

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 10061

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37204
Property Code 34760	Property Name CSW 17	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	17	16S	36E	N	475	S	2185	W	Lea

Proposed Pools

WILDCAT S163617J;MORROW (GAS) 97423

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3932
Multiple N	Proposed Depth 12400	Formation Mississippi Limestone	Contractor	Spud Date 04/30/2005

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	4500	1050	0
Prod	7.875	5.5	20	12400	1035	4000

Casing/Cement Program: Additional Comments

13 3/8 csg. cmt'd w/Lead: 200 sx 35:65 Poz C1C + additives; Tail 210 sx C1C + additives. 8 5/8 cmt'd w/Lead: 850 sx 50:50 Poz C1C + additives; Tail 200 sx C1C + additives. 5 1/2 csg. cmt'd w/1st stage lead: 60 sx 50:50 Poz C1H + additives; Tail 500 sx 50:50 Poz C1H + additives; 2nd Stage Lead 390 sx 50:50 Poz C1H + additives; 2nd stage Tail: 85 sx 50:50 Poz C1H + additives.
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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: 04/18/2005

Phone: 432-685-4310

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 05/31/2005

Expiration Date: 05/31/2006

Conditions of Approval:

There are conditions. See Attached.