

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 5312

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37054
Property Code 34554	Property Name ALBACORE 25 COM	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	25	16S	35E	N	1310	S	1350	W	Lea

Proposed Pools

TOWNSEND,MISSISSIPPIAN, NORTH (GAS) 86390

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3961
Multiple N	Proposed Depth 12900	Formation Mississippi Limestone	Contractor	Spud Date 01/31/2005

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	400	435	0
Int1	11	8.625	32	4600	960	0
Prod	7.875	5.5	17	12900	1035	4000

Casing/Cement Program: Additional Comments

13 3/8 csg. C1. C cmt 210 sx + 2% S1 CaCl Ch Tail 225 sx C1. C + 2% S1 CaCl. 8 5/8 csg. Cmt w/850 sx 50:50 Poz: C1 C + additives + 110 sx C1. C + .5% S1. 5 1/2 csg. Cmt. Stage 1 260 sx 50:50 Poz C1. H + additives; Tail in w/325 sx 50:50 Poz C1. H; Stage 2 400 sx 50:50 Poz: C1 H + additives Tail in w/50 sx 50:50 Poz: C1 H.

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: 01/18/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 01/19/2005

Expiration Date: 01/19/2006

Conditions of Approval:

There are conditions. See Attached.