

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 146818

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 30-025-40517
4. Property Code 39154	5. Property Name MANGO BRM STATE	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	27	20S	35E	C	100	N	2310	W	LEA

8. Pool Information

FEATHERSTONE;BONE SPRING	24250
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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 3682
14. Multiple N	15. Proposed Depth 15193	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	36	3700	1230	0
Int2	12.25	9.625	36	5850	730	3700
Prod	8.75	5.5	17	15193	1285	9500
Prod	8.75	5.5	17	10060	770	5350

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"/> . Printed Name: Electronically filed by LORI FLORES Title: Email Address: lorif@yatespetroleum.com Date: 4/9/2012	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 4/12/2012 Expiration Date: 4/12/2014 Conditions of Approval Attached
Phone: 575-748-4448	

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Form C-102
August 1, 2011
Permit 146818

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40517	2. Pool Code 24250	3. Pool Name FEATHERSTONE,BONE SPRING
4. Property Code 39154	5. Property Name MANGO BRM STATE	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3682

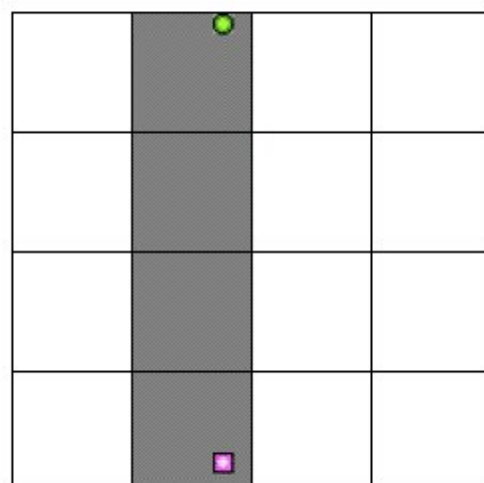
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	27	20S	35E		100	N	2310	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	27	20S	35E	N	330	S	2310	W	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



OPERATOR CERTIFICATION

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.

E-Signed By: LORI FLORES

Title:

Date: 4/9/2012

SURVEYOR CERTIFICATION

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.

Surveyed By: Gary Jones

Date of Survey: 3/19/2012

Certificate Number: 7977

Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: MANGO BRM STATE #001H

API: 30-025-40517

Created By	Comment	Comment Date
clif	C-102 and C-144 to fallow by mail.	4/9/2012
clif	Samples will be taken at 30' to 4500' then 10' to the TD.	4/9/2012
clif	H2S is not anticipated.	4/9/2012
clif	Maximum anticipated BHP: 0'-600' is 287 PSI, 600'-5850' is 3103 PSI, 5850'-10595' 5069 PSI, and 10595'-10850' 5191 PSI. Depths are TVD.	4/9/2012
clif	Pilot hole will be drilled vertically to 10850'.	4/9/2012
clif	Well will be plugged back at the pilot hole TD with a 200' cement plug and at the KOP with a 500'-600' kick off plug. Well will then be kicked off at approximately 10063' and directionally drilled at 12 degrees per 100' with a 8.75" hole to 10807' MD (10541' TVD). Hole size will then be reduced to 8.5" and drilled to 15193' MD (10595' TVD) where 5.5" casing will be set and cemented. Penetration point of producing zone will be encountered at 572' FNL and 2314' FWL, of Section 27 T-20S & R-35E. Deepest TVD in the well will be the pilot hole depth of 10850', deepest TVD in the lateral will be	4/9/2012
pkautz	Land p/S	4/9/2012
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT # P1-04415	4/11/2012

Permit Conditions of Approval

Operator: YATES PETROLEUM CORPORATION , 25575

Well: MANGO BRM STATE #001H

API: 30-025-40517

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