

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

OCD - ARTESIA

Form C-101
March 4, 2004

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

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

SEP 14 2004

☐ AMENDED REPORT

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

Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		OGRID Number 025575 API Number 30 - 005 - 63424
Property Code 12158	Property Name Cottonwood Ranch MK State	Well No. 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
L	36	6S	25E		1980	South	660	West	Chaves

Proposed Bottom Hole Location If Different From

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South
Proposed Pool 1 Wildcat Basement						

NOTIFY OCD OF SPUD & TIME TO
WITNESS CEMENTING OF
SURFACE & INTERMEDIATE
CASING

Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	36	6S	25E		1980	South	660	West	Chaves
Depth to ground water N/A				Distance from nearest fresh water well N/A			Distance from nearest surface water N/A		
Work Type Code N		Well Type Code G		Cable/Rotary R		Lease Type Code S		Ground Level Elevation 3711'	
Multiple N		Proposed Depth 5250'		Formation Basement		Contractor Not Determined		Spud Date ASAP	

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	900'	550	Surface
11"	8 5/8"	24#	1500'	250	**
7 7/8"	5 1/2"	15.5#	5250'	500	**

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.

***8 5/8 will only be set if lost circ. Is encountered. ** Cement to cover all oil, gas and waterbearing zones.**

Yates Petroleum Corporation proposes to drill and test the Basement and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-900' FWGel, Paper, LCM; 900'-3580' Cut Brine/Brine; 3580'-5250' Starch/Salt Gel

BOPE PROGRAM: A 2000# BOPE will be installed on the 11 3/4" casing and tested daily.

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

The State Engineers Web Site has been accessed for the captioned well. There were no records found of ground water depth, water well, or any indication of any surface water in the area surrounding this well location.

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: Robert Asher

Title: Regulatory Agent / Land Department

E-mail Address: debbiec@ypcnm.com

Date: 08/27/2004

Phone: (505) 748-4376

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

DISTRICT II SUPERVISOR

Approved: SEP 15 2004

Expiration: SEP 15 2005

Co

Cement to cover all oil, gas and
water bearing zones.

i.e., Glicerina

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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		² Pool Code		³ Pool Name Wildcat Basement	
⁴ Property Code		⁵ Property Name Cottonwood Ranch MK State			⁶ Well Number 7
⁷ OGRID No. 025575		⁸ Operator Name Yates Petroleum Corporation			⁹ Elevation 3711

¹⁰ Surface Location

UL or lot no. 1	Section 36	Township 6S	Range 25E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line West	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	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 Robert Asher Printed Name Regulatory Agent Title 09/01/2004 Date

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

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 Basement
Property Code	Property Name COTTONWOOD RANCH "MK" STATE		Well Number 7
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3711


Surface Location

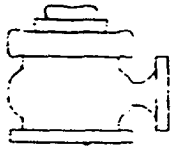
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	6S	25E		1980	SOUTH	660	WEST	CHAVES

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.						

**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**

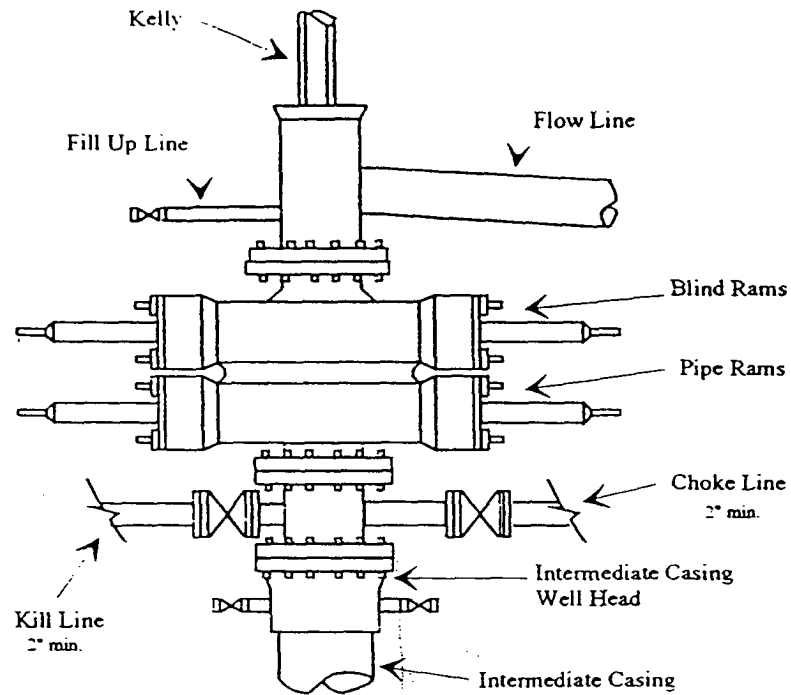
				OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. <u>Pat Perez</u> Signature Pat Perez Printed Name Regulatory Agent Title 09/28/01 Date
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this 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. 9/26/2001 Date Surveyed Signature and Seal of Professional Surveyor  Certificate No. Herschel L. Jones RLS 3640 COTTONWOOD GENERAL SURVEYING COMPANY
N.33°44'59.0" W.104°21'38.4"	L-4283			
860'				
660'	Cottonwood Ranch "MK" St. #3	1980'	Cottonwood Ranch "MK" St. #4	
660'		660'		



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

