

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. 30-015-33938  5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <b>DHC-3566</b>			7. Lease Name or Unit Agreement Name  Louise AYI  <div style="text-align: right;"><b>RECEIVED</b> <b>DEC 21 2005</b></div>		
2. Name of Operator <b>Yates Petroleum Corporation</b>			8. Well No. <b>2</b>		
3. Address of Operator <b>105 South Fourth Street, Artesia, NM 88210 (505) 748-1471</b>			9. Pool name or Wildcat <b>Undesignated Happy Valley Strawn, Northeast</b>		
4. Well Location  Unit Letter <b>B</b> : <b>990</b> Feet From The <b>North</b> Line and <b>1550</b> Feet From The <b>East</b> Line  Section <b>25</b> Township <b>21S</b> Range <b>26E</b> NMPM <b>Eddy</b> County					
10. Date Spudded <b>RH 6/6/05</b> <b>RT 6/11/05</b>	11. Date T.D. Reached <b>7/27/05</b>	12. Date Compl. (Ready to Prod.) <b>11/1/05</b>	13. Elevations (DF& RKB, RT, GR, etc.) <b>3167'GR</b> <b>3185'KB</b>	14. Elev. Casinghead	
15. Total Depth <b>11,650'</b>	16. Plug Back T.D. <b>11,300'</b>	17. If Multiple Compl. How Many Zones? <b>3</b>	18. Intervals Drilled By <b>40'-11,650'</b>	Rotary Tools	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>10,038'-10,170' Strawn</b>					20. Was Directional Survey Made <b>No</b>
21. Type Electric and Other Logs Run <b>Density/Neutron, Hi-Res Laterolog Array, CBL</b>					22. Was Well Cored <b>No</b>
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	40'	26"		
13-3/8"	48#	598'	17-1/2"	1455 sx (circ)	
9-5/8"	36#	2367'	12-1/4"	1600 sx (circ)	
7"	23# & 26#	8800'	8-3/4"	1080 sx (TOC 1850'est)	
4-1/2"	11.6#	11,650'	6-1/8"	300 sx (TOC 7388'CBL)	
<b>24. LINER RECORD</b>			<b>25. TUBING RECORD</b>		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					DEPTH SET
					PACKER SET
					2-7/8"
					9974'
					9974'
26. Perforation record (interval, size, and number) <b>11,398'-11,408' (60) 11,034'-11,056' (132) 10,038'-10,048' (60)</b> <b>11,104'-11,256' 10,432'-10,454' (132)</b> <b>11,016'-11,026' (60) 10,156'-10,170' (15)</b>			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED <div style="text-align: center; padding: 5px;"><b>SEE ATTACHED SHEET</b></div>		
<b>28. PRODUCTION</b>					
Date First Production <b>11/1/05</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>		Well Status (Prod. or Shut-in) <b>Producing</b>	
Date of Test <b>11/16/05</b>	Hours Tested <b>24 hrs</b>	Choke Size <b>24/64"</b>	Prod'n For Test Period <b>0</b>	Oil - Bbl <b>0</b>	Gas - MCF <b>301</b>
Flow Tubing Press. <b>130 psi</b>	Casing Pressure Packer <b>130 psi</b>	Calculated 24-Hour Rate <b>0</b>	Oil - Bbl. <b>0</b>	Gas - MCF <b>301</b>	Water - Bbl. <b>3</b>
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>					Test Witnessed By <b>B. Wallace</b>
30. List Attachments  <b>Logs and Deviation Survey</b>					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <u><i>Tina Huerta</i></u> Printed. Name <u>Tina Huerta</u> Title <u>Regulatory Compliance Supervisor</u> Date <u>December 15, 2005.</u>  E-mail Address <u>tinah@ypcnm.com</u>					

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	10,038'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	10,416'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Siluro-Devonian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	
T. Blinebry	T. Gr. Wash		T. Morrison	
T. Tubb	T. Delaware	2645'	T. Todilto	
T. Drinkard	T. Bone Spring	4818'	T. Entrada	
T. Abo	T. 3 <sup>rd</sup> Bone Spring	8290'	T. Wingate	
T. Wolfcamp	8707'	Upper Penn	T. Chinle	
T. Wolfcamp B Zone	T. Morrow	10,956'	T. Permian	
T. Cisco	Chester		T. Penn "A"	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Yates Petroleum Corporation  
Louise AYL #2  
Section 25-T21S-R26E  
Eddy County, New Mexico

**Form C-105 continued:**

**27. Acid, Shot, Fracture, Cement, Squeeze, Etc.**

<u>Depth Interval</u>	<u>Amount and Kind Material Used</u>
11,398'-11,408'	Acidize w/1000g 7-1/2% Morrow acid
11,398'-11,408'	Squeeze w/200 sx "H"
11,104'-11,256'	Acidize in 4 stages w/750g 7-1/2% Morrow acid
11,016'-11,056'	Acidize w/2000g 7-1/2% Morrow acid and 200 balls
11,016'-11,056'	Frac w/30,000g 40# binary 70Q CO2 and 75K 18/40 Versaprop
10,432'-10,454'	Acidize w/750g MSA acid
10,432'-10,454'	Frac w/12,000g 70Q CO2 foam and 28,800# 18/40 Ultraprop
10,156'-10,170'	Acidize w/1500g 15% IC acid
10,038'-10,048'	Acidize w/1000g 7-1/2% IC acid

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

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>30-015-33938</b>	<sup>2</sup> Pool Code <b>78075</b>	<sup>3</sup> Pool Name <b>Undesignated Happy Valley Strawn, Northeast</b>
<sup>4</sup> Property Code <b>27525</b>	<sup>5</sup> Property Name <b>Louise AYI</b>	
<sup>7</sup> OGRID No. <b>025575</b>		<sup>9</sup> Well Number <b>2</b>
<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>3167'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>B</b>	<b>25</b>	<b>21S</b>	<b>26E</b>		<b>990</b>	<b>North</b>	<b>1550</b>	<b>East</b>	<b>Eddy</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

<div style="border: 2px solid black; padding: 10px; margin: 10px;"> <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">990' N</div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; width: 100px; height: 100px; position: relative;"> <div style="position: absolute; top: 0; right: 0;">1550' E</div> </div> </div> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <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>  <div style="text-align: right;">             Signature         </div> <div style="text-align: right;"> <b>Tina Huerta</b>            Printed Name            Regulatory Compliance Supervisor            Title and E-mail Address            December 15, 2005            Date         </div> </div>
<div style="border: 1px solid black; padding: 10px; margin: 10px; text-align: center;"> <b>RECEIVED</b>  <b>DEC 21 2005</b>  <b>OCU-ARTESIA</b> </div>	<div style="border: 1px solid black; padding: 5px;"> <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>  <div style="text-align: right;">           Date of Survey            Signature and Seal of Professional Surveyor:              Certificate Number         </div> </div>