

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 Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

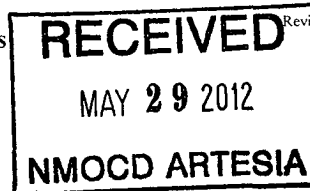
1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

Revised December 16, 2011

Permit



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 S Fourth Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-015-40348
⁴ Property Code 34827	⁵ Property Name Example BEW Com	⁶ Well No 1H

⁷ Surface Location

UL - Lot P	Section 23	Township 17S	Range 23E	Lot Idn	Feet from 660	N/S Line S	Feet From 990	E/W Line E	County Eddy
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⁸ Pool Information

Wildcat Wolfcamp	Gopher; Wolfcamp (BAS)	77660
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Additional Well Information

⁹ Work Type N	¹⁰ Well Type Gas	¹¹ Cable/Rotary R	¹² Lease Type P	¹³ Ground Level Elevation 3938'
¹⁴ Multiple N	¹⁵ Proposed Depth 7,944'	¹⁶ Formation Wolfcamp	¹⁷ Contractor	¹⁸ Spud Date ASAP
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 Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5"	13.375"	48#	350'	400	0
Int1	12.25"	8.625"	24#	1300'	575	0
Prod	7.875"	5.5"	17#	7944'	1250	

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation proposes to drill/test the Wolfcamp and intermediate formations. Approximately 350' of surface casing will be set and cement circulated. Intermediate casing will be set at 1,300' and cement circulated to surface. Production will be set at 7,944'. Pilot hole will be drilled to 4,800'. Well will then be plugged back and kicked off at approximately 4,041' at 12 degrees per 100' to 7,944' MD with a TVD of 4,516'. Penetration point of the producing formation encountered at 660' FSL & 1468' FEL, 23-17S-23E. Deepest TVD of the well will be in the pilot hole @ 4,800'. Deepest TVD in the lateral will be 4,518'.
MUD PROGRAM 0-350' Fresh Water Gel, 350'-1300' Fresh Water, 1300'-3500' Cut Brine, 3500'-4800' Cut Brine (horizontal section), 4,041-7,944' Cut Brine
H2S is not anticipated
C-144 Attached
C-102 Attached
Previously Approved

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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 NMOC D guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: *Lori Flores*

Printed name Lori Flores

Title Land Regulatory Technician

E-mail Address: lorif@yatespetroleum.com

Date: 5/24/2012

Phone 575-748-4448

OIL CONSERVATION DIVISION

Approved By

T.C. Shepard
Geologist

Approved Date

5/31/2012

Expiration Date

5/31/2014

Conditions of Approval Attached

3RD APPROVAL FOR THIS
APD.
EXTENSIONS (1yr) to be

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40348 77660		² Pool Code 77660		³ Pool Name Wildcat Wolfcamp	
⁴ Property Code 34827		⁵ Property Name Example BEW Com		⁶ Well Number 1H	
⁷ OGRID No. 025575		⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3938'	

¹⁰ Surface Location

UL or lot no. P	Section 23	Township 17S	Range 23E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 990'	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 23	Township 17S	Range 23E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 660'	East/West line West	County Eddy
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Cy Cowan</i> Printed Name: Cy Cowan Land Regulatory Agent Title: 4/26/12 Date:	
				¹⁸ 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. See Original Plat Date of Survey Signature and Seal of Professional Surveyor.	
				Certificate Number	