

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 30-025-36525
Property Code 33253	Property Name Willie State Unit	Well No. 001

**Surface Location**

UL or Lot K	Section 31	Township 11S	Range 35E	Lot Idn K	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County Lea
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**Proposed Pools**

FOUR LAKES;MISSISSIPPIAN (GAS) 97053
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Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 4143
Multiple N	Proposed Depth 12750	Formation Mississippi Limestone	Contractor	Spud Date 01/08/2004

**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	12.25	9.625	40	4300	1500	0
Prod	8.75	5.5	17	12750	1650	3800

**Casing/Cement Program: Additional Comments**

Yates Petroleum Corporation proposes to drill/test the Mississippian/intermediate formations. Approximately 400' of surface casing will be set/cemented. Intermediate casing will be set @ 4550', cement circ. to surface. If commercial, production casing will be run/cemented, perforate/stimulate as needed for production. MUD PROGRAM: 0-400' FW/Spud Mud; 400'-2210' FW; 2210' - 4300' Red Bed Mud/Oil; 4300' -7750' Cut Brine; 7750'-9750' Salt Gel/Oil; 9750'-11600' S Gel/Starch; 11600'- 12750' SW/Starch/4%KCL. NO H2S ANTICIPATED.
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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: 01/07/2004	Phone: 505-748-4364

<b>OIL CONSERVATION DIVISION</b>	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 01/08/2004	Expiration Date: 01/08/2005
Conditions of Approval: No Conditions	

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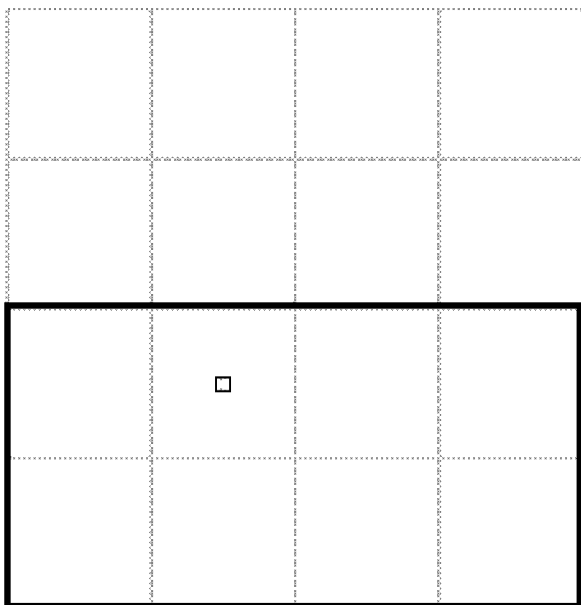
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-36525	Pool Name FOUR LAKES;MISSISSIPPIAN (GAS)	Pool Code 97053
Property Code 33253	Property Name Willie State Unit	Well No. 001
OGRID No. 25575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4143

**Surface And Bottom Hole Location**

UL or Lot K	Section 31	Township 11S	Range 35E	Lot Idn K	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County Lea
Dedicated Acres 312.41		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: 01/07/2004

**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: Herschel Jones

Date of Survey: 01/05/2004

Certificate Number: 3640