

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 - 015 - 38233
³ Property Code 36104	⁵ Property Name Samuel Smith Unit	
⁹ Proposed Pool 1 Crooked Creek, Morrow		⁶ Well No. 2
⁹ Proposed Pool 1		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no. I	Section 32	Township 23S	Range 24E	Lot Idn	Feet from the 1420'	North/South line South	Feet from the 1190'	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 line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4242'
¹⁶ Multiple N	¹⁷ Proposed Depth 10600'	¹⁸ Formation Morrow	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
17.5"	13.375"	48#	400'	300	0
12.25"	8.625"	24#	2500'	900	0
8.625"	5.5"	17#	10600'	1700	8200'

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

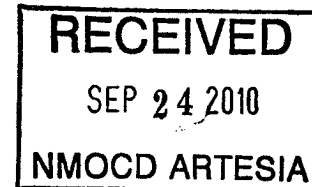
Yates Petroleum Corporation proposes to drill/test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. If commercial, production casing will be run and cemented, well perforated and stimulate as needed for production.

MUD PROGRAM: 0-2500' FW/Gel Paper; 2500'-9400' Cut Brine Water; 9400'-10600' Salt Gel/Starch/ KCL.

BOPE PROGRAM: A 5000# BOPE will be installed on the 8 5/8" casing and tested daily.

No H2S is anticipated.

C-144 Attached. (Previously Approved APD # 30-015-32518)



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:
9/22/10

Phone:
575-748-4244

OIL CONSERVATION DIVISION

Approved by:

AP Dade

Title:

Dist II Supervisor

Approval Date: **OCT 19 2010**

Expiration Date: **10/19/2011**

Conditions of Approval Attached ☐

KV

DISTRICT I

1426 N. French Dr., Hobbs, NM 88340

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-38233	Pool Code 25400	Pool Name Crooked Creek, Morrow
Property Code 33377	Property Name Samuel Smith Unit	Well Number 2
OGRID No. 025575	Operator Name Yates Petroleum Corporation	Elevation 4242'

Surface Location


UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	23S	24E		1420	S	1190	E	Eddy

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

Dedicated Acres 320	Joint or Infill	Consolidation Code	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

						OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Monti Sanders Printed Name Land Regulatory Tech Title 9/22/10 Date
						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 Surveyed Signature & Seal of Professional Surveyor Certificate No.

VO-5824

1190'

1420'

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Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, N M 87505

Form C-102

Revised March 17, 1999

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name	
Property Code		Property Name SAMUEL SMITH "BAS" STATE			Well Number 2
OGRID No.		Operation Name YATES PETROLEUM CORPORATION			Elevation 4242

Surface Location

UL or Lot No.	Section	Township	Range	Lot kdn.	Feet from the	North/South line	Feet from the	East/West line	County
I	32	23-S	24-E		1420	SOUTH	1190	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot kdn.	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

						OPERATOR CERTIFICATION	
						I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
						Signature	
						Printed Name	
						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 KNOWLEDGE AND BELIEF.	
						Date of Survey SEPTEMBER 23, 2002	
						Signature and Seal of Professional Surveyor	

1190'

1420'

5412

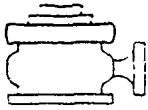
NEW MEXICO

REGISTERED LAND ENGINEER

5412

SEP 23 2002

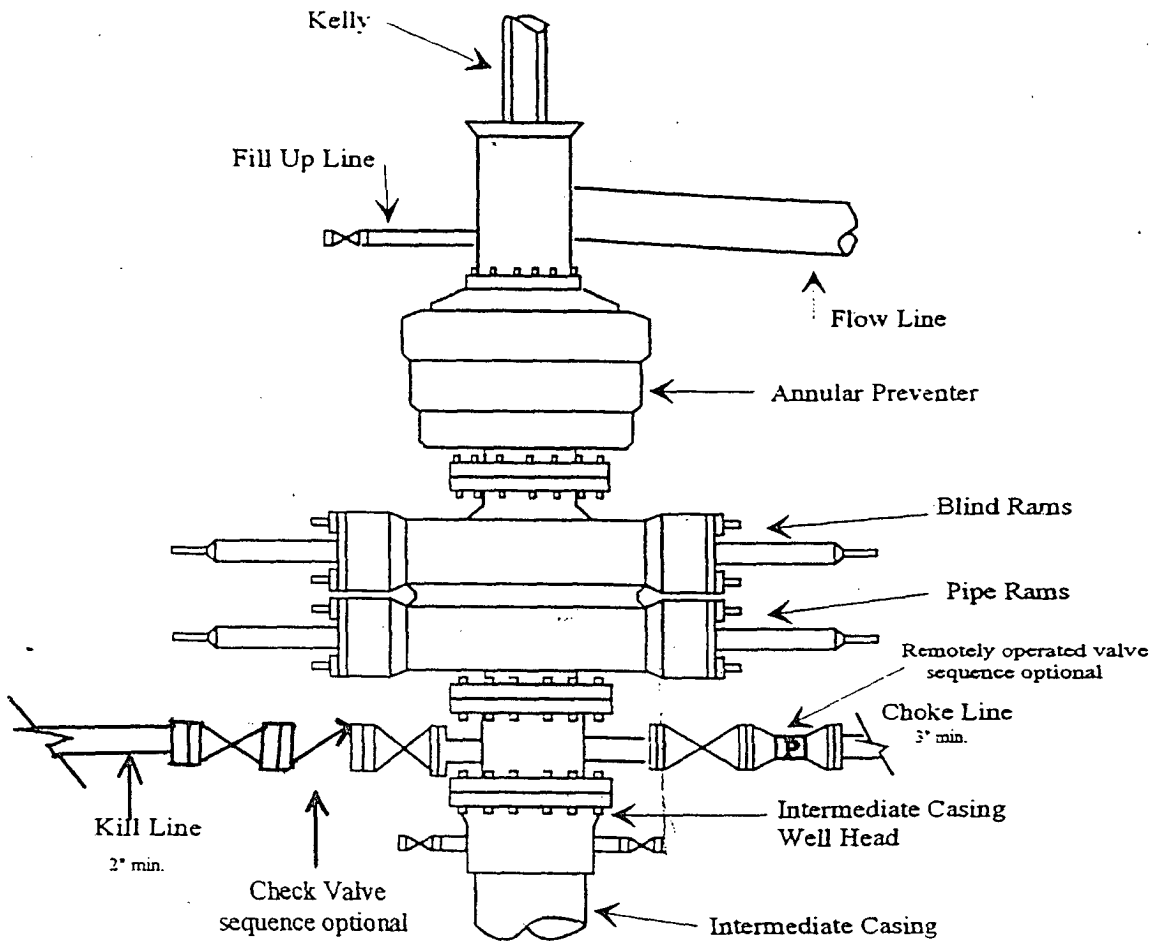
Certificate Number



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

