

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

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> API Number 30-005-63550
<sup>3</sup> Property Code 32061	<sup>5</sup> Property Name Gasby BCD State Com	<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 <i>Undes</i> Comanche Spring Pre-Permian		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. D	Section 20	Township 10S	Range 27E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line West	County Chaves
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**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
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**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 3788'GR
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth N/A	<sup>18</sup> Formation Siluro-Devonian	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date ASAP
Depth to Groundwater >100'		Distance from nearest fresh water well >200'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_ mills 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
		IN PLACE			

<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 plugback and recompleat this well as follows: MIRU any safety equipment as needed. Release the packer at 5413' and tubing. Drill out the 35' cement and CIBP at 6300' with foam then push the plug down to the old PBTD of 6575' then circulate the hole clean. Perforate Silurian 6438'-6444' (14), 6446'-6454' (18), 6457'-6470' (28), 6472'-6478' (14), 6480'-6484' (10), 6486'-6492' (14), 6494'-6504' (22) and 6526'-6536' (40) for a total of 160 holes. Flow test lower set of Silurian perfs. Stimulate as needed. Depending on results of the swab test will either do a larger, high rate acid job w/balls, move the packer above the other Silurian zones and test all of the Silurian perfs or turn the well over to production if the zone produces gas. If lower Silurian interval is wet, set a 5-1/2" cement retainer at 6510' and squeeze lower Silurian w/100 +/- sx of cement. Stimulate other Silurian perfs 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: tina@ypcnm.com

Date: March 9, 2005

Phone: 505-748-4168

OIL CONSERVATION DIVISION

Approved by:

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

Title:

Approval Date: **MAR 11 2005**

Expiration Date: **MAR 11 2006**

Conditions of Approval Attached ☐

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-005-63550</b>	<sup>2</sup> Pool Code <b>75015</b>	<sup>3</sup> Pool Name <b>Comanche Spring Pre-Permian</b>
<sup>4</sup> Property Code <b>32061</b>	<sup>5</sup> Property Name <b>Gasby BCD State Com</b>	
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>6</sup> Well Number <b>1</b>
		<sup>9</sup> Elevation <b>3788'GR</b>

<sup>10</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
<b>D</b>	<b>20</b>	<b>10S</b>	<b>27E</b>		<b>660</b>	<b>North</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

<sup>12</sup> Dedicated Acres <b>320</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 March 9, 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

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  
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EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

March 9, 2005

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

Re: Gasby BCD State Com #1  
Section 20-T10S-R27E  
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 Silurian formation to even meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Thank you,

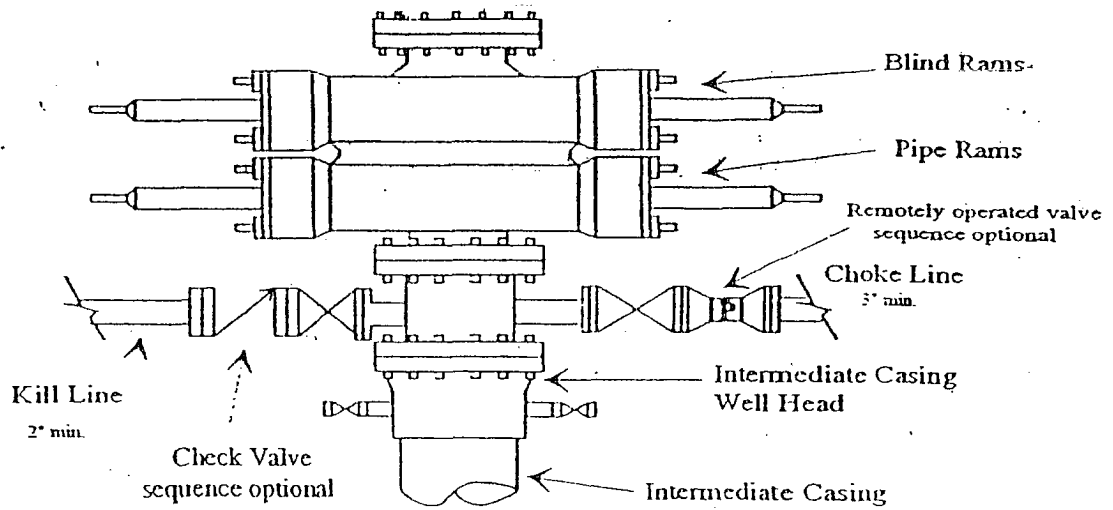
YATES PETROLEUM CORPORATION

A handwritten signature in cursive script that reads 'Tina Huerta'.

Tina Huerta  
Regulatory Compliance Supervisor

# Yates Petroleum Corporation

## Typical 3,000 psi Pressure System Schematic



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

