

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 8622

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37151
Property Code 24402	Property Name BOYCE 15	Well No. 006

Surface Location

UL or Lot O	Section 15	Township 16S	Range 35E	Lot Idn O	Feet From 330	N/S Line S	Feet From 2310	E/W Line E	County Lea
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Proposed Pools

SHOE BAR;STRAWN, NORTHWEST 56280

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3988
Multiple N	Proposed Depth 11250	Formation Strawn	Contractor	Spud Date 03/31/2005

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	450	410	0
Int1	11	8.625	32	4350	1025	0
Prod	7.875	5.5	17	11250	895	3800

Casing/Cement Program: Additional Comments

13 3/8 csg cmtd w/200 sx of 35.65 Poz C1C + 2% CaCl2 + additives, Tail in w/210 sx of C1. C + 2% CaCl2 + additives; 8 5/8 csg. cmtd w/825 sx of 50.50 Poz C1C + additives Tail in w/200 sx of C1. C + .5% CaCl2; 5 1/2 csg. cmtd w/80 sx of 50.50 Poz C1H + additives, 375 sx of 50.50 Poz C1H + additives, 2nd stage 270 sx of 50.50 Poz C1H + additives; 2nd stage Tail 170 sx of 50.50 Poz C1H + 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: 03/21/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 03/21/2005

Expiration Date: 03/21/2006

Conditions of Approval:

There are conditions. See Attached.