

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) 334-6178 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 183422

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 17315		3. API Number 30-015-42222
5. Property Name PATRICK API		6. Well No. 007H

7. Surface Location

UL - Lot	D	Section	9	Township	19S	Range	25E	Lot Idn		Feet From	300	N/S Line	N	Feet From	150	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

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

N. SEVEN RIVERS; GLORIETA-YESO	97565
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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 3472
16. Multiple N	17. Proposed Depth 6717	18. Formation Yeso Formation	19. Contractor	20. Spud Date 7/1/2014
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	1000	750	0
Prod	7.875	5.5	17	6717	845	0

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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable. Signature: _____ Printed Name: Electronically filed by LORI FLORES Title: Land Regulatory Technician Email Address: lorif@yatespetroleum.com Date: 3/21/2014	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Randy Dade Title: District Supervisor Approved Date: 3/25/2014 Expiration Date: 3/25/2016 Conditions of Approval Attached
Phone: 575-748-4448	

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Form C-102
August 1, 2011
Permit 183422

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42222	2. Pool Code 97565	3. Pool Name N. SEVEN RIVERS; GLORIETA-YESO
4. Property Code 17315	5. Property Name PATRICK API	6. Well No. 007H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3472

10. Surface Location

UL - Lot D	Section 9	Township 19S	Range 25E	Lot Idn	Feet From 300	N/S Line N	Feet From 150	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 9	Township 19S	Range 25E	Lot Idn	Feet From 400	N/S Line N	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

	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: 3/21/2014	
	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: 1/31/2014 Certificate Number: 7977	

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Form APD Comments

Permit 183422

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-015-42222
	Well: PATRICK API #007H

Created By	Comment	Comment Date
BILLM	Logging: NO LOGS HORIZONTAL-MWD-GR-turned on 500' before KOP to TD	3/21/2014
BILLM	Mudlogging: Surface to TD	3/21/2014
BILLM	PRESSURE CONTROL EQUIPMENT: A 3000 psi system will be nipped up and tested on 9 5/8" casing.	3/21/2014
BILLM	MAXIMUM ANTICIPATED BHP: DEPTHS ARE TVD: 0'-1000' 452 PSI, 1000'-2452' 1109 PSI.	3/21/2014
BILLM	H2S is anticipated.	3/21/2014
BILLM	Well will be drilled vertically to 1767'. Well will then be kicked off at approx. 1767' and directionally drilled at 12 degrees per 100' with a 7 7/8" hole to 2494' MD (2244' TVD). The lateral will be drilled with 7 7/8" hole to approx. 6717' MD (2452' TVD) where 5 1/2" casing will be set and cemented. Production string will be cemented to surface. Penetration point of producing zone to be stimulated will be encountered at 330' FNL and 605' FWL, 9-19S-25E. Deepest TVD is 2452' in the lateral.	3/21/2014
BILLM	The Form C-102 and Drilling plans will be mailed in.	3/21/2014
CSHAPARD	Land p/P	3/24/2014

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Form APD Conditions
Permit 183422

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210		API Number: 30-015-42222
		Well: PATRICK API #007H
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	