

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</b> 105 South Fourth St. Artesia, NM 88210		OGRID Number <b>25575</b>
		API Number <b>30-025-36582</b>
Property Code <b>33450</b>	Property Name <b>Rokesmith BDI State Com.</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
I	2	11S	34E	I	1750	S	700	E	Lea

### Proposed Pools

SAND SPRINGS;MISSISSIPPIAN (GAS) 97125
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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>4149</b>
Multiple <b>N</b>	Proposed Depth <b>12350</b>	Formation <b>Mississippian Age Rocks- Undivided</b>	Contractor	Spud Date <b>02/19/2004</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	400	400	0
Int1	12.25	9.625	40	4200	1500	0
Prod	8.75	5.5	17	12350	2600	3700

### 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 @ 4200', 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'-2070' FW; 2070' – 4200' Red Bed Mud/Oil; 4200' -7650' Cut Brine; 7650'-9080' S Gel/Oil; 9080'-11510' S Gel/Starch; 11510'- TD SW/Starch/4%KCL. BOPE PROGRAM: A 5000 # BOPE will be installed on the 9 5/8" casing and tested daily. No
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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: 02/18/2004	Phone: 505-748-4364

<b>OIL CONSERVATION DIVISION</b>	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 02/19/2004	Expiration Date: 02/19/2005
Conditions of Approval: No Conditions	

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## State of New Mexico

Form C-102

## Energy, Minerals and Natural Resources

## Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-36582	Pool Name SAND SPRINGS;MISSISSIPPIAN (GAS)	Pool Code 97125
Property Code 33450	Property Name Rokesmith BDI State Com.	Well No. 001
OGRID No. 25575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4149

**Surface And Bottom Hole Location**

UL or Lot I	Section 2	Township 11S	Range 34E	Lot Idn I	Feet From 1750	N/S Line S	Feet From 700	E/W Line E	County Lea
Dedicated Acres 395.48		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: 02/18/2004

**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.*

Electronically Signed By: Herschel Jones

Date of Survey: 02/09/2004

Certificate Number: 3640