

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

Energy Minerals and Natural Resources

March 4, 2004

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

RECEIVED

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

JUN 02 2005

OCD-ARTESEM

☐ 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, NM 88210		² OGRID Number 025575	
		API Number 30 - 005 - 63489	
³ Property Code	⁴ Property Name Davis Corn.		⁵ Well No. 6

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
N	1	7S	25E		660'	South	1980'	West	Chaves

8 Proposed Bottom Hole Location If Different From

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line
⁹ Proposed Pool 1 Wildcat Basement						

NOTIFY OCD OF SPUD & TIME
TO WITNESS CEMENTING OF
SURFACE 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
N	1	7S	25E		660'	South	1980	West	Chaves
Depth to ground water 45'				Distance from nearest fresh water well Approx. 200'			Distance from nearest surface water Approx. 100'		
¹¹ Work Type Code N		¹² Well Type Code G		¹³ Cable/Rotary R		¹⁴ Lease Type Code P		¹⁵ Ground Level Elevation 3712'	
¹⁶ Multiple N		¹⁷ Proposed Depth 5190'		¹⁸ Formation Basement		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
14 3/4"	11 3/4"	42#	900'	550	Surface
11"	8 5/8"	24#	1600'	250	**
7 7/8"	5 1/2"	15.5#	5190'	500	**

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.

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

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.

Sources at YPC have relayed information to me that they believe there will not be enough H2S found 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. Information obtained from this web site determines the Site Ranking for this well is 30 points. With this ranking score excavation and removal of drilling materials will take place at pit closure.

MUD PROGRAM: 0-900' FWGel/Paper/LCM; 900'-3525' Cut Brine/Brine; 3525'-5190' Starch/Salt Gel.

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

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: *Debbie L. Caffall*

Printed name: Debbie L. Caffall

Title: Regulatory Technician/Land Department

E-mail Address: debbiec@ypcnm.com

Date: 06/01/2005

Phone: (505) 748-4364

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

JUN 03 2005

Expiration Date:

JUN 03 2006

Conditions of Approval:

Attached ☐

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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 Davis Com.	
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁶ Well Number 6 ⁹ Elevation 3712'

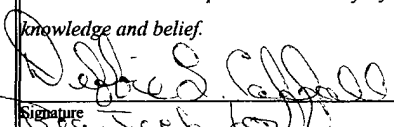
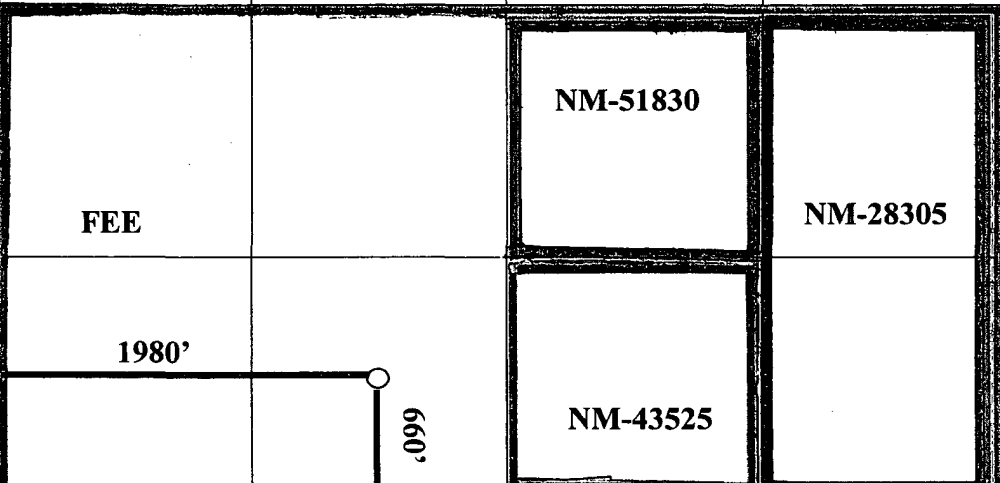
¹⁰ Surface Location

UL or lot no. N	Section 1	Township 7S	Range 25E	Lot Idn	Feet from the 660	North/South line South	Feet from the 1980	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
¹² Dedicated Acres 320 S/2		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				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 06/01/2005 Date	
FEE 1980'				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	

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT II
1st First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Wildcat Basement
Property Code	Property Name DAVIS COM.	Well Number 6
OGRID No.	Operator Name YATES PETROLEUM CORPORATION	Elevation 3712

Surface Location

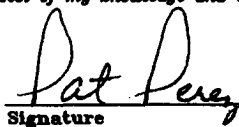

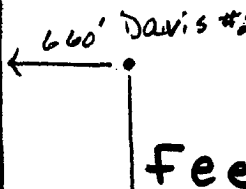
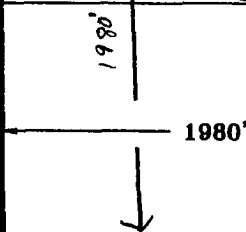
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	1	7S	25E		660	SOUTH	1980	WEST	CHAVES

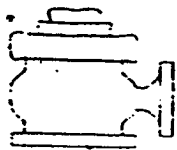
Bottom Hole Location If Different From Surface

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.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

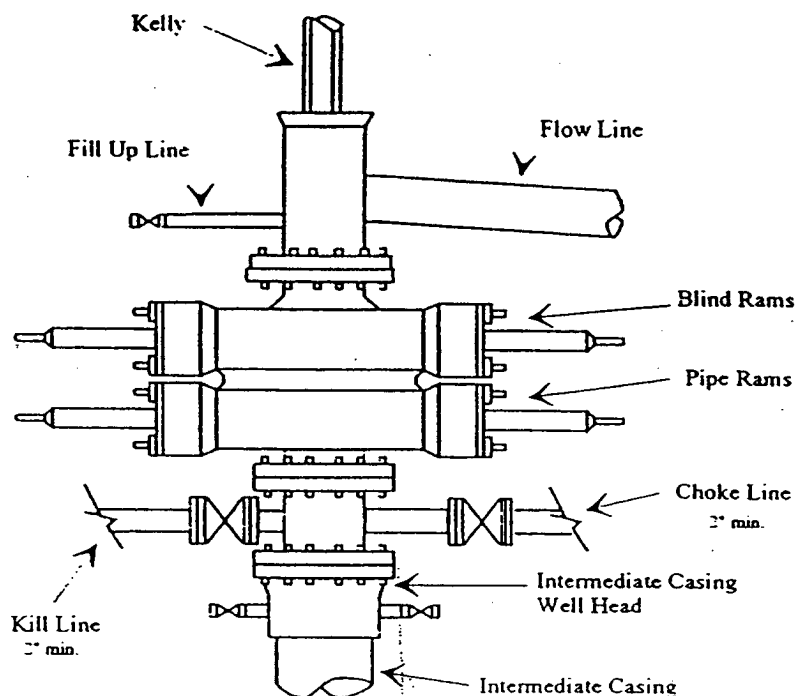
				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Pat Perez Printed Name Regulatory Agent Title 6/26/2002 Date	
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was 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. 6/17/2002 Date Surveyed  Signature Herschel L. Jones Professional Surveyor Certificate No. Herschel Jones RLS 3640 GENERAL SURVEYING COMPANY	
660' Davis #2  Fee	Ruth "KK" Fed. NM-51830	Com. #1 1980' NM-28305			
1980' 1980' 	N.33°43'53.3" W.104°21'23.1"	2180' NM-43525			



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

