

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 1897

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-005-63693
Property Code 34364	Property Name WILLOW CREEK BFI STATE	Well No. 008

Surface Location

UL or Lot I	Section 30	Township 04S	Range 25E	Lot Idn I	Feet From 1980	N/S Line S	Feet From 660	E/W Line E	County Chaves
----------------	---------------	-----------------	--------------	--------------	-------------------	---------------	------------------	---------------	------------------

Proposed Pools

Wildcat Precambrian
---------------------

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3916
Multiple N	Proposed Depth 5435	Formation Undesignated Precambrian	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	14.75	11.75	42	900	600	0
Int1	11	8.625	24	1600	550	0
Prod	7.875	5.5	15.5	5435	650	

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill/test the Precambrian and intermediate formations. Approximately 900' of surface casing will be set/cemented to shut off gravel and cavings. The 8.625" intermediate casing will only be set if lost circulation is encountered. If commercial, production casing will be run/cemented; will perforate/stimulate as needed for production. MUD PROGRAM: 0-900' - FW Gel/Paper/LCM; 900' - 1600' Cut Brine; 1600'-3500 Brine; 3500' - 5435' Starch/Salt Gel/4-6% KCL. BOPE PROGRAM: A 2000# BOPE will be installed on the 8 5/8" casing and tested daily.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

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: Bryan Arrant

Title: Geologist

Approval Date: 10/25/2004 Expiration Date: 10/25/2005

Conditions of Approval:  
There are conditions. See Attached.