAS) 96968

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3557
Multiple N	Proposed Depth 6600	Formation Tubb	Contractor	Spud Date 10/01/2004

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	400	400	0
Int1	12.25	9.625	36	2700	700	0
Prod	7.875	5.5	17	6600	800	2600

Casing/Cement Program: Additional Comments

13 3/8 surface csg cmtd w/300 sx C1. C + 2% CaCl2 + 4% bentonite + 100 sx C1 C + 2% CaCl2; 8 5/8 inter. csg.cmtd w/500 sx 5% Sodium Ch. + .25 lbs/sx Cello Flake + 2% CD-32 tail in w/200 sx C + 1% CaCl2; 5 1/2 csg cmtd w/400 sx + .5% bwoc FL-25 + 6% bwoc Bentonite tail w/400 sx C1. H + 1% CaCl2
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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.

Electronically Signed By: Mark Mabe

Title: Manager

Date: 09/14/2004

Phone: 432-685-4339

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 09/14/2004

Expiration Date: 09/14/2005

Conditions of Approval:

There are conditions. See Attached.