

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 30-015-34551
4. Property Code 35383	5. Property Name OHKAY BHH STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	6	25S	30E	4	330	N	330	W	EDDY

8. Pool Information

WILDCAT, BONE SPRING	96403
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3139
14. Multiple N	15. Proposed Depth 9200	16. Formation Bone Spring	17. Contractor	18. Spud Date 1/17/2006
Depth to Ground water 425		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12 miles thick Clay ☐ Pit Volume: 20000 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	17.5	13.375	48	600	500	0
Int1	11	8.625	32	3150	1000	0
Prod	7.875	5.5	15.5	9200	1650	0

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill and test the Bone Spring and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 3150' cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed to gain production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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	
	Approved By: Bryan Arrant	
Printed Name: Electronically filed by Debbie Caffall	Title: Geologist	
Title: Regulatory Agent	Approved Date: 1/20/2006	Expiration Date: 1/20/2007
Email Address: debbiec@ypcnm.com		
Date: 1/16/2006	Phone: 505-748-4376	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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Form C-102
 Permit 21602

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34551	2. Pool Code 96403	3. Pool Name WILDCAT; BONE SPRING
4. Property Code 35383	5. Property Name OHKAY BHH STATE	6. Well No. 001
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3139

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	6	25S	30E	4	330	N	330	W	EDDY

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 40.17		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: Debbie Caffall
 Title: Regulatory Agent
 Date: 1/16/2006

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: Hershel Jones
 Date of Survey: 11/9/2005
 Certificate Number: 3640

Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: OHKAY BHH STATE #001

API: 30-015-34551

Created By	Comment	Comment Date
CYCOWAN	MUD PROGRAM: 0-400' FW/Native Mud; 400'-3150' Brine; 3150'-6900' Cut Brine; 6900'-TD CutBrine/Starch.	1/16/2006
CYCOWAN	Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4250' cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed to gain production.	1/16/2006
CYCOWAN	Sources at YPC have relayed information to me that they believe there will not be enough H2S found from the surface to the Mississippian formation to meet the OCD's minimum requirements for the submission of a contingency plan.	1/16/2006

Permit Conditions of Approval

Operator: YATES PETROLEUM CORPORATION , 25575

Well: OHKAY BHH STATE #001

API: 30-015-34551

OCD Reviewer	Condition
BArrant	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
BArrant	Opearator to set surface casing in anhydrite section of Rusiter. Please refer to offset logs/geology for more information.