

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 199392

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
4. Property Code 314090		3. API Number 30-015-42949
5. Property Name MACANUDO BTE STATE COM		6. Well No. 003H

7. Surface Location

UL - Lot	L	Section	14	Township	24S	Range	27E	Lot Idn	Feet From	1980	N/S Line	S	Feet From	200	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	I	Section	14	Township	24S	Range	27E	Lot Idn	I	Feet From	1980	N/S Line	S	Feet From	330	E/W Line	E	County	Eddy
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9. Pool Information

WILLOW LAKE;BONE SPRING;WEST	96415
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3210
16. Multiple N	17. Proposed Depth 12151	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. 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	645	515	0
Int1	12.25	9.625	36	2450	835	0
Prod	8.5	5.5	17	12151	1190	7352
Prod	8.75	5.5	17	7852	700	1950

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	
Double Ram	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Travis Hahn	Approved By: Randy Dade
Title: Land Regulatory Agent	Title: District Supervisor
Email Address: thahn@yatespetroleum.com	Approved Date: 2/17/2015 Expiration Date: 2/17/2017
Date: 2/6/2015 Phone: 575-748-4120	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 199392

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42949	2. Pool Code 96415	3. Pool Name WILLOW LAKE;BONE SPRING;WEST
4. Property Code 314090	5. Property Name MACANUDO BTE STATE COM	6. Well No. 003H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3210

10. Surface Location

UL - Lot L	Section 14	Township 24S	Range 27E	Lot Idn	Feet From 1980	N/S Line S	Feet From 200	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot I	Section 14	Township 24S	Range 27E	Lot Idn	Feet From 1980	N/S Line S	Feet From 330	E/W Line E	County Eddy
12. Dedicated Acres 160.00	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

<table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>																	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Travis Hahn Title: Land Regulatory Agent Date: 2/6/2015</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Gary Jones Date of Survey: 10/10/2014 Certificate Number: 7977</p>

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Form APD Comments

Permit 199392

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-015-42949
	Well: MACANUDO BTE STATE COM #003H

Created By	Comment	Comment Date
THAHN	Samples: 10' Samples Surface-TD. Logging: GR NEUTRON 30 DEG DEV TO SURFACE, NEUTRON DENSITY 30 DEG DEV TO INTERM CASING, LATEROLOG 30 DEG DEV TO INTERM CASING, CMR 30 DEG DEV TO INTERM CASING, HORIZONTAL-MWD-GR. DST's: None. Coring: None. Mudlogging: On after surface casing.	2/6/2015
THAHN	MAXIMUM ANTICIPATED BHP (DEPTHS ARE TVD): 0'-645' is 309 PSI, 645'-2450' is 1299 PSI, 2450'-7720' is 3693 PSI	2/6/2015
THAHN	Well will be drilled vertically to 7116' then will be kicked off and directionally drilled at 12 degrees per 100' with a 8.75" hole to 7852' MD (7594' TVD). Hole size will then be reduced to 8.5" and drilled to 12151' MD (7720' TVD) where 5.5" casing will be set and cemented 500' into previous casing string. Penetration point of producing zone will be encountered at 1980' FSL and 663' FWL, 14-24S-27E. Deepest TVD is 7720' in lateral.	2/6/2015
THAHN	H2S is not anticipated. C-102 and horizontal diagram will follow.	2/6/2015

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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-015-42949
	Well: MACANUDO BTE STATE COM #003H
OCD Reviewer	
Condition	