

**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) 334-8170  
**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 208749

**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 315134		3. API Number 30-025-42733
5. Property Name WILDHOG BWX STATE COM		6. Well No. 001H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	20	26S	36E	C	200	N	1980	W	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	20	26S	26E	N	330	S	1980	W	Lea

**9. Pool Information**

WC-025 G-08 S263620C;LOWER BONE SPR	98150
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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 2943
16. Multiple N	17. Proposed Depth 16344	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 9/1/2015
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	1805	1325	0
Int1	12.25	9.625	36	5250	1715	0
Prod	8.5	5.5	17	16344	1560	12073
Prod	8.75	5.5	17	12073	730	4750

**Casing/Cement Program: Additional Comments**

Well will be drilled vertically to approximately 11323'. Well will then be kicked off and directionally drilled at 12 degrees per 100' with an 8.75" hole to 12073' MD (11800' TVD). Hole size will then be reduced to 8.5" and drilled to 16344' MD (11800' TVD) where 5.5" casing will be set and cemented 500' into previous casing string. Penetration point of producing zone will be encountered at 677' FNL and 1980' FWL, 20-T26S-R36E. Deepest TVD is 11800' in the lateral.

**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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Travis Hahn	Approved By: Paul Kautz
Title: Land Regulatory Agent	Title: Geologist
Email Address: thahn@yatespetroleum.com	Approved Date: 8/19/2015      Expiration Date: 8/19/2017
Date: 8/17/2015      Phone: 575-748-4120	Conditions of Approval Attached

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Form C-102  
August 1, 2011  
Permit 208749

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42733	2. Pool Code 98150	3. Pool Name WC-025 G-08 S263620C, LOWER BONE SPR
4. Property Code 315134	5. Property Name WILDHOG BWX STATE COM	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 2943

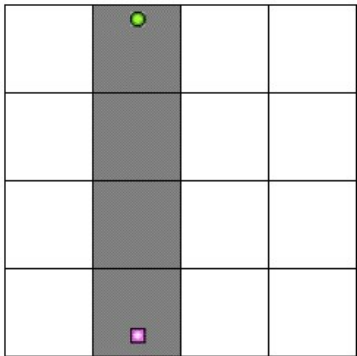
**10. Surface Location**

UL - Lot C	Section 20	Township 26S	Range 36E	Lot Idn C	Feet From 200	N/S Line N	Feet From 1980	E/W Line W	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot N	Section 20	Township 26S	Range 36E	Lot Idn N	Feet From 330	N/S Line S	Feet From 1980	E/W Line W	County Lea
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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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:                 8/17/2015</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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:     8/13/2015 Certificate Number: 7977</p>
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Form APD Comments

Permit 208749

**PERMIT COMMENTS**

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-025-42733
	Well: WILDHOG BWX STATE COM #001H

Created By	Comment	Comment Date
thahn	Samples: 10' samples surface to TD. Logging: HORIZONTAL-MWD-GR-CURVE & LATERAL, CNL/LDT/NGT-CURVE TO INTERM CSG, CNL/GR-CURVE TO SURF CSG, DLL/MSFL-CURVE TO INTERM CSG. DST's: None. Coring: None. Mudlogging: On Below Surface Casing. Mud Level Monitoring: After surface casing is set an electronic PVT system will be installed as our primary mud level monitoring system. A secondary system will also be implemented as to insure the PVT system is functioning properly. The secondary system will be comprised of the derrick hand checking the fluid level in the pit.	8/17/2015
thahn	MAXIMUM ANTICIPATED BHP (DEPTHS ARE TVD): 0'-1805' is 864 PSI, 1805'-5250' is 2785 PSI, 5250'-11800' is 5645 PSI.	8/17/2015
thahn	C-102 and horizontal diagram hard copies will follow. No H2S is anticipated in this well.	8/17/2015

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Form APD Conditions

Permit 208749

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-025-42733
	Well: WILDHOG BWX STATE COM #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186
pkautz	1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.