

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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 30-025-40427
³ Property Code 37614	⁵ Property Name Merle BOJ State Com	⁶ Well No 19H
⁹ Proposed Pool 1 Wildcat Wolfcamp		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	10S	34E		1600'	NORTH	1100'	WEST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	11	10S	34E		1450'	SOUTH	2000'	EAST	LEA

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code Oil	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 4189'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,570'	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14.75"	11.75"	42#	100'	275	0
11"	8.625"	32#	4150'	1125	0
7.875	5.5"	17#	12570'	1100	8000

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone Describe the blowout prevention program, if any Use additional sheets if necessary

²³

Yates Petroleum Corporation proposes to drill/test the Wolfcamp and intermediate formations A pilot hole will be drilled to 9150' Well will then be plugged back and kicked off at approximately 8548' at 12 degrees per 100' with a 7 7/8" hole to 12570' MD with a TVD of 9020' at TD Penetration point of producing zone will be encountered at 1211' FNL & 1378' FWL, 1410S34E Deepest TVD in the well is 9150' in the pilot hole Deepest TVD in the lateral is 9026'

MUD PROGRAM 0-400' FW/Gel, 400'-2190' FW, 2190'-4150' Red Bed Mud/Oil, 4150'-7700' Cut Brine, 7700'-9150' SW Gel/Starch, 8548'-12570' SW Gel/Starch 4-6% KCL

BOPE PROGRAM A 3000# BOPE will be installed on the 8 625" casing and tested daily for operational

No H2S is anticipated

C-102 Attached C-144 Attached

Previously Approved (30-025-39341)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature

Monti Sanders

Printed name

Monti Sanders

Title

Land Regulatory Technician

E-mail Address

montis@yatespetroleum.com

Date

1/30/12

Phone

575-748-4244

OIL CONSERVATION DIVISION

Approved by

[Signature]

Title

[Signature]

Approval Date

FEB 01 2012

Expiration Date

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 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

HOBBS OGD

JAN 31 2012

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40427	² Pool Code 96794	³ Pool Name Wildcat Wolfcamp	K2
⁴ Property Code 37614	⁵ Property Name Merle BOJ State Com		⁶ Well Number 19H
⁷ OGRID No. 25575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 4189'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	10S	34E		1600'	North	1100'	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	11	10S	34E		1450'	South	2000'	East	Lea

¹² Dedicated Acres 160	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.

¹⁶ <p>Penetration Point 1211' FNL & 1378' FWL</p> <p>1600'</p> <p>1100'</p> <p>SH</p> <p>NSL at Penetration Point</p> <p>VA-2133</p> <p>BH</p> <p>2000'</p> <p>1450'</p> <p>VA-2134</p> <p>VA-1945</p> <p>Sect. 11</p> <p>Sect. 14</p>	¹⁷ 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 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 Signature Date 1/30/12 Printed Name Monti Sanders E-mail Address montis@yatespetroleum.com
	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 REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor Certificate Number