

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 176724

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 40174		3. API Number 30-025-41518
5. Property Name FRUIT LOOP BUL STATE		6. Well No. 001H

7. Surface Location

UL - Lot	C	Section	29	Township	21S	Range	33E	Lot Idn		Feet From	200	N/S Line	N	Feet From	1980	E/W Line	W	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	N	Section	29	Township	21S	Range	33E	Lot Idn	N	Feet From	330	N/S Line	S	Feet From	1980	E/W Line	W	County	Lea
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9. Pool Information

WC-025 G-07 S213330F;BONE SPRING	97927
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3719
16. Multiple N	17. Proposed Depth 15546	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 12/1/2013
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	1550	1150	0
Int1	12.25	9.625	36	6100	2047	0
Prod	8.5	5.5	17	15546	2665	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	
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: 11/8/2013 Phone: 575-748-4448	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 11/25/2013 Expiration Date: 11/25/2015 Conditions of Approval Attached
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Form C-102

August 1, 2011

Permit 176724

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-41518	2. Pool Code 97927	3. Pool Name WC-025 G-07 S213330F;BONE SPRING
4. Property Code 40174	5. Property Name FRUIT LOOP BUL STATE	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3719



10. Surface Location

UL - Lot C	Section 29	Township 21S	Range 33E	Lot Idn	Feet From 200	N/S Line N	Feet From 1980	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot N	Section 29	Township 21S	Range 33E	Lot Idn	Feet From 330	N/S Line S	Feet From 1980	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

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: Land Regulatory Technician
Date: 11/8/2013

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: 11/7/2013
Certificate Number: 7977

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Form APD Comments

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Permit 176724

PERMIT COMMENTS

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA, NM 88210	API Number: 30-025-41518
	Well: FRUIT LOOP BUL STATE #001H

Created By	Comment	Comment Date
THAHN	C-102, and drilling plan will follow by mail.	11/8/2013
THAHN	H2S is not anticipated.	11/8/2013
THAHN	Samples: 30' Sample to 6000'. 10' Samples 6000'-TD	11/8/2013
THAHN	MAXIMUM ANTICIPATED BHP: DEPTHS ARE TVD 0'-1550' is 742 PSI 1550'-6100' is 3235 PSI 6100'-12100' is 5662 PSI (PILOT HOLE) 10524'-11022' is 5158 PSI (LATERAL)	11/8/2013
THAHN	Pilot hole will be drilled vertical to 12100'. Well will then be plugged back with a 200' isolation plug on bottom and an open hole whipstock set at approximately 10524'. Well will then be kicked off at and directionally drilled at 12 degrees per 100' with a 8.75" hole to 11272' MD (11001' TVD). Hole size will then be reduced to 8.5" and drilled to 15546' MD (11022' TVD) where 5.5" casing will be set. Production casing will be cemented to surface in three stages with a DV tool at approximately 6200' and 10500'. Penetration point of producing zone will be encountered at 675' FNL and 1976' FWL.	11/8/2013
pkautz	Land s/S	11/12/2013
pkautz	Located in Potash area R-111-p	11/12/2013

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Form APD Conditions

Permit 176724

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: YATES PETROLEUM CORPORATION [25575] 105 S 4TH ST ARTESIA , NM 88210	API Number: 30-025-41518
	Well: FRUIT LOOP BUL STATE #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
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
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water and to comply with R-111-P
pkautz	If conditions warrant may need to use stage tool below base of salt to assure circulation of cement across salt zone and to the surface.