

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8181 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 184313

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 40494		3. API Number 30-015-42315
5. Property Name Colossal BUO State		6. Well No. 002H

7. Surface Location

UL - Lot	P	Section	32	Township	23S	Range	27E	Lot Idn		Feet From	660	N/S Line	S	Feet From	200	E/W Line	E	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	--	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

8. Proposed Bottom Hole Location

UL - Lot	M	Section	32	Township	23S	Range	27E	Lot Idn	M	Feet From	660	N/S Line	S	Feet From	330	E/W Line	W	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

9. Pool Information

Undesignated 2nd Bone Spring Sand	0
-----------------------------------	---

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3230
16. Multiple N	17. Proposed Depth 11820	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 6/1/2014
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	17.5	13.375	48	400	415	0
Int1	12.25	9.625	36	2250	775	0
Prod	8.75	5.5	17	11820	1730	1750

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	
Double Ram	5000	5000	

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: 4/8/2014	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Randy Dade Title: District Supervisor Approved Date: 4/16/2014 Expiration Date: 4/16/2016 Conditions of Approval Attached
Phone: 575-748-4448	

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 184313

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42315	2. Pool Code	3. Pool Name Undesignated 2nd Bone Spring Sand
4. Property Code 40494	5. Property Name Colossal BUO State	6. Well No. 002H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3230

10. Surface Location

UL - Lot P	Section 32	Township 23S	Range 27E	Lot Idn	Feet From 660	N/S Line S	Feet From 200	E/W Line E	County Eddy
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 32	Township 23S	Range 27E	Lot Idn	Feet From 660	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

	<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: 4/8/2014</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: 12/19/2013 Certificate Number: 7977</p>		

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 APD Comments

Permit 184313

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA, NM 88210	API Number: 30-015-42315
	Well: Colossal BUO State #002H

Created By	Comment	Comment Date
BILLM	Logging: GR NEUTRON 30 DEG DEV TO SURFACE NEUTRON DENSITY 30 DEG DEV TO INTERM CSG LATEROLOG 30 DEG DEV TO INTERM CSG CMR 30 DEG DEV TO INTERM CSG HORIZ-MWD-GR	4/8/2014
BILLM	Mudlogging: ON BELOW SURFACE CSG	4/8/2014
BILLM	PRESSURE CONTROL EQUIPMENT: A 3000 psi system will be nipped up and tested on 13 3/8" and a 5M on 9 5/8" casing.	4/8/2014
BILLM	MAXIMUM ANTICIPATED BHP: DEPTHS ARE TVD: 0'-400' 191 PSI, 400-2250' 1193 PSI, 2250'-7256' 3471 PSI.	4/8/2014
BILLM	H2S is not anticipated.	4/8/2014
BILLM	Well will be drilled vertically to 6778'. Well will then be kicked off at approx. 6778' and directionally drilled at 12 degrees per 100' with a 8 3/4" hole to 7542' MD (7256' TVD). Hole size will then be reduced to 8 1/2" and drilled to 11820' MD (7130' TVD) where 5 1/2" casing will be set and cemented 500' into previous casing string. Penetration point of producing zone will be encountered at 660' FSL and 691' FEL, 32-23S-27E. Deepest TVD is 7256' in lateral.	4/8/2014
BILLM	The form C-102 and drilling information will be mailed in.	4/8/2014
CSHAPARD	Land s/s	4/15/2014

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 APD Conditions

Permit 184313

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210		API Number: 30-015-42315
		Well: Colossal BUO State #002H
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	