

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 Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-25-36402
Property Code 32847	Property Name Mandrell State Unit	Well No. 001

**Surface Location**

UL or Lot D	Section 19	Township 14S	Range 35E	Lot Idn	Feet From 990	N/S Line N	Feet From 990	E/W Line W	County Lea
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**Proposed Pools**

WILDCAT MISSISSIPPIAN
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Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 4066
Multiple N	Proposed Depth 14100	Formation Chester	Contractor	Spud Date

**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	500	0
Int1	12.25	9.625	40	6200	1750	0
Prod	8.75	5.5	20	14100	2700	5600

**Casing/Cement Program: Additional Comments**

YPC proposes to drill/test the Chester/intermediate formations. Approx. 400 of surface casing will be set/cemented. Intermediate casing will be set @ 6200k, cement circ. to surface. If commercial, prod. casing will be run/cemented, perforate/stimulate as needed for production. MUD PROGRAM: 0-400 FW Gel/Paper; 400-1860 FW; 1860-6150 FW Going to Brine; 6150-12300 Cut Brine w/Sweeps; 12300-14100 Salt Gel/Starch/4% KCL.
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**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.	
Electronically Signed By: Debbie Caffall	
Title: Regulatory Technician	
Date: 9/9/2003	Phone: 505-748-4364

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 9/10/2003	Expiration Date: 9/10/2004
Conditions of Approval: No Conditions	

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Form C-102

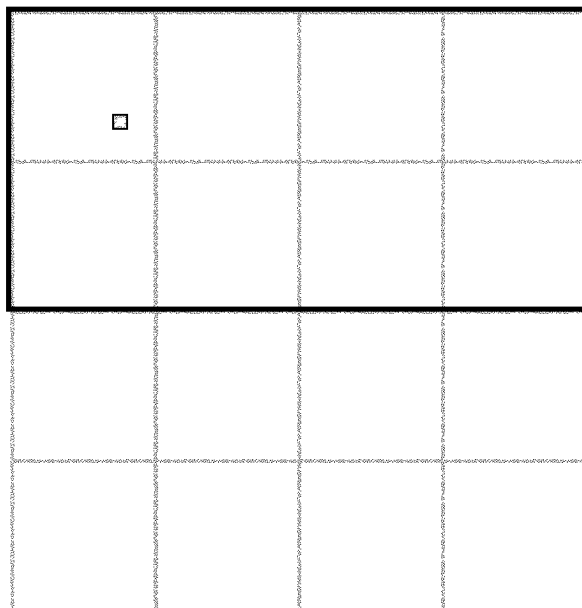
Oil Conservation Division  
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Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-25-36402	Pool Name WILDCAT MISSISSIPPIAN	Pool Code
Property Code 32847	Property Name Mandrell State Unit	Well No. 001
OGRID No. 25575	Operator Name Yates Petroleum Corporation	Elevation 4066

**Surface And Bottom Hole Location**

UL or Lot D	Section 19	Township 14S	Range 35E	Lot Idn	Feet From 990	N/S Line N	Feet From 990	E/W Line W	County Lea
Dedicated Acres 320.11		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: Debbie Caffall

Title: Regulatory Technician

Date: 9/9/2003

**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: Herschel Jones

Date of Survey: 9/5/2003

Certificate Number: 3640