

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 144645

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 30-025-40453
4. Property Code 39090	5. Property Name CALCUTTA BRZ 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
D	32	24S	32E	D	330	N	660	W	LEA

8. Pool Information

WILDCAT G-06 S253206M;BONE SPRING	97899
-----------------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3491
14. Multiple N	15. Proposed Depth 10125	16. Formation 1st Bone Spring Sand	17. Contractor	18. Spud Date 6/1/2012
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	875	670	0
Int1	12.25	9.625	40	4650	1515	0
Prod	8.75	5.5	17	10125	1206	4150

Casing/Cement Program: Additional Comments

--

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 Approved By: Paul Kautz Title: Geologist Approved Date: 2/24/2012 Expiration Date: 2/24/2014
Printed Name: Electronically filed by Monti Sanders	
Title:	
Email Address: montis@yatespetroleum.com	
Date: 2/21/2012 Phone: 575-748-4244	Conditions of Approval Attached

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-102
August 1, 2011
Permit 144645

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40453	2. Pool Code 97899	3. Pool Name WILDCAT G-06 S253206M;BONE SPRING
4. Property Code 39090	5. Property Name CALCUTTA BRZ STATE	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3491







10. Surface Location

UL - Lot D	Section 32	Township 24S	Range 32E	Lot Idn	Feet From 330	N/S Line N	Feet From 660	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot E	Section 32	Township 24S	Range 32E	Lot Idn E	Feet From 2310	N/S Line N	Feet From 660	E/W Line W	County LEA
12. Dedicated Acres 80.00		13. Joint or Infill		14. Consolidation Code N/A		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

<table border="1" style="width: 100%; border-collapse: collapse; height: 150px;"> <tr><td style="width: 25%; height: 40px; text-align: center; vertical-align: middle;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="height: 40px; text-align: center; vertical-align: middle;"></td><td></td><td></td><td></td></tr> <tr><td style="height: 40px;"></td><td></td><td></td><td></td></tr> <tr><td style="height: 40px;"></td><td></td><td></td><td></td></tr> </table>																	<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: Monti Sanders Title: Date: 2/21/2012</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: 12/19/2011 Certificate Number: 7977</p>
																	
																	

Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: CALCUTTA BRZ STATE #001H

API: 30-025-40453

Created By	Comment	Comment Date
clif	H2S is not anticipated.	2/21/2012
clif	Maximum Anticipated BHP: 0'-875' is 419 PSI, 875'-4650' is 2466 PSI, 4650'-8350' is 3995 PSI, 8350'-4736' is 4736 PSI	2/21/2012
clif	Samples: 30' samples to 4500', 10' samples 4500' to TD.	2/21/2012
clif	Pilot hole will be drilled vertically to 9900'. Well will be plugged back at pilot hole TD with 200' cement plug and at KOP with a 500'-600' kick off plug. Well will then be kicked off at approximately 7873' and directionally drilled at 12 degrees per 100' with a 8.75" hole to 8623' MD (8350' TVD). Hole size will then be reduced to 8.5" and drilled to 10125' MD (8350' TVD) where 5.5" casing will be set and cemented. Penetration point of producing zone will be encountered at 807' FNL and 660' FWL, Sec 32 T24S-R32E. Deepest TVD in the well is 9900' in the pilot hole. Deepest TVD in the lat	2/21/2012
pkautz	Land f/S	2/23/2012
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT # P1-04243	2/24/2012

Permit Conditions of Approval

Operator: YATES PETROLEUM CORPORATION , 25575

Well: CALCUTTA BRZ STATE #001H

API: 30-025-40453

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