

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

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
Property Code 26231	Property Name El Rancho AVZ State Com.	API Number 30-015-3242
		Well No. 1

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	27	18S	24E		660'	North	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
									Eddy

Proposed Pool 1 Wildcat Mississippian	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3734'
Multiple N	Proposed Depth 8800'	Formation Mississippian	Contractor Not Determined	Spud Date ASAP

Minimum WOC time ☒ hrs. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	1200'	500 sx	Surface
8 3/4"	7"	23# + 26#	8800	450 sx	TOC 5000'
Cement	To cover all oil, gas, water bearing zones				

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. Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 1200' 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: 0-400' FW/Spud Mud; 400'-1300' FW Gel; 1300'-7700' Cut Brine; 7700'-8800' Salt Gel/Starch.

BPOE PROGRAM: A 3000# BOPE will be installed on the 9 5/8" casing and tested daily for operational.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cy Cowan</i>		OIL CONSERVATION DIVISION	
Printed name: Cy Cowan		Approved by: <i>Tim W. Guma</i>	
Title: Regulatory Agent		Title: ORIGINAL SIGNED BY TIM W. GUMA DISTRICT II SUPERVISOR	
Date: July 10, 2000	Phone: (505) 748-1471	Approval Date: JUL 11 2000	Expiration Date: JUL 11 2001
		Conditions of Approval: Attached <input type="checkbox"/>	Notify OCD at SPUD & TIME to witness cementing the casing. 9578

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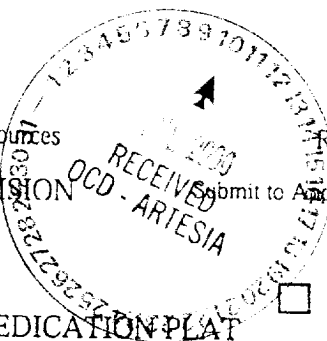
State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies



☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name Wildcat Mississippian			
Property Code		Property Name EL RANCHO "AVZ" ST. COM				Well Number 1	
OGRID No. 025575		Operator Name YATES PETROLEUM CORPORATION				Elevation 3734.	

### 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	27	18-S	24-E		660	NORTH	660	EAST	EDDY

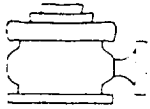
### 11 Bottom Hole Location If Different From Surface

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

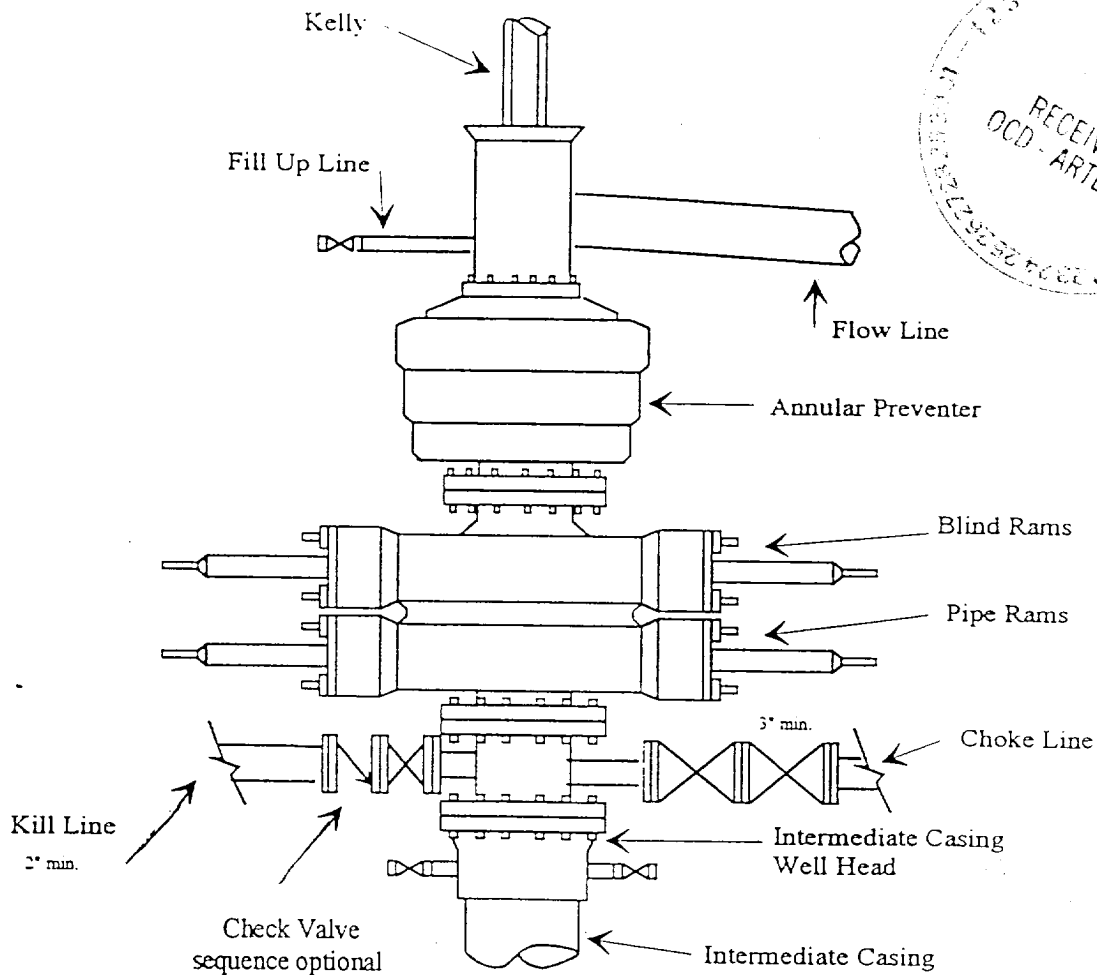
16																	
<div style="text-align: center;">V- 4970</div> <div style="text-align: center;">NM-0558263</div>									<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: <i>Cy Cowan</i> Printed Name: Cy Cowan Title: Regulatory Agent Date: July 10, 2000								
									<b>18 SURVEYOR CERTIFICATION</b> 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.  Date of Survey: JUL 15, 2000 Signature and Seal of Professional Surveyor: <i>[Signature]</i> 5412 REGISTERED LAND SURVEYOR PROFESSIONAL ENGINEER NEW MEXICO NM PEAPS NO. 5412								



# Yates Petroleum Corporation

BOP-3

## Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

