

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 8331

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37140
Property Code 34692	Property Name OSUDO 9 STATE	Well No. 002

Surface Location

UL or Lot A	Section 9	Township 21S	Range 35E	Lot Idn A	Feet From 660	N/S Line N	Feet From 660	E/W Line E	County Lea
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Proposed Pools

WILDCAT BONE SPRING

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3600
Multiple N	Proposed Depth 8900	Formation 1st Bone Spring Sand	Contractor	Spud Date 03/28/2005

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	601	0
Int1	11	8.625	32	5350	1751	0
Prod	7.875	5.5	17	8900	2231	4500

Casing/Cement Program: Additional Comments

13 3/8 csg. cmt'd w/Lead 295 sx C1C + additives; Tail 205 sx C1C + additives. 8 5/8 csg. cmt'd w/410 sx 50:50 Poz C1. C + additives, Tail 110 sx C1C + additives; 2nd Lead: 600 sx 50:50 Poz C1. C + additives, Tail 30 sx C1. C. 5 1/2 Csg. lead: 375 sx 35:65 Poz Tail 105 sx Poz. TOC @ 4500

Proposed Blowout Prevention Program

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

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: 03/15/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 03/15/2005

Expiration Date: 03/15/2006

Conditions of Approval:

There are conditions. See Attached.