

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. 4 th Street Artesia, NM 88210		² OGRID Number 025575 ³ API Number 30-015-38387
³ Property Code 20923	⁵ Property Name Barbara 17 SE Com	⁶ Well No. 20
⁹ Proposed Pool 1 Boyd Morrow Gas (72840)		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no. O	Section 17	Township 19S	Range 25E	Lot Idn	Feet from the 660	North/South line South	Feet from the 1980	East/West line East	County Eddy

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South lin	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3519'
¹⁶ Multiple N	¹⁷ Proposed Depth 9650'	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	23#	1200'	835 sx	0
7.875"	5.5"	17#	9650'	950 sx	6000' TOC

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.

Yates Petroleum Corporation proposes to drill/test the Morrow/intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run/cemented; will perforate/stimulate as needed for production.

MUD PROGRAM: 0-4700' FW; 4700'-7400' Cut Brine Water; 7400'-TD Cut Brine/Starch.

BOPE PROGRAM: A 3,000# BOPE will be placed on the 8 5/8" casing and tested daily for operational.

H2S is not anticipated.

Previously Approved

C-102 Attached

C-144 Attached

RECEIVED

DEC 07 2010

NMOCD ARTESIA

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:

12/6/10

Phone:

575-748-4244

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

12/14/2010

Expiration Date:

12/14/2012

Conditions of Approval Attached ☐

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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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-38387	² Pool Code 72800-72840	³ Pool Name Boyd Morrow Gas
⁴ Property Code 20923	⁵ Property Name Barbara 17 SE Com.	
⁷ OGRID No. 025575	⁸ Operator Name YATES PETROLEUM CORPORATION	
	⁶ Well Number 20	⁹ Elevation 3519

¹⁰ Surface Location

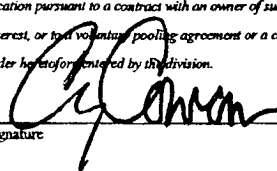
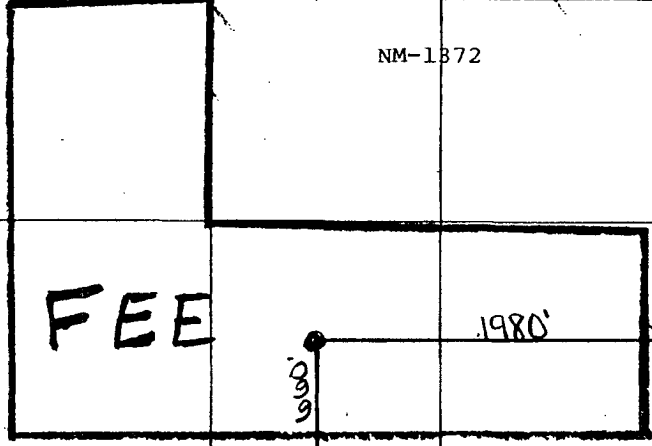
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	17	19-S	25-E		660'	SOUTH	1980	EAST	EDDY

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

¹² Dedicated Acres 320 S/2	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	<div style="text-align: center;"> RECEIVED DEC 07 2010 NMOCD ARTESIA </div>				¹⁷ OPERATOR CERTIFICATION <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 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 has voluntarily pooling agreement or a compulsory pooling order heretofore entered by this division.</i> <div style="text-align: right;">  January 16, 2007 Signature _____ Date _____ Cy Cowan Printed Name _____ Regulatory Agent Title _____ </div>
NM-1372	<div style="text-align: center;">  </div>				

Signature and Seal of **EARL FOOT**
NEW MEXICO
REGISTERED
1978
SURVEYOR