

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 10244

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11030 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-005-27941
Property Code 34777	Property Name CHAVLEA 1 STATE #1	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	1	12S	31E	L	1980	S	1310	W	Chaves

Proposed Pools

Wildcat, Mississippian

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 4435
Multiple N	Proposed Depth 11300	Formation Mississippi Limestone	Contractor	Spud Date 05/15/2005

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	360	400	0
Intl	11	8.625	32	3620	760	0
Prod	7.875	5.5	17	11300	1025	3000

Casing/Cement Program: Additional Comments

13 3/8 csg: Lead 190 sx 35.65 Poz C1 C + additives, Tail in w/210 sx C1 C + additives; 8 5/8 csg: Lead 650 sx 50.50 Poz C1 C + additives; Tail in w/110 sx C1 C + additives; 5 1/2 csg: 1st Stage Lead 130 sx 50.50 Poz C1 H + additives, 1st Stage Tail: 335 sx 50.50 Poz C1 H + additives 2nd Stage Lead 510 sx 50.50 Poz C1 H + additives, 2nd stage Tail 50 sx 50.50 Poz C1 H + additives

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.

OIL CONSERVATION DIVISION
Electronically Approved By: Paul Kautz

BEFORE EXAMINER

OIL CONSERVATION DIVISION

EXHIBIT NO. 2

CASE NO.

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Form C-102

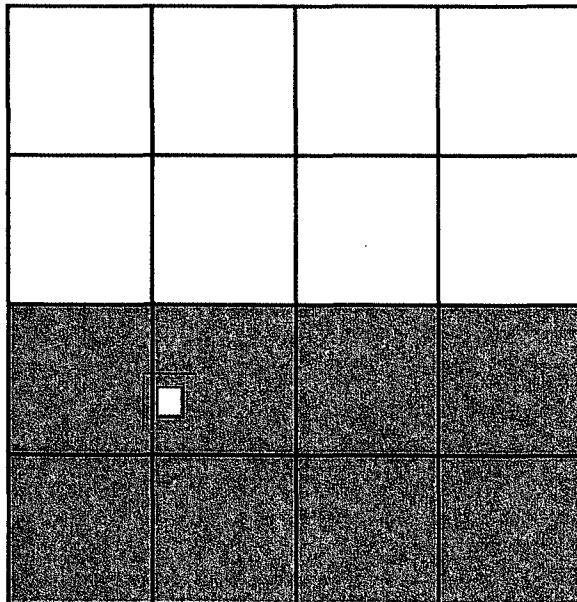
Permit 10244

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-27941	Pool Name Wildcat, Mississippian	Pool Code
Property Code 34777	Property Name CHAVLEA 1 STATE #1	Well No. 001
GRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 4435

Surface And Bottom Hole Location

UL or Lot L	Section 1	Township 12S	Range 31E	Lot Idn L	Feet From 1980	N/S Line S	Feet From 1310	E/W Line W	County Chaves
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Brenda Coffman

Title: Regulatory Analyst

Date: 04/22/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Gary L. Eidson

Date of Survey: 04/21/2005

Certificate Number: 12641

Permit Conditions Of Approval

C-101, Permit 10244

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: CHAVLEA 1 STATE #1 #001

OCD Reviewer	Condition
PKAUTZ	Re-seeding mixture will must be approved or authorized by surface owner
PKAUTZ	Notice is to be given to the OCD prior to construction of the pit(s)
PKAUTZ	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/08/05 11:40:51
OGSMNM -TPYY
PAGE NO: 2

Sec : 01 Twp : 12S Rng : 31E Section Type : NORMAL

L 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10 A	K 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10	J 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10	I 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10
M 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10	N 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10	O 40.00 MI B10411 0049 CHESAPEAKE EXPLOR 07/02/53	P 40.00 MI V07272 0001 READ & STEVENS IN 01/01/10

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12