

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 148977

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 30-025-40579
4. Property Code 39231	5. Property Name POMEGRANATE BRP 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
M	36	20S	35E	M	160	S	660	W	LEA

8. Pool Information

WC-025 G-07 S203536M;BONE SPRING	97940
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3670
14. Multiple N	15. Proposed Depth 14995	16. Formation 2nd Bone Spring Sand	17. Contractor	18. Spud Date 9/1/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	600	475	0
Int1	12.25	9.625	40	5780	1930	0
Prod	8.5	5.5	17	14995	1510	8150
Prod	8.75	5.5	17	9930	545	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by LORI FLORES	Approved By: Paul Kautz
Title: Land Regulatory Technician	Title: Geologist
Email Address: lorif@yatespetroleum.com	Approved Date: 5/18/2012 Expiration Date: 5/18/2014
Date: 5/16/2012 Phone: 575-748-4448	Conditions of Approval Attached

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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
August 1, 2011
Permit 148977

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40579	2. Pool Code 97940	3. Pool Name WC-025 G-07 S203536M;BONE SPRING
4. Property Code 39231	5. Property Name POMEGRANATE BRP STATE COM	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3670

10. Surface Location

UL - Lot M	Section 36	Township 20S	Range 35E	Lot Idn	Feet From 160	N/S Line S	Feet From 660	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot D	Section 36	Township 20S	Range 35E	Lot Idn D	Feet From 330	N/S Line N	Feet From 660	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

<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 10px; left: 10px; width: 50px; height: 50px; background-color: #cccccc; border: 1px solid black; display: flex; align-items: center; justify-content: center;"> <div style="width: 10px; height: 10px; background-color: #ff00ff; border-radius: 50%;"></div> </div> <div style="position: absolute; bottom: 10px; left: 10px; width: 50px; height: 50px; background-color: #cccccc; border: 1px solid black; display: flex; align-items: center; justify-content: center;"> <div style="width: 10px; height: 10px; background-color: #00ff00; border-radius: 50%;"></div> </div> </div>	<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: LORI FLORES Title: Land Regulatory Technician Date: 5/16/2012</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: 4/21/2012 Certificate Number: 7977</p>
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Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: POMEGRANATE BRP STATE COM #001H

API: 30-025-40579

Created By	Comment	Comment Date
THAHN	C-144, C-102 and drilling diagram to follow by mail.	5/16/2012
THAHN	H2S is not anticipated.	5/16/2012
THAHN	Samples will be taken every 30' to 4500' then every 10' from 4500' to TD.	5/16/2012
THAHN	Maximim anticipated BHP (Depths are TVD): 0' to 600' is 287 PSI, 600'-5780' is 3086 PSI, 5780'-10422' is 4986 PSI.	5/16/2012
THAHN	Well will be drilled vertically to 9931' and will be kicked off at that point and be directionally drilled at 12 degrees per 100' with a 8.75" hole to 10679' MD (10408' TVD). Hole size will then be reduced to 8.5" and drilled to 14995' MD (10422' TVD) where 5.5" casing will be set and cemented. Penetration point of producing zone will be encountered at 636' FSL and 656' FWL in section 36 of T20S-R35E. Deepest TVD in the well will be 10422' in the lateral.	5/16/2012
pkautz	Land p/S	5/17/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-04612	5/18/2012

Permit Conditions of Approval

Operator: YATES PETROLEUM CORPORATION , 25575

Well: POMEGRANATE BRP STATE COM #001H

API: 30-025-40579

OCD Reviewer	Condition
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