

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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 177487

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 30-015-41816
4. Property Code 37990	5. Property Name TORPEDO BOW STATE COM	6. Well No. 004H

7. Surface Location

UL - Lot A	Section 11	Township 25S	Range 27E	Lot Idn	Feet From 660	N/S Line N	Feet From 15	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot D	Section 11	Township 25S	Range 27E	Lot Idn D	Feet From 660	N/S Line N	Feet From 330	E/W Line W	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 3114
16. Multiple N	17. Proposed Depth 12526	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	400	415	0
Int1	12.25	9.625	36	2400	820	0
Prod	8.5	5.5	17	12526	1360	4600
Prod	8.75	5.5	17	4600	530	1900

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	

<p>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.</p> <p>Signature:</p> <p>Printed Name: Electronically filed by LORI FLORES</p> <p>Title: Land Regulatory Technician</p> <p>Email Address: lorif@yatespetroleum.com</p> <p>Date: 11/20/2013</p> <p>Phone: 575-748-4448</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: Randy Dade</p> <p>Title: District Supervisor</p> <p>Approved Date: 11/20/2013</p> <p>Expiration Date: 11/20/2015</p> <p>Conditions of Approval Attached</p>
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-41816	2. Pool Code 96415	3. Pool Name WILLOW LAKE;BONE SPRING,WEST
4. Property Code 37990	5. Property Name TORPEDO BOW STATE COM	6. Well No. 004H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3114

10. Surface Location

UL - Lot A	Section 11	Township 25S	Range 27E	Lot Idn	Feet From 660	N/S Line N	Feet From 15	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 11	Township 25S	Range 27E	Lot Idn	Feet From 660	N/S Line N	Feet From 330	E/W Line W	County Eddy
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12. Dedicated Acres 160.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
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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>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>
	E-Signed By: LORI FLORES Title: Land Regulatory Technician Date: 11/20/2013
	SURVEYOR CERTIFICATION
	<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>
	Surveyed By: Gary Jones Date of Survey: 10/22/2013 Certificate Number: 7977

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Form APD Comments

Permit 177487

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-015-41816
	Well: TORPEDO BOW STATE COM #004H

Created By	Comment	Comment Date
THAHN	C-102 and horizontal plan will be delivered. H2S is not anticipated.	11/20/2013
THAHN	Samples: 30' Sample to 2300'. 10' Samples 2300'-TD	11/20/2013
THAHN	MAXIMUM ANTICIPATED BHP: DEPTHS ARE TVD 0'-400' is 191 PSI 400'-2400' is 1220 PSI 2400'-7787' is 3725 PSI	11/20/2013
THAHN	Well will be drilled to 7310' then kicked off and directionally drilled at 12 degrees per 100' with a 8.75" hole to 8072' MD (7787' TVD). Hole size will then be reduced to 8.5" and drilled to 12526' MD (7670' TVD) where 5.5" casing will be set and cemented 500' into intermediate casing with a DV tool at approx. at 4600'. Penetration point of producing zone will be encountered at 660' FNL and 505' FEL, 11-25S-27E. Deepest TVD is 7787' in the lateral.	11/20/2013
CSHAPARD	Land s/S	11/20/2013

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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: 30-015-41816
	Well: TORPEDO BOW STATE COM #004H

OCD Reviewer	Condition
CSHAPARD	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