

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, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA, NM 88210		2. OGRID Number 25575
		3. API Number 30-05-27979
4. Property Code 34586	5. Property Name PATSY STATE UNIT	6. Well No. 006

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	2	12S	31E	N	990	S	1650	W	CHAVES

8. Pool Information

Wildcat Mississippian (Gas)	0
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4446
14. Multiple N	15. Proposed Depth 11300	16. Formation Mississippian Age Rocks-Undivided	17. Contractor	18. Spud Date
Depth to Ground water 65		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12 miles thick Clay ☐ Pit Volume: 24000 bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	400	275	
Int1	11	8.625	24	3650	1025	
Prod	7.875	5.5	17	11300	1325	

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill and test the Mississippian/Intermediate formations. Approximately 400' of surface casing will be set/cement circulated. to shut off gravel and cavings. Intermediate casing will be set @ 36500', cement circulated to the surface. If commercial, production casing will be ran and cemented, perforated, and stimulated as needed for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☒ or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Shirley Pruitt	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: shirleyp@ypcnm.com	Approved Date: 10/30/2007 Expiration Date: 10/30/2008
Date: 10/29/2007 Phone: 505-748-4356	Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

Form C-102
Permit 62877

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-05-27979	2. Pool Code	3. Pool Name Wildcat Mississippian (Gas)
4. Property Code 34586	5. Property Name PATSY STATE UNIT	6. Well No. 006
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 4446

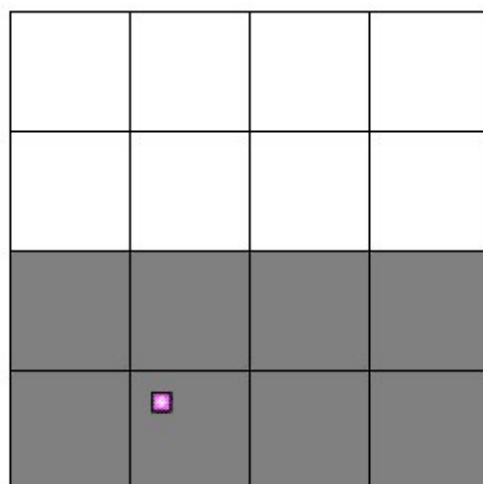
10. Surface Location

UL - Lot N	Section 2	Township 12S	Range 31E	Lot Idn	Feet From 990	N/S Line S	Feet From 1650	E/W Line W	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Shirley Pruitt

Title:

Date: 10/29/2007

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.

Surveyed By: Gary Jones

Date of Survey: 10/12/2007

Certificate Number: 7977

Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: PATSY STATE UNIT #006

API: 30-05-27979

Created By	Comment	Comment Date
DCAFFALL	BOPE PROGRAM: A 5000# Double Ram BOPE will be installed on the 8 5/8" casing and tested daily for operational.	10/29/2007
DCAFFALL	Sources at YPC have relayed information to me that they believe there will not be enough H2S found from the surface to the Chester formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.	10/29/2007
DCAFFALL	MUD PROGRAM: 0-400' – FW Gell; 400' – 1450' FW; 1450'-3650' Red Bed Mud/Oil; 3650'– 7200'– Cut Brine; 7200'– 10500' SW Gel/Starch; 10500' – 11000' SW Gel/Starch/4-6% KCL; 11000' – 11300'/TD SW Gel/Starch/4-6%KCL.	10/29/2007

Permit Conditions of Approval

Operator: YATES PETROLEUM CORPORATION , 25575

Well: PATSY STATE UNIT #006

API: 30-05-27979

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines