

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 10305

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37420
Property Code 34999	Property Name BUBBA 4 STATE 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
M	4	17S	37E	M	731	S	1043	W	Lea

Proposed Pools

SHIPP;STRAWN 55695

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3783
Multiple N	Proposed Depth 11250	Formation Strawn	Contractor	Spud Date 05/05/2005

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	4200	1025	0
Prod	7.875	5.5	17	11250	895	3700

Casing/Cement Program: Additional Comments

13 3/8 csg. cmt'd w/200 sx of 35:65 Poz C1 C + additives Tail w/210 sx of C1. C + additives; 8 5/8 csg. cmt'd w/825 sx 50:50 Poz C1 C + additives, Tail w/200 sx of C1. C + additives; 5 1/2 csg. cmt'd w/1st Stage Lead 80 sx of 50:50 Poz C1. H + additives; 1st Stage Tail 375 sx of 50:50 Poz C1 H + additives, 2nd stage lead 270 sx of 50:50 Poz C1. H + additives, 2nd stage tail 170 sx of 50:50 Poz C1 H + additives.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	
Annular	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: 04/25/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 08/19/2005 Expiration Date: 08/19/2006

Conditions of Approval:
There are conditions. See Attached.