

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
Permit 16091

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-025-37466
Property Code 35120	Property Name TWITTY BHF STATE	Well No. 001

Surface Location

UL or Lot J	Section 36	Township 09S	Range 33E	Lot Idn J	Feet From 1650	N/S Line S	Feet From 1980	E/W Line E	County Lea
----------------	---------------	-----------------	--------------	--------------	-------------------	---------------	-------------------	---------------	---------------

Proposed Pools

X-4 RANCH;MISSISSIPPIAN, WEST (GAS) 97437

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 4274
Multiple N	Proposed Depth 11950	Formation Mississippian Age Rocks- Undivided	Contractor	Spud Date 09/24/2005

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	4000	1300	0
Prod	8.75	5.5	17	11950	1600	3500

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill and test the Mississippian/intermediate formations. Approximately 400 of surface casing will be set and cement circulated. Intermediate casing will be set at 4000, cement circulated to surface. If commercial, production casing will be ran, cemented, perforated, and stimulated as need to gain production. MUD PROGRAM: 0-400 FW Gel/Paper; 400-2050 FW; 2050-4000 Red Bed Mud/Oil; 4000-7600 Cut Brine; 7600-11152 SGel/Starch; 11152-TD SW/Starch/4-6% KCL.

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: 09/23/2005

Phone: 505-748-4364

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 09/26/2005

Expiration Date: 09/26/2006

Conditions of Approval:

There are conditions. See Attached.