

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 4977

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-015-33908
Property Code 34543	Property Name FOREHAND 22 STATE	Well No. 001

Surface Location

UL or Lot D	Section 22	Township 23S	Range 27E	Lot Idn D	Feet From 660	N/S Line N	Feet From 1285	E/W Line W	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 State	Ground Level Elevation 3142
Multiple N	Proposed Depth 12400	Formation Barnett Shale	Contractor	Spud Date 01/20/2005

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	420	380	0
Int1	12.25	8.625	32	5640	5810	0
Prod	7.875	5.5	17	12400	645	4500

Casing/Cement Program: Additional Comments

13 3/8 csg. 180 sx 35:65 Poz;C + additives tail 200 sx C1. C + additives; 8 5/8 inter. 4600 sx 50;50 Poz C + additives Tail in w/1010 sx C1. C; 5 1/2 prod. csg. 280 sx 35:65 Poz; C1. H + additives; 1st stage tail 145 sx Poz C1 C;CSE + additives; 2nd stage lead 120 sx 35:65 Poz C1. H + additives; 2nd stage tail 100 sx C1. H + additives.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	
Double Ram	10000	10000	

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: 01/12/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 01/31/2005

Expiration Date: 01/31/2006

Conditions of Approval:

There are conditions. See Attached.