

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 IV1220 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 1042

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 18496 Oklahoma City, OK 73154-0496		OGRID Number 147179
		API Number 30-025-36717
Property Code 32159	Property Name BARBER-ADKINS 8	Well No. 002

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	8	20S	37E	L	1600	S	630	W	Lea

Proposed Pools

MONUMENT;ABO, SOUTHEAST 96764

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3546
Multiple N	Proposed Depth 7900	Formation Abo	Contractor	Spud Date 06/01/2004

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	410	400	0
Int1	11	8.625	32	2800	700	0
Prod	7.875	5.5	17	7900	800	2800

Casing/Cement Program: Additional Comments

13 3/8 csg. cmt'd with lead Halliburton Light Prem + 2% CaCl2 + 0.25 pps Flocele Tail w/Premium + 2% CaCl2; 8 5/8 csg cmt'd w/Lead Interfill C cmt + 0.25 pps Flocele, Tail: Premium; 5 1/2 csg. cmt'd w/1st stage w/50/50 Poz Premium + 0.5% Halad-9 + 0.2% CFR-3; 2nd stage lead: Interfill C, 2nd w/Interfill C + 0.25 pps Flocele Tail: Premium + 15.6 ppg.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz