

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 1279

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-015-33585
Property Code 34160	Property Name BARKIS BEK STATE COM.	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	30	18S	28E	J	1980	S	1340	E	Eddy

Proposed Pools

Wildcat Chester

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3562
Multiple N	Proposed Depth 10850	Formation Chester	Contractor	Spud Date

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	500	0
Int1	12.25	9.625	36	2250	900	0
Prod	8.75	5.5	17	10850	2750	750

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill and test the Chester and intermediate formations. Approximately 400 of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production. MUD PROGRAM: 0-400 FW Gel/Paper; 400-2250 Brine; 2250-9700 Cut Brine; 9700-TD Salt Gel /Starch/2% KCL. BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8 casing and tested daily.

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: 07/29/2004

Phone: 505-748-4364

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 08/27/2004 Expiration Date: 08/27/2005

Conditions of Approval:
There are conditions. See Attached.