District II
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

APPLICATION FOR PERMIT TO DRILL

Yates Petroleun	Operator Name and Address  a Corporation	OGRID Number 25575	
	105 South Fourth St. Artesia, NM 88210		
Property Code 32254	Property Name Strait State Unit	Well No. 001	

#### **Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	33	10S	34E		1980	S	660	B	Lea

## **Proposed Pools**

### SAND SPRINGS:MISSISSIPPIAN (GAS) 97125

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	Gas		State	4209
Multiple	Proposed Depth	Formation	Contractor	Spud Dete
N	12750	Mississippi Limestone		4/18/2003

**Proposed Casing and Cement Program** 

Туре	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	4150	1400	0
Prod	8.75	7	26	12750	1650	3650

### Casing/Cement Program: Additional Comments

YPC proposes to drill/test the Mississippian/intermediate formations. Approx. 400 ft. of surface casing will be set/cemented. Intermediate casing will be set @ 4150 ft., cement circ. to surface. If commercial, prod. casing will be run/cemented, perforate/stimulate as needed for production. MUD PROGRAM: 0-400 ft. FW/Spud Mud; 400-2070 ft. FW; 2070-4150 ft. Red Bed Mud/Oil; 4150-7750 Cut Brine; 7150-9250 ft. S Gel/Oil; 9250-11675 S Gel/Starch; 11675-TD SW/Starch/4% KCL.

**Proposed Blowout Prevention Program** 

Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

	plete to the best of my knowledge and	belief.
Electron	ically Signed By: Robert Asher	
	legulatory Technician	

OIL CONSERVATION DIVISION
Electronically Approved By: Chris Williams
Title: District Supervisor
Approval Date: 4/17/2003 Expiration Date: 4/17/2004
Conditions of Approval: No Conditions

Form C-102

District I

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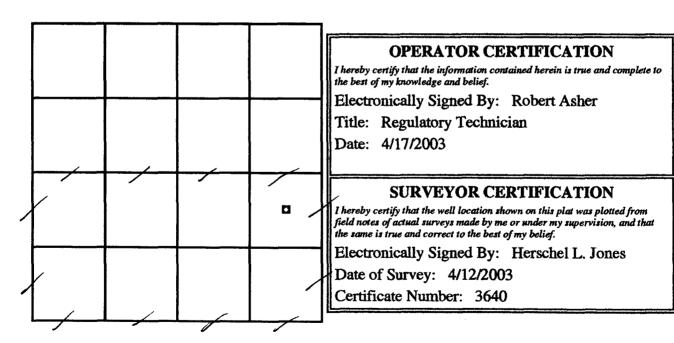
Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
30-25-36253	SAND SPRINGS;MISSISSIPPIAN (GAS)	97125
Property Code	Property Name	Well No.
32254	Strait State Unit	001
OGRID No. 25575	Operator Name Yates Petroleum Corporation	Elevation 4209

#### **Surface And Bottom Hole Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	33	10S	34E		1980	S	660	E	Lea
11	ed Acres 20	Joint or	Infill	Consoli	dation Code	Order No.			



# **APD Comments**

Operator: 25575 Yates Petroleum Corporation

Well: Strait State Unit 001

User Name	Comment	<b>Comment Date</b>
DMULL	You picked the wrong pool for this location. Pool should be Sand Springs Mississippian (Gas). Pool code is 97125.	4/17/2003