

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



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

OCD
Form C-101
May 27, 2004

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 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
³ Property Code 32853		⁴ API Number 30-005-63988
⁵ Property Name Carddeck BDD State Com		⁶ Well No. 2
⁹ Proposed Pool 1 Foor Ranch, Pre-Permian (Gas)		¹⁰ Proposed Pool 2

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	10S	26E		660'	South	660'	East	Chaves

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 G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3761'
¹⁶ Multiple N	¹⁷ Proposed Depth 6275'	¹⁸ Formation Undesignated Precambrian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater 50'		Distance from nearest fresh water well 6800'		Distance from nearest surface water 1200'
Pit: Liner: Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14.75	11.75	42#	600'	450 sx	0
11	8.625	24#	1600'	600 sx	0
7.875	5.5	15.5#	6275'	600 sx	3900

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 and test the Precambrian and intermediate formations. Approximately 600' of surface casing will be set and cement circulated to shut off gravel and cavings. INTERMEDIATE CASING WILL ONLY BE SET IF LOST CIRCULATION IS ENCOUNTERED. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUDD PROGRAM: 0-600' FW Gel/Paper/LCM; 600'-1600' Cut Brine; 1600'-4300' Brine; 4300' -6275' Starch/Salt Gel/4-6% KCL.
BOPE PROGRAM: a 2000# BOPE will be installed on the 8 5/8" casing and tested daily for operational.

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S found from the surface through the Precambrian formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

²³ 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 NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: Debbie L. Caffall

Title: Regulatory Agent

E-mail Address

Date: 12/5/07

Phone: (575) 748-4376

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title

Approval Date: DEC 10 2007

Expiration Date: DEC 10 2008

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		² Pool Code 76730		³ Pool Name Foor Ranch, Pre-Permian (Gas)	
⁴ Property Code 32853		⁵ Property Name CARDDECK BDD STATE COM			⁶ Well Number 2
⁷ OGRID No. 025575		⁸ Operator Name YATES PETROLEUM CORPORATION			⁹ Elevation 3761'

¹⁰ Surface Location

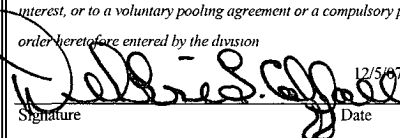
UL or lot no. P	Section 16	Township 10S	Range 26E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line EAST	County CHAVES
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320 - E/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		VA-2061		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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i>  Signature Date 12/5/07 Debbie L. Caffall Printed Name Regulatory Agent Title

DISTRICT I
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 1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT III
 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		Pool Code	Pool Name Wildcat Precambrian
Property Code	Property Name CARDDECK "BDD" STATE COM.		Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3761

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	10S	26E		660	SOUTH	660	EAST	CHAVES

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

		VA-2061	
			VA-2072
		N.33°26'25.1" W.104°17'46.7" N.887670.2 E.511456.9 (NAD-27)	860' 860'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Robert Asher

Signature

Robert Asher

Printed Name

Regulatory Agent

Title

12/15/2004

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.

12/08/2004

Date Surveyed

Signature & Seal of Professional Surveyor

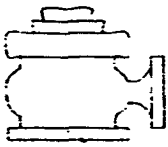
Herschel L. Jones

Certificate No. Herschel L. Jones RLS 3640

CARDDECK STATE

GENERAL SURVEYING COMPANY

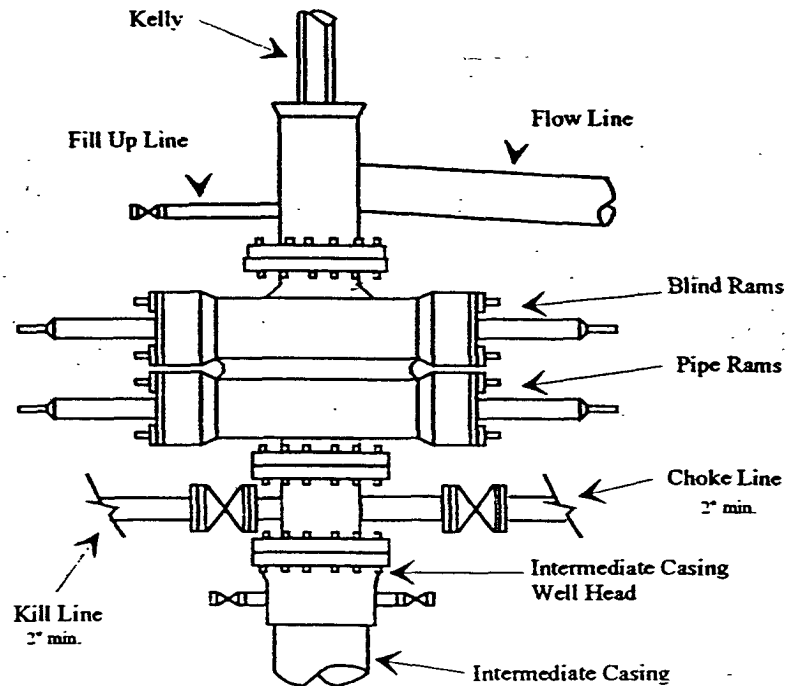
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'



Yates Petroleum Corporation

BOP-2

Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

