

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 176739

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 30-015-41787
		6. Well No. 014H
4. Property Code 15788	5. Property Name PATRIOT AIZ	

7. Surface Location

UL - Lot	M	Section	21	Township	19S	Range	25E	Lot Idn		Feet From	551	N/S Line	S	Feet From	65	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	M	Section	20	Township	19S	Range	25E	Lot Idn	M	Feet From	400	N/S Line	S	Feet From	330	E/W Line	W	County	Eddy
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9. Pool Information

Undesignated; Yeso	0
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3515
16. Multiple N	17. Proposed Depth 7342	18. Formation Yeso Formation	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	14.75	9.625	36	750	580	0
Prod	8.75	5.5	17	2772	340	0
Prod	8.5	5.5	17	7342	920	2772

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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: _____ Printed Name: Electronically filed by LORI FLORES Title: Land Regulatory Technician Email Address: lorif@yatespetroleum.com Date: 11/8/2013	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Randy Dade Title: District Supervisor Approved Date: 11/12/2013 Expiration Date: 11/12/2015 Conditions of Approval Attached
Phone: 575-748-4448	

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Form C-102
 August 1, 2011
 Permit 176739

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-41787	2. Pool Code	3. Pool Name Undesignated; Yeso
4. Property Code 15788	5. Property Name PATRIOT AIZ	6. Well No. 014H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3515

10. Surface Location

UL - Lot M	Section 21	Township 19S	Range 25E	Lot Idn	Feet From 551	N/S Line S	Feet From 65	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 20	Township 19S	Range 25E	Lot Idn	Feet From 400	N/S Line S	Feet From 330	E/W Line W	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

<div></div> <div></div> <div></div> <div></div> <div></div>	<p 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: LORI FLORES Title: Land Regulatory Technician Date: 11/8/2013</p>	
	<p 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: 10/17/2013 Certificate Number: 7977</p>	

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Form APD Comments

Permit 176739

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA, NM 88210	API Number: 30-015-41787
	Well: PATRIOT AIZ #014H

Created By	Comment	Comment Date
THAHN	C-102, drilling plan and H2S plan to follow.	11/8/2013
THAHN	Samples: 10' Samples 750'-TD	11/8/2013
THAHN	MAXIMUM ANTICIPATED BHP: DEPTHS ARE TVD 0'-750' is 339 PSI 750'-2400' is 1086 PSI	11/8/2013
THAHN	Well will be drilled vertically to 2013'. Well will then be kicked off and directionally drilled at 12 degrees per 100' with a 8.75" hole to 2772' MD (2490' TVD). Hole size will then be reduced to 8.5" and drilled to 7342' MD (2400' TVD) where 5.5" casing will be set and cemented. Production string will be cemented to surface. Penetration point of producing zone will be encountered at 538' FSL and 422' FEL, 20-19S-25E. Deepest TVD is 2490' in the lateral.	11/8/2013
CSHAPARD	Land p/P	11/12/2013

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Form APD Conditions

Permit 176739

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210		API Number: 30-015-41787
		Well: PATRIOT AIZ #014H

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