

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

Form C-101

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 30-25-36223
Property Code 29794	Property Name Big Hat State Unit	Well No. 003

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	3	16S	33E		795	N	2281	E	Lea

Proposed Pools

WILDCAT DEVONIAN

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type State	Ground Level Elevation 4219
Multiple N	Proposed Depth 14200	Formation Devonian	Contractor	Spud Date 3/12/2003

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	4500	1750	0
Int2	8.75	7	29	13820	1800	4000
Prod	6.125	4.5	11.6	14200	200	13300

Casing/Cement Program: Additional Comments

YPC proposes to drill/test the Devonian/intermediate formations. Approx. 400 ft. of surface casing will be set/cemented. Approx. 4500 ft. of intermediate casing will be set/cemented. A string of 7 inch casing will be run to 13,820 ft. and cemented to 4000 ft. TOC. If commercial, production casing will be run/cemented, perforate/stimulate as needed for production. MUD PROGRAM: 0-400 ft. FW/Native Mud; 400-4500 ft. Brine; 4500-9400 FW; 9400-13820 Brine; 13820-TD SW Gel/Starch/4% 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: Robert Asher	
Title: Regulatory Technician	
Date: 3/12/2003	Phone: 505-748-4364

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 3/13/2003	Expiration Date: 3/13/2004
Conditions of Approval: No Conditions	

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

Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36223	Pool Name WILDCAT DEVONIAN	Pool Code
Property Code 29794	Property Name Big Hat State Unit	Well No. 003
OGRID No. 25575	Operator Name Yates Petroleum Corporation	Elevation 4219

Surface And Bottom Hole Location

UL or Lot B	Section 3	Township 16S	Range 33E	Lot Idn	Feet From 795	N/S Line N	Feet From 2281	E/W Line E	County Lea
Dedicated Acres 47.98	Joint or Infill	Consolidation Code	Order No.						

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Robert Asher

Title: Regulatory Technician

Date: 3/12/2003

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Electronically Signed By: Herschel L. Jones

Date of Survey: 3/11/2003

Certificate Number: 3640

APD Comments

Operator: 25575 Yates Petroleum Corporation

Well: Big Hat State Unit 003

User Name	Comment	Comment Date
DMULL	I email Robert Asher back, to check the pool. Devonian or Delaware?	3/12/2003