

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 1941

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-025-36917
Property Code 34358	Property Name BUFFETT BFF STATE	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	15	12S	38E	N	330	S	2310	W	Lea

Proposed Pools

TRINITY;WOLFCAMP 59890

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3817
Multiple N	Proposed Depth 9800	Formation Wolfcamp	Contractor	Spud Date 10/20/2004

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	4600	1650	0
Prod	8.75	5.5	17	9800	1600	4100

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill and test the Wolfcamp/Intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4600', cement circ. to surface. If commercial, production casing will be run and cemented, perforate and stimulate as needed for production. MUD PROGRAM: 0-400' - FW Gel/Paper; 400' - 2285' Fresh Water; 2285' - 4600' Red Bed Mud/Oil; 4600' to 9800' Cut Brine; BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8" casing and tested for operational.

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: 10/19/2004

Phone: 505-748-4364

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 10/20/2004 Expiration Date: 10/20/2005

Conditions of Approval:
There are conditions. See Attached.