

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 5320

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37050
Property Code 34007	Property Name JORDAN 12 STATE	Well No. 003

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	12	10S	32E	E	1650	N	330	W	Lea

Proposed Pools

MESCALERO;CISCO, NORTH 45750

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 4237
Multiple N	Proposed Depth 9700	Formation Cisco	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	400	0
Int1	11	8.625	32	3400	1100	0
Prod	7.875	5.5	17	9700	950	3400

Casing/Cement Program: Additional Comments

13 3/8 csg. Lead 35:65 Poz C1. C + 6% D20 + 2% S1 + .1pps D29 12.40 ppg, 2.07 yield Tail C1. C + 2% S1 14.8 ppg, 1.34 yield. 8 5/8 50:50 Poz: C1. C + 5% D44 + 10% D20 + .1pps D29 + 3 pps D42 11.9 ppg, 2.48 yield, Tail C1 C + 1% D13 14.8 ppg, 1.32 yield; 5 1/2 Lead 50:50 Poz: C1. H + 5% D44 + 10% D20+.1pps D29+5 pps D42 11.9 ppg, 2.5 yield; Tail 50:50 Poz: C1 H + 5% D44 + 2% D20 + .4% D167 + 3% D174 + .15% D800 14.4 ppg, 1.35 yield

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	
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: 01/17/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 01/18/2005

Expiration Date: 01/18/2006

Conditions of Approval:

There are conditions. See Attached.