

## 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

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210</b>		OGRID Number <b>25575</b>
		API Number <b>30-15-32889</b>
Property Code <b>32580</b>	Property Name <b>Humidor State Unit</b>	Well No. <b>001</b>

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	23	24S	27E		990	N	990	E	Eddy

**Proposed Pools**

<b>WILDCAT;MORROW (GAS) 96070</b>
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Work Type <b>New Well</b>	Well Type <b>Gas</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>3182</b>
Multiple <b>N</b>	Proposed Depth <b>12900</b>	Formation <b>Morrow</b>	Contractor	Spud Date <b>7/14/2003</b>

**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	500	500	0
Int1	12.25	9.625	36	2430	1100	0
Int2	8.75	7	26	10500	1650	1900
Prod	6.25	4.5	11.6	12900	400	10000

**Casing/Cement Program: Additional Comments**

Yates Petroleum Corporation proposes to drill/test the Morrow and intermediate formations. Approximately 500 ft. of surface casing will be set/cemented. If commercial, production casing will be run/cemented, will perforate/stimulate as needed for production. MUD PROGRAM: 0-500 ft. FW Gel; 500-2430 ft. Brine; 2430-9100 ft. Brine; 9100-10300 ft. Brine; 10300-10500 ft. Polimers; 10500-TD Polimers. No H2S is anticipated.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
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 Signed By: Robert Asher		Electronically Approved By: Bryan Arrant	
Title: Regulatory Technician		Title: Geologist	
Date: 7/11/2003		Approval Date: 7/21/2003	Expiration Date: 7/21/2004
Phone: 505-748-4364		Conditions of Approval: No Conditions	

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Form C-102

## Oil Conservation Division

1220 S. St Francis Dr.

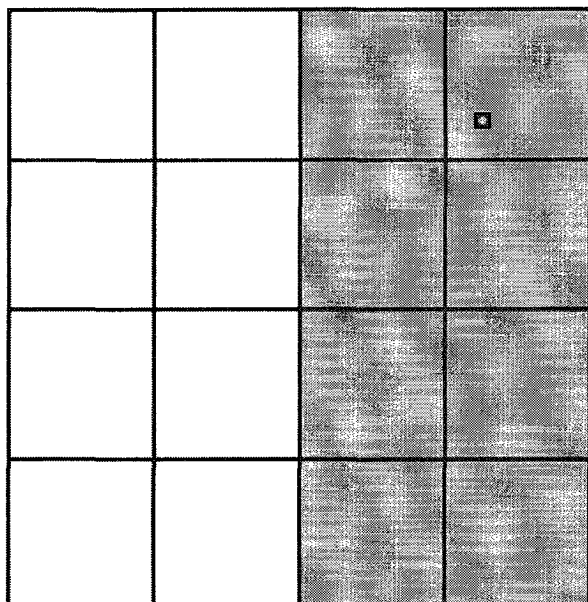
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-15-32889	Pool Name WILDCAT;MORROW (GAS)	Pool Code 96070
Property Code 32580	Property Name Humidor State Unit	Well No. 001
OGRID No. 25575	Operator Name Yates Petroleum Corporation	Elevation 3182

**Surface And Bottom Hole Location**

UL or Lot A	Section 23	Township 24S	Range 27E	Lot Idn	Feet From 990	N/S Line N	Feet From 990	E/W Line E	County Eddy
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: Robert Asher

Title: Regulatory Technician

Date: 7/11/2003

**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.*

Electronically Signed By: Dan R. Reddy

Date of Survey: 7/3/2003

Certificate Number: 5412