

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised March 17, 1999  
Instructions on back  
Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

DISTRICT II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-025-35964
<sup>4</sup> Property Code 30397	<sup>5</sup> Dome West Echols State Unit	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	17	11S	38E		1980	South	1980	East	Lea

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Wildcat Mississippian					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code OG	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3904'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,000'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
11"	8 5/8"	32#	4500'	1400 sx	Surface
7 7/8"	5 1/2"	17# & 20#	12,000'	750 sx	TOC-7300

<sup>22</sup> 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 Mississippian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4200' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-400' FWGcl; 400-4500' Cut Brine to Brine; 4500-7750' Cut Brine; 7750'-11000' Brine/Salt Gel/Diesel; 11000'-TD Salt Gel/Starch/Drispac.

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

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		<b>OIL CONSERVATION DIVISION</b> ORIGINAL SIGNED BY Approved by: PAUL F. KAUTZ Title: PETROLEUM ENGINEER	
Printed name: Clifton R. May		Approval Date: AUG 08 2002	
Title: Regulatory Agent		Expiration Date:	
Date: 08/06/02	Phone: (505) 748-1471	Conditions of Approval Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

*Handwritten initials and date:*  
AUG 08 2002

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# OIL CONSERVATION DIVISION

**P.O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

**☐ AMENDED REPORT**

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35964	Pool Code ✓	Pool Name Wildcat Mississippian
Property Code 30397	Property Name WEST ECHOLS STATE UNIT	Well Number 1
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3904

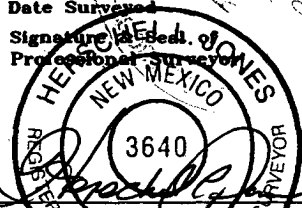
### Surface Location

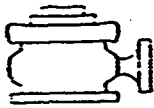
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	11S	38E		1980	SOUTH	1980	EAST	LEA

### 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	Joint or Infill	Consolidation Code	Order No.						
320 E/2									

**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**

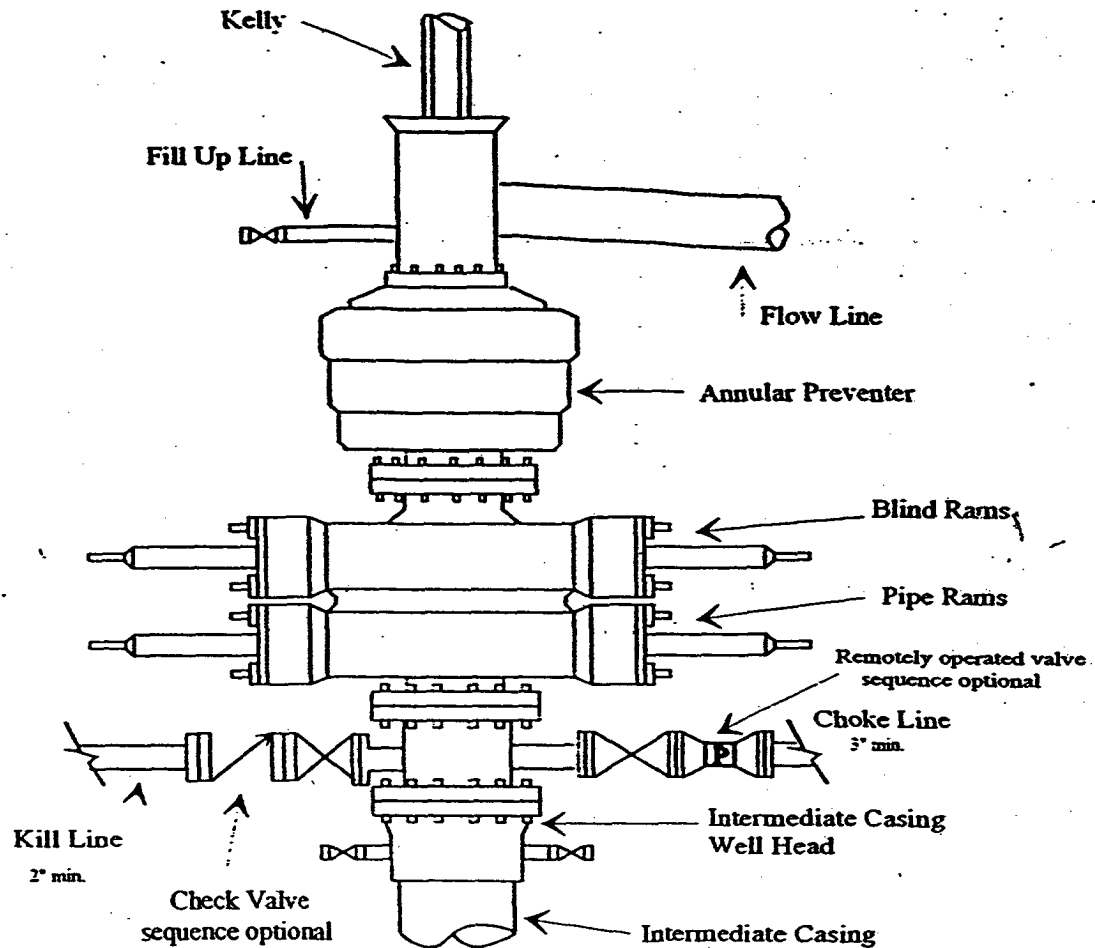
				<b>OPERATOR CERTIFICATION</b>  <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  <u>Clifton R. May</u> Signature <u>Clifton R. May</u> Printed Name <u>Regulatory Agent</u> Title <u>August 6, 2002</u> Date
		VO-6649		<b>SURVEYOR CERTIFICATION</b>  <i>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.</i>  Date Surveyed <u>7/29/2002</u> Signature <u>[Signature]</u> of Professional Surveyor  Certificate No. <u>Herschel L. Jones RLS 3640</u> WEST SCHOOLS GENERAL SURVEYING COMPANY
		N.33°21'50.2" W.103°07'02.4"		
			1980'	
		1980'		



# Yates Petroleum Corporation

BOP-4

## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

