

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

ench Dr., Hobbs, NM 88240  
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

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

Submit to appropriate District Office

☐ 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 S. 4 <sup>th</sup> Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
<sup>3</sup> Property Code 12597		<sup>4</sup> API Number 30-005-63688
<sup>5</sup> Property Name Night Owl AFG State Com		<sup>6</sup> Well No. 2
<sup>9</sup> Proposed Pool 1 Four Ranch Wolfcamp Gas		<sup>9</sup> Proposed Pool 2 Pecos Slope Abo

**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
L	9	9S	26E		1980	South	660	West	Chaves

**8 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

**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary N/A	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3759'GR
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth N/A	<sup>18</sup> Formation PreCambrian	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date ASAP
Depth to Groundwater >100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<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 plans to workover and possibly plugback and recompleat this well as follows: If the lower Silurian intervals are wet, perforate additional Silurian 5878'-5902' (96), 5928'-5938' (40), 5944'-5954' (40) and 5958'-5972' (56). Stimulate as needed. If the Upper Silurian intervals are not wet and are not productive, set a 5-1/2" CIBP at 5870' and cap with 35' cement. If the Upper Silurian intervals are wet, set a 5-1/2" cement retainer at 5870' and squeeze this zone with 150+/- sx cement. Perforate Strawn 5782'-5804' (88). Stimulate as needed. If the Strawn is not productive, set a 5-1/2" CIBP at 5750' with 35' cement. Perforate Wolfcamp 4994'-5002' (32). Stimulate as needed. If the Wolfcamp is not productive, set a 5-1/2" CIBP at 4950' with 35' cement. Perforate Abo 4296'-4305' (10), 4314'-4324' (11), 4420'-4426' (7), 4446'-4449' (4), 4456'-4470' (15), 4524'-4530' (7), 4552'-4560' (9) and 4612'-4630' (19). Stimulate as needed.

<sup>23</sup> 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: *Tina Huerta*

Printed name: Tina Huerta

Title: Regulatory Compliance Supervisor

E-mail Address: tinah@ypcnm.com

Date: Phone: 505-748-4168

**OIL CONSERVATION DIVISION**

Approved by:

**TIM W. GUM**  
**DISTRICT II SUPERVISOR**

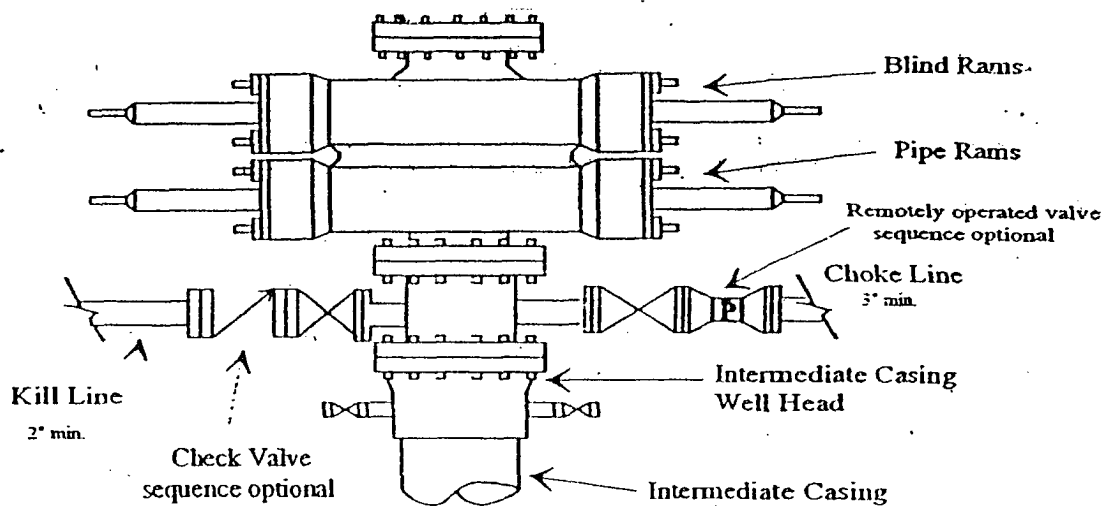
Title:

Approval Date: **MAY 25 2005** Expiration Date: **MAY 25 2006**

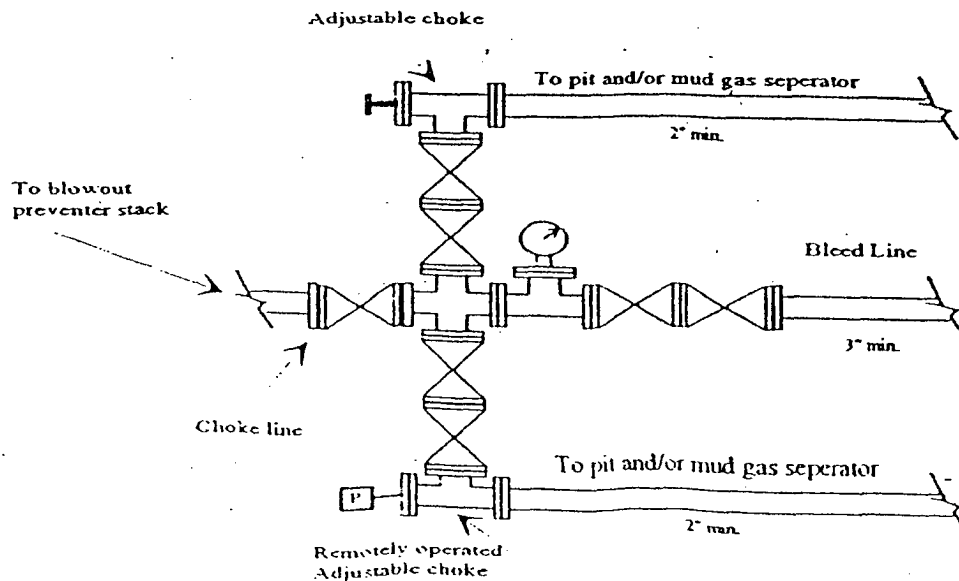
Conditions of Approval Attached ☐

# Yates Petroleum Corporation

## Typical 3,000 psi Pressure System Schematic



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



MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

May 23, 2005

Mr. Bryan Arrant  
Oil Conservation Division, District II Office  
1301 W. Grand Ave.  
Artesia, NM 88210

RECEIVED

MAY 24 2005

OCD-ARTESIA

Re: Nigh Owl AFG State Com #2  
Section 9-T9S-R26E  
Chaves County, New Mexico  
H2S Contingency Plan

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S anticipated from the surface to the Wolfcamp formation to even meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Thank you,

YATES PETROLEUM CORPORATION

Tina Huerta  
Regulatory Compliance Supervisor

Form C-102

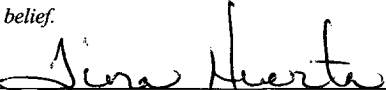
Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

16				<p>17 <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p> Signature</p> <p>Tina Huerta Printed Name</p> <p>Regulatory Compliance Supervisor</p> <p>Title and E-mail Address</p> <p>May 23, 2005 Date</p>
660' W				
1980' S				<p>18 <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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

N. French Dr., Hobbs, NM 88240  
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Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-005-63688</b>	<sup>2</sup> Pool Code <b>82730</b>	<sup>3</sup> Pool Name <b>Pecos Slope Abo</b>
<sup>4</sup> Property Code <b>12597</b>	<sup>5</sup> Property Name <b>Night Owl AFG State Com</b>	<sup>6</sup> Well Number <b>2</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>3759'GR</b>

<sup>10</sup> Surface Location

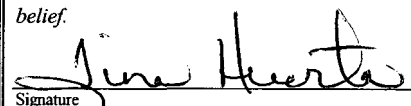
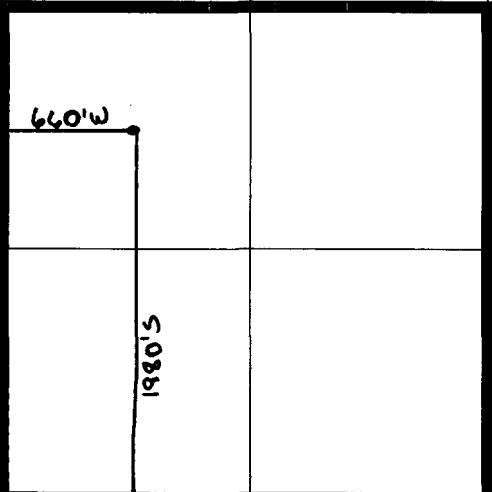
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<b>L</b>	<b>9</b>	<b>9S</b>	<b>26E</b>		<b>1980</b>	<b>South</b>	<b>660</b>	<b>West</b>	<b>Chaves</b>

<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>				<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Tina Huerta Printed Name Regulatory Compliance Supervisor Title and E-mail Address May 23, 2005 Date
				<sup>18</sup> <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 of Survey Signature and Seal of Professional Surveyor: Certificate Number