

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

☐ 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 API Number 30-025-23286
⁴ Property Code 25515	⁵ Property Name Caprock AVD State	⁶ Well No. 1

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	11S	32E		660'	North	510'	East	Lea

⁸Proposed 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

⁹ Proposed Pool 1 Wildcat Mississippian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary Pulling Unit then Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4319'
¹⁶ Multiple No	¹⁷ Proposed Depth 12500'	¹⁸ Formation Mississippian	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
15"	12 3/4"	32#	385'	350 sx	In Place
11"	8 5/8"	24, 28, 32#	3650'	300 sx	In Place
7 7/8"	4 1/2"	11.6#	12500'	800 sx	6500'-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.

SEE ATTACHED PAGE 2: DRILLING PROGNOSIS

Final Approval 1 Year From Approval
Date Upon Drilling Completion
Re-entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Ken Beardemph</i>		Approved by: <i>[Signature]</i>	
Printed name: Ken Beardemph		Title: <i>Geologist</i>	
Title: Landman		Approval Date: MAY 16 2000	
Date: March 22, 2000		Expiration Date:	
Phone: (505) 748-1471		Conditions of Approval:	
		Attached <input type="checkbox"/>	

mp

YATES PETROLEUM CORPORATION
Caprock AVD State #1
Drilling Prognosis
Page 2

Well was drilled by Read & Stevens as the State F #1 well. Yates Petroleum Corporation's plan is to re-enter the well with a pulling unit and reverse unit to drill out the cement plugs in the 12 3/4" casing and in the top of the 8 5/8" casing at 1,502', then tie back the 8 5/8" casing to surface. After the casing has been repaired and the cement plug in the bottom of the 8 5/8" casing at 3,650' has been drilled out, a drilling rig will be moved on the well and the drilling rig will drill out the cement plugs in the 7 7/8" open hole and will deepen the well from 10,462' to 12,500'. Mud to be used is 9.5 to 9.8 ppg brine water, 55-70 viscosity. After reaching TD a new suite of open hole logs will be run then a string of 4 1/2" casing will be run to bottom and cemented to 6,500' +/- . The well will be completed with a pulling unit. Possible formations to be completed will be the Atoka/Morrow from 11,500' +/- to 12,200' +/-.

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

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-23286		Pool Code	Pool Name Wildcat Mississippian
Property Code 25515	Property Name Caprock AVD State		Well Number 1
OGRID No. 025575	Operator Name Yates Petroleum Corporation		Elevation 4319'

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
A	13	11S	32E		660'	North	510'	East	Lea

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

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

<div>16</div> <div>VO-4659</div> <div>660'</div> <div>510'</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div>Signature: <i>Ken Beardemphl</i></div> <div>Printed Name: Ken Beardemphl</div> <div>Title: Landman</div> <div>Date: March 22, 2000</div>	
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>	
	PLEASE REFER TO ORIGINAL PLAT	
	Certificate Number	