

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

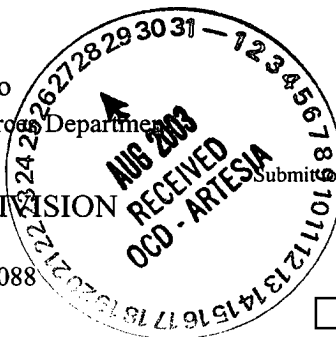
DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico  
Energy, Minerals and Natural Resources Department

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



Form C-101  
Revised March 17, 1999  
Instructions on back  
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**

<sup>1</sup> Operator Name and Address Yates Drilling Company 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-30-015-32813
<sup>4</sup> Property Code	<sup>5</sup> Property Name Spurck 16 State Com.	<sup>6</sup> Well No. 2

**<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
K	16	17S	28E		1980'	North	1980'	West	Eddy

**<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 Chester					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Work Over Rig	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3559'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 10,250'	<sup>18</sup> Formation Chester	<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#	436'	440 sx	In Place
11"	8 5/8"	32#	2025'	700 sx	In Place
7 7/8"	5 1/2"	15.5# & 17#	10081'	1635 sx	In Place
7 7/8"	Open Hole	-----	10,250'	-----	Open Hole
			10,300		

<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 production. Describe the blowout prevention program, if any. Use additional sheets if necessary. *Per Cy 8/29/03*

SEE ATTACHED PAGE 2.

<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>Cy Cowan</i>		OIL CONSERVATION DIVISION Approved by: <i>Jim W. [Signature]</i> Title: <b>SUPERVISOR, DISTRICT II</b>	
Printed name: Cy Cowan		Approval Date: <b>AUG 28 2003</b> Expiration Date: <b>AUG 28 2004</b>	
Title: Regulatory Agent		Conditions of Approval	
Date: 08/28/03	Phone: (505) 748-1471	Attached <input type="checkbox"/>	

**YATES DRILLING COMPANY**

Spurck 16 State Com. #16

Drilling Prognosis

Page 2

This well was originally drilled by Yates Drilling Company. It was spudded on June 16, 2003 drilling operations were ceased on July 15, 2003 due to abnormal pressures downhole.

This well was recently drilled to a TD of 10,081'. 5 1/2" production casing was run and cemented. The well originally was planned to be drilled to a proposed TD of 10,250' to evaluate the Chester Formation.

Yates Drilling Company proposes to re-enter this well with a work over unit and drill out the float and the shoe on the 5 1/2" casing. Drilling will then continue to the original TD of 10,250' or 50' into the Chester Formation. We are planning to complete this well as an open hole producer however if this is not possible a 2 7/8" liner will be run and cemented into place and perforated as needed for production.

MUD PROGRAM: 0-10,250' Salt Gel/Starch (Weight: 9.8-10, Vis: 36-40) Water Loss <10-<12.

BOPE PROGRAM: 5000 # BOPE will be nipped up on 8 5/8" casing.

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2040 South Pacheco, Santa Fe, NM 87506

**State of New Mexico**  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999  
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Fee Lease - 3 Copies

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<b>API Number</b>	<b>Pool Code</b>	<b>Pool Name</b> Wildcat Chester
<b>Property Code</b>	<b>Property Name</b> Spurck 16 State Com.	<b>Well Number</b> 16
<b>OECD No.</b> 025513	<b>Operator Name</b> YATES DRILLING COMPANY	<b>Elevation</b> 3559'

**Surface Location**

<b>UL or lot No.</b> K	<b>Section</b> 16	<b>Township</b> 17S	<b>Range</b> 28E	<b>Lot Idn</b>	<b>Feet from the</b> 1980'	<b>North/South line</b> South	<b>Feet from the</b> 1980'	<b>East/West line</b> West	<b>County</b> Eddy
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**Bottom Hole Location If Different From Surface**

<b>UL or lot No.</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Lot Idn</b>	<b>Feet from the</b>	<b>North/South line</b>	<b>Feet from the</b>	<b>East/West line</b>	<b>County</b>
<b>Dedicated Acres</b> 320	<b>Joint or Infill</b>	<b>Consolidation Code</b>	<b>Order No.</b>						

**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-8617-1. 1980		B-8617		E-9359		1981	

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

*Cy Cowan*  
Signature

Cy Cowan

**Printed Name**

Regulatory Agent

**Title**

August 28, 2003

**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.*

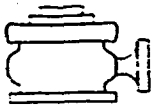
**REFER TO ORIGINAL PLAT.**

**Date Surveyed**

**Signature & Seal of Professional Surveyor**

Certificate No. Herschel L. Jones RLS 3640

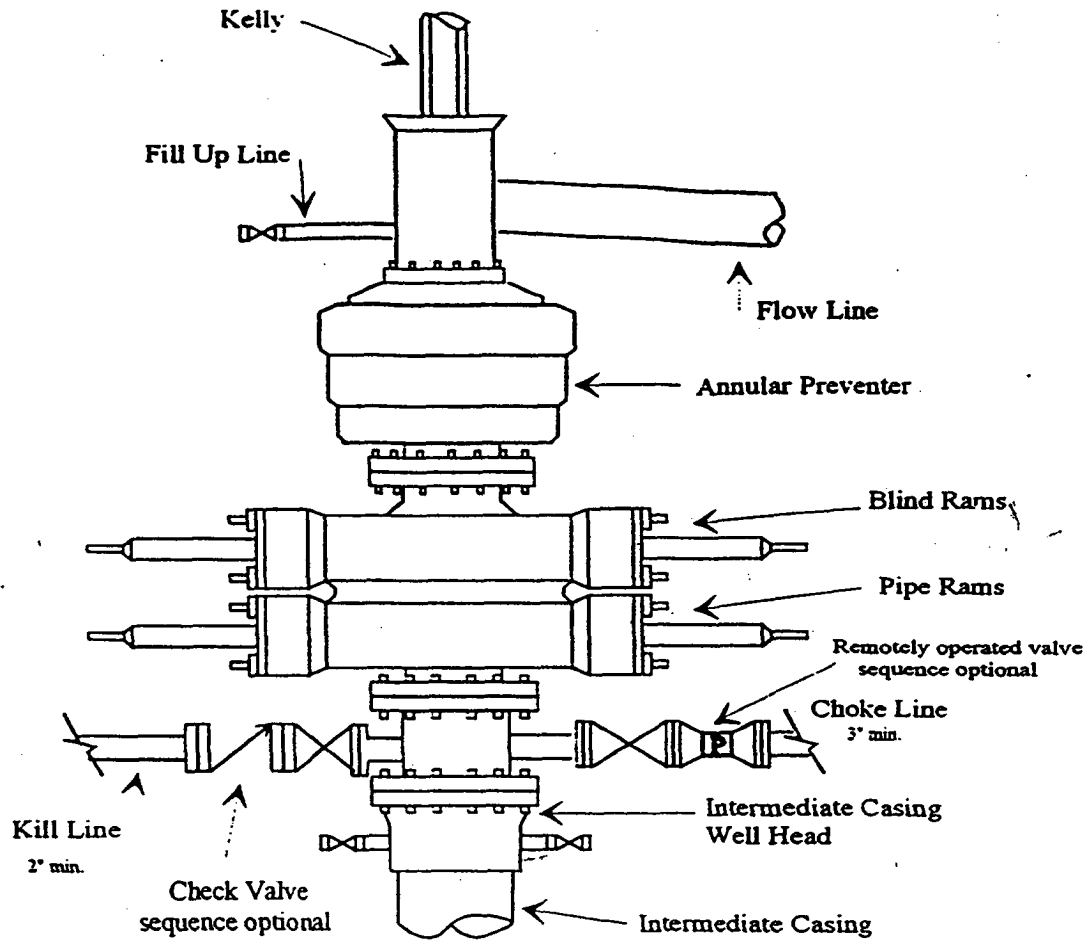
GENERAL SURVEYING COMPANY



# YATES DRILLING COMPANY

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

