

CISF
B6M
SKH

Form C-101

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

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-5-63521
Property Code 30929	Property Name LORETTA BBO 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
N	19	10S	27E		660	S	1980	W	Chaves

Proposed Pools

WILDCAT PRECAMBRIAN				
Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 3731
Multiple N	Proposed Depth 6635	Formation Devonian	Contractor	Spud Date 12/7/2002

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	600	400	0
Int1	11	8.625	24	1200	500	0
Prod	7.875	5.5	15.5	6635	500	4200

Casing/Cement Program: Additional Comments

YPC proposes to drill/test the Basement/intermediate formations. Approx. 1200 of surface casing will be set/cemented. If commercial, production casing will be run/cemented, will perforate/stimulate as needed for production. MUD PROGRAM: 0-600 FW Gel/Paper/LCM; 600-4630 Brine; 4630-6635 Starch/Salt Gel. 8.625 casing will only be set if lost circulation is encountered.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	