

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

District II  
1301 W. Grand Ave., 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 and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Permit 14002

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
Property Code 34974		API Number 30-025-37402
Property Name IKE STATE UNIT		Well No. 001

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	30	12S	35E	2	1750	N	900	W	Lea

**Proposed Pools**

WILDCAT MISSISSIPPIAN				
Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 4126
Multiple N	Proposed Depth 12800	Formation Mississippian Age Rocks- Undivided	Contractor	Spud Date 08/03/2005

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	400	0
Intl	12.25	9.625	40	4350	1400	0
Prod	8.75	5.5	17	12800	1650	3850

**Casing/Cement Program: Additional Comments**

Yates Petroleum Corporation proposes to drill/test the Mississippian and intermediate formations. Approximately 400' of surface casing will be set/cement circulated. Intermediate casing will be set @ 4350.00', cement circulated to the surface. If commercial, production casing will be run/cemented; will perforate/stimulate as needed for production. MUD PROGRAM: 0-400' - FW/Spud Mud; 400' - 2158' - FW, 2158'-4350' Red Bed Mud/Oil; 64350' - 7800' Cut Brine; 7800' - 11750' SGe/Oil; 11750' - TD SGe/Starch/4.6% KCL.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Debbie Caffall

Title: Regulatory Technician

Date: 08/02/2005

Phone: 505-748-4364

**OIL CONSERVATION DIVISION**

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 08/02/2005

Expiration Date: 08/02/2006

Conditions of Approval:

There are conditions. See Attached.

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Oil Conservation Division  
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Santa Fe, NM 87505

Form C-102  
Permit 14002

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-37402	Pool Name WILDCAT MISSISSIPPIAN	Pool Code
Property Code 34974	Property Name IKE STATE UNIT	Well No. 001
OGRID No. 25575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4126

**Surface And Bottom Hole Location**

UL or Lot E	Section 30	Township 12S	Range 35E	Lot Idn 2	Feet From 1750	N/S Line N	Feet From 900	E/W Line W	County Lea
Dedicated Acres 307.72	Joint or Infill	Consolidation Code	Order No.						


**OPERATOR CERTIFICATION**

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

Electronically Signed By: Debbie Caffall

Title: Regulatory Technician

Date: 08/02/2005

**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.*

Surveyed By: Herschel Jones

Date of Survey: 07/29/2005

Certificate Number: 3640

**Permit Conditions Of Approval**  
**C-101, Permit 14002**

Operator: YATES PETROLEUM CORPORATION , 25575

Well: IKE STATE UNIT #001

OCD Reviewer	Condition
PKAUTZ	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114
PKAUTZ	Re-seeding mixture will must be approved or authorized by surface owner
PKAUTZ	Notice is to be given to the OCD prior to construction of the pit(s)
PKAUTZ	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

Submit 3 Copies To Appropriate District  
Office  
District I  
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1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-37402
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VO-6168
7. Lease Name or Unit Agreement Name Ike State Unit
8. Well Number 1
9. OGRID Number 025575
10. Pool name or Wildcat Wildcat Mississippian

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4126' GR	
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Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 S. 4<sup>th</sup> Street, Artesia, NM 88210

4. Well Location  
Unit Letter E : 1750 feet from the North line and 900 feet from the West line  
Section 30 Township 12S Range 35E NMPM Lea County

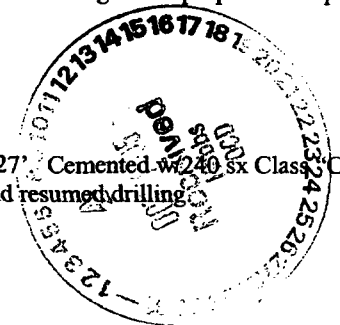
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P & A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: Spud and Surface Casing <input checked="" type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8-31-05 Spudded well @ 4:10 p.m. Notified Sylvia Dickey w/NMOCD via voice mail.

9-3-05 Resumed drilling @ 12:00 p.m. Drilled 17-1/2" hole to 427'. Set 13-3/8" 48# casing @ 427'. Cemented w/240 sx Class C w/additives and tailed in w/200 sx. Cement circulated. WOC 19 hrs. Reduced hole to 12-1/4" and resumed drilling.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 10-3-05

Type or print name Stormi Davis E-mail address: stormid@ypcnm.com Telephone No. 505-748-1471

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE OCT 07 2005

Conditions of Approval (if any):

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.	30-025-37402
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VO-6168
7. Lease Name or Unit Agreement Name	Ike State Unit
8. Well Number	1
9. OGRID Number	025575
10. Pool name or Wildcat	Wildcat Mississippian

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 S. 4<sup>th</sup> Street, Artesia, NM 88210

4. Well Location  
Unit Letter E : 1750 feet from the North line and 900 feet from the West line  
Section 30 Township 12S Range 35E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4126' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

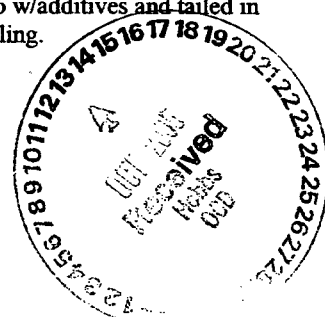
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P & A ☐  
CASING/CEMENT JOB ☐

OTHER: Intermediate Casing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10-7-05 TD 12-1/4" hole to 4366'. Set 9-5/8" 36# and 40# casing @ 4366'. Cemented w/1950 sx 35:65:6 w/additives and tailed in w/200 sx Class "C". Cement circulated. WOC 44 hrs, 30 mins. Reduced hole to 8-3/4" and resumed drilling.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 10-12-05

Type or print name Stormi Davis E-mail address: stormid@ypcnm.com Telephone No. 505-748-1471  
For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE OCT 20 2005  
Conditions of Approval (if any):

## District I

1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

## District II

1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

## District III

1000 Rio Branos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

## District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

## State of New Mexico

Energy, Minerals and Natural Resources

## Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-103

Permit 19282

WELL API NUMBER  
30-025-37402

5. Indicate Type of Lease  
S

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name  
IKE STATE UNIT

8. Well Number  
001

9. OGRID Number  
25575

10. Pool name or Wildcat

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: G

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address of Operator

105 South Fourth St., Artesia, NM 88210

4. Well Location

Unit Letter 2 : 1750 feet from the N line and 900 feet from the W line  
Section 30 Township 12S Range 35E NMPM Lea County

11. Elevation (Show whether DR, KB, BT, GR, etc.)  
4126 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

Other:

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐CASING/CEMENT JOB ☐Other: Drilling/Cement ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11-12-05 TD 8-3/4" hole to 12886'. Set 7" 26# casing @ 12886'. Cemented w/960 sx 50-50:10 P, H, G and tailed in w/1160 sx 15-61:11 P.C. TOC calculated @ 3000' 8/31/2005 Spudded well.

## Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield Class	1" Dpth	Pres Held	Pres Drop	Open Hole
11/15/05	Prod		8.75	7	20		3000	12886	2120			3077	0	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed

TITLE Regulatory Agent

DATE 12/1/2005

Type or print name Debbie Caffall

E-mail address debbiec@ypcnm.com

Telephone No. 505-748-4376

For State Use Only:

APPROVED BY: Paul Kautz

TITLE Geologist

DATE 12/2/2005 7:06:42 AM

REFERENCE SHEET FOR  
UNDESIGNATED WELLS

	Fm	Pm	N
12-16 C	XX	XX	XX

paragraph

1. Date:	2/9/2006
2. Type of Well:	
Oil:	
Gas:	XX
3. County:	LEA

4. Operator:	YATES PETROLEUM CORP			API NUMBER:	30 - 025 - 37402				
5. Address of Operator	105 S 4TH ST ARTESIA NM 88210								
6. Lease name or Unit Agreement Name	>> IKE STATE UNIT					7. Well Number	# - 1		
8. Well Location	Unit Letter: E	1750	feet from the	N	line and	900	feet from the	W	line
	Section	30	Township	12S	Range	35E			
9. Completion Date:			11. Perfs	Top	Bottom	TD			
				12284	12356	12886			
10. Name of Producing Formation(s)	MORROW		12. Open Hole Casing shoe	Bottom	PBTD				
					12500				
13. C-123 Filed:	Date	15. Name of Pool Requested or temporary Wildcat designation:	RANGER LAKE;MORROW, NORTH (GAS)			Pool ID num	97362		
Y	N	XX							
16. Remarks:	EXTEND W/2 DEDICATED								

TO BE COMPLETED BY DISTRICT GEOLOGIST

17. Action taken	18. Pool Name	Pool ID num
EXTEND	RANGER LAKE;MORROW, NORTH (GAS)	97362
<p>T 12 S, R 35 E</p> <p>SEC 19: SW/4</p> <p>SEC 30: W/2</p>		

19. Advertised for HEARING:	20. Case Number
21. Name of pool for which was advertised.	Pool ID num
RANGER LAKE;MORROW, NORTH (GAS)	97362
22. Placed in Pool	23. By order number
	R-

Submit 3 Copies To Appropriate District Office  
District I  
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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.	30-025-37402
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VO-6168
7. Lease Name or Unit Agreement Name	Ike State Unit
8. Well Number	1
9. OGRID Number	025575
10. Pool name or Wildcat	Ranger Lake; Morrow, North (Gas)

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4126' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 S. 4<sup>th</sup> Street, Artesia, NM 88210

4. Well Location  
Unit Letter E : 1750 feet from the North line and 900 feet from the West line  
Section 30 Township 12S Range 35E NMPM Lea County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P & A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: Completion Operations <input checked="" type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12-7-05 Perforated Mississippian 12687-12770' (2 JSPF) w/76 .42" holes. Acidized w/3500 gal 15% NEFE w/80 balls.  
12-13-05 Set 7" composite plug @ 12500'.  
12-14-05 Perforated Morrow 12284-99' (90) and 12342-56' (84) (6 JSPF) for total of 174 .42" holes.  
12-15-05 Acidized Morrow w/2000 gal 7-1/2% Morrow acid w/1000SCF N2/bbl.  
12-27-05 Acidized Morrow w/2000 gal 7-1/2% Morrow acid.  
1-5-06 Frac Morrow w/58000 gal PureGel III and 40# 60Q foam w/57800# 16/30 Versaprop.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed/closed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 1-25-06

Type or print name Stormi Davis E-mail address: stormid@ypcnm.com Telephone No. 505-748-1471

For State Use Only  
APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE FEB 13 2006  
Conditions of Approval (if any):



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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>30-025-37402</b>	<sup>2</sup> Pool Code <b>97362</b>	<sup>3</sup> Pool Name <b>Ranger Lake; Morrow, North (Gas)</b>
<sup>4</sup> Property Code <b>34974</b>	<sup>5</sup> Property Name <b>Ike State Unit</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>4126' GR</b>

<sup>10</sup> Surface Location

UL or lot no. <b>E</b>	Section <b>30</b>	Township <b>12S</b>	Range <b>35E</b>	Lot 1dn <b>E</b>	Feet from the <b>1750</b>	North/South line <b>North</b>	Feet from the <b>900</b>	East/West line <b>West</b>	County <b>Lea</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres <b>307.72</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 Stormi Davis Printed Name Regulatory Compliance Technician Title and E-mail Address Date 1-25-06
	<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

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State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

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

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> Reason for Filing Code/ Effective Date RT for 1 MMCFD for Morrow Perfs (January, 2006)
<sup>4</sup> API Number 30-025-37402	<sup>5</sup> Pool Name Ranger Lake; Morrow, North (Gas)	<sup>6</sup> Pool Code 97362
<sup>7</sup> Property Code 34974	<sup>8</sup> Property Name Ike State Unit	<sup>9</sup> Well Number 1

**II. <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
E	30	12S	35E	E	1750	North	900	West	Lea

**<sup>11</sup> Bottom Hole Location**

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> Lse Code S	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 1-18-06	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
035246	Shell Trading (Taylor Trucking) P.O. Box 438 Winnsboro, TX 75494		O	Unit E Sec. 30-T12S-R35E
147831	Agave Energy Co. 105 S. 4 <sup>th</sup> Str. Artesia, NM 88210		G	Unit E Sec. 30-T12S-R35E

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description Unit E Sec. 30-T12S-R35E
-------------------	--

**V. Well Completion Data**

<sup>25</sup> Spud Date 8-31-05 RH 9-3-05 RT	<sup>26</sup> Ready Date	<sup>27</sup> TD 12886'	<sup>28</sup> PBDT 12500'	<sup>29</sup> Perforations 12284-12356'	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Stormi Davis</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <b>PETROLEUM ENGINEER</b>	
Printed name: Stormi Davis		Approval Date: <b>FEB 13 2006</b>	
Title: Regulatory Compliance Technician			
E-mail Address: stormid@ypcnm.com			
Date: 1-25-06	Phone: 505-748-1471		

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

Operator Name and Address Yates Petroleum Corporation 105 S. 4 <sup>th</sup> Street Artesia, NM 88210		OGRID Number 025575
Property Code 34974		API Number 30-025-37402
Property Name Ike State Unit	Well No. 1	
Proposed Pool 1 Ranger Lake; Atoka, North (Gas)	Proposed Pool 2 Ranger Lake Upper Penn	Proposed Pool 3 Wildcat Strawn
Proposed Pool 4 Wildcat Wolfcamp	Proposed Pool 5 Wildcat Bough	

Surface Location

UL or lot no. E	Section 30	Township 12S	Range 35E	Lot Idn E	Feet from the 1750	North/South line North	Feet from the 900	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	--------------	-----------------------	---------------------------	----------------------	------------------------	---------------

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

Work Type Code P	Well Type Code G	Cable/Rotary N/A	Lease Type Code S	Ground Level Elevation 4126'
Multiple N	Proposed Depth N/A	Formation Mississippian	Contractor N/A	Spud Date ASAP
Depth to Groundwater <50'		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"/>				

Proposed Casing and Cement Program

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

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.

Propose to plug back and recompleat as follows:

If it is decided to permanently abandon Mississippian perms, dump 35' cement on composite plug @ 12500'. Set CIBP @ 12250' and dump 35' cement on plug. Perforate Atoka 11997-12002' (30) and stimulate. If production is not adequate, set CIBP @ 11980' and dump 35' cement on plug. Perforate Strawn 11310-11322' (26) and acidize. If production is not adequate, set CIBP @ 11290' and dump 35' cement on plug. Perforate Wolfcamp 11082-11094' (26) and acidize. If production is not adequate, set CIBP @ 11050' and dump 35' cement on plug. Perforate Wolfcamp 10885-10902' (36) and acidize. If production is not adequate, set CIBP @ 10850' and dump 35' cement on plug. Perforate Wolfcamp 10470-10484' (30) and acidize. If production is not adequate, set CIBP @ 10850' and dump 35' cement on plug. Perforate Bough B 10146-10150' (12), 10154-10158' (12) and 10184-10187' (8) and acidize.

Note: Drilling pit is still open.

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 NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature: Stormi Davis

Printed name: Stormi Davis

Title: Regulatory Compliance Technician

E-mail Address: stormid@ypcnm.com

Date: 2-20-06

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date: MAR 01 2006

Expiration Date:

Conditions of Approval Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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1301 W. Grand Avenue, Artesia, NM 88210  
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**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

22 23 24 25 26 27

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>30-025-37402</b>		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Bough</b>
<sup>4</sup> Property Code <b>34974</b>	<sup>5</sup> Property Name <b>Ike State Unit</b>		<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>4126' GR</b>

<sup>10</sup> Surface Location

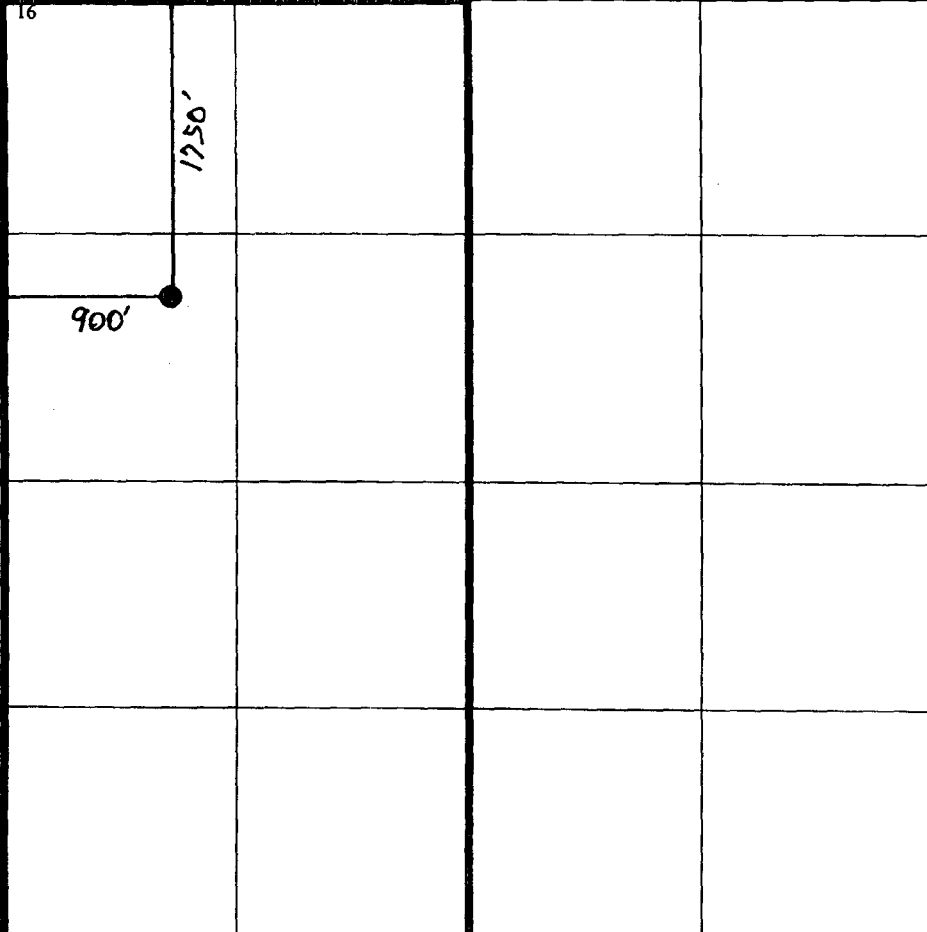

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>30</b>	<b>12S</b>	<b>35E</b>	<b>E</b>	<b>1750</b>	<b>North</b>	<b>900</b>	<b>West</b>	<b>Lea</b>

<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>307.72</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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 Stormi Davis Printed Name Regulatory Compliance Technician Title and E-mail Address Date 2-20-06	
	<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	

**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  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-025-37402</b>		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Wolfcamp</b>
<sup>4</sup> Property Code <b>34974</b>	<sup>5</sup> Property Name <b>Ike State Unit</b>		<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>4126' 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>E</b>	<b>30</b>	<b>12S</b>	<b>35E</b>	<b>E</b>	<b>1750</b>	<b>North</b>	<b>900</b>	<b>West</b>	<b>Lea</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>307.72</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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	Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-37402	<sup>2</sup> Pool Code 50730	<sup>3</sup> Pool Name Ranger Lake Upper Penn Wildcat Strawn
<sup>4</sup> Property Code 34974	<sup>5</sup> Property Name Ike State Unit	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 4126' GR

<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
E	30	12S	35E	E	1750	North	900	West	Lea

<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 307.78	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Stormi Davis Printed Name Regulatory Compliance Technician Title and E-mail Address Date 2-20-06			
	<sup>18</sup> 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number			

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Energy, Minerals & Natural Resources Department  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-025-37402</b>	<sup>2</sup> Pool Code <b>97349</b>	<sup>3</sup> Pool Name <b>Ranger Lake; Atoka, North (Gas)</b>
<sup>4</sup> Property Code <b>34974</b>	<sup>5</sup> Property Name <b>Ike State Unit</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>4126' GR</b>

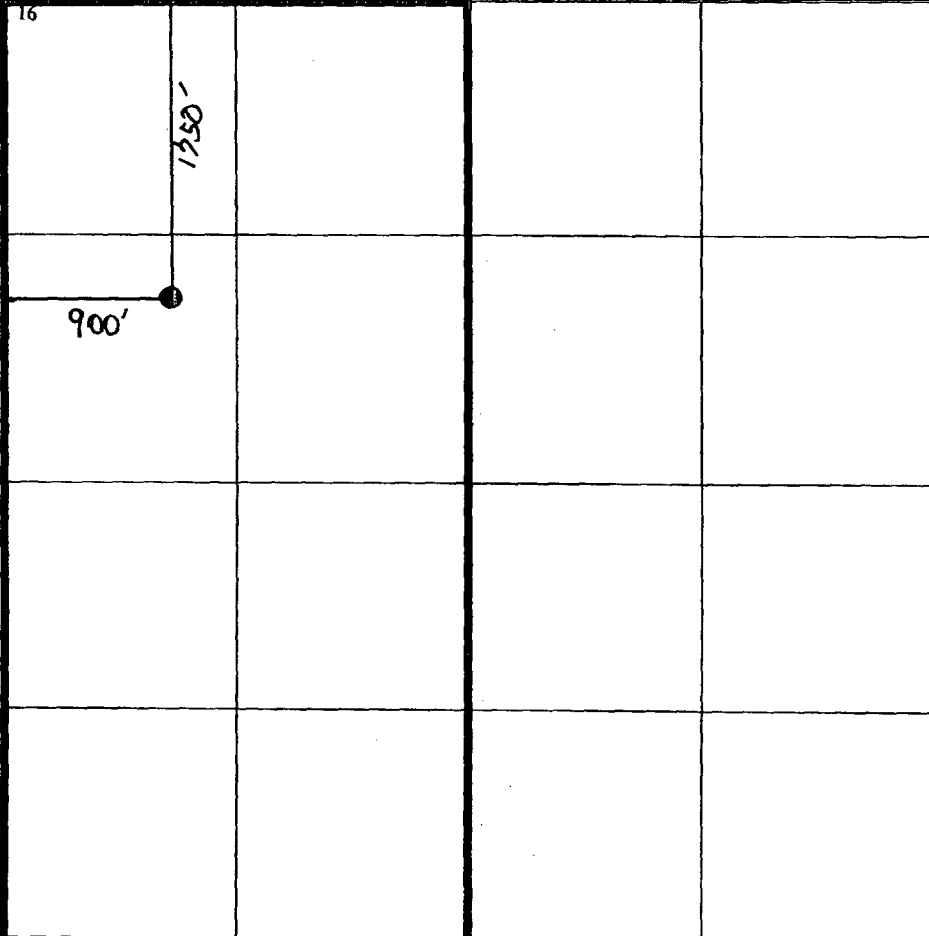

**<sup>10</sup> Surface Location**

UL or lot no. <b>E</b>	Section <b>30</b>	Township <b>12S</b>	Range <b>35E</b>	Lot Idn <b>E</b>	Feet from the <b>1750</b>	North/South line <b>North</b>	Feet from the <b>900</b>	East/West line <b>West</b>	County <b>Lea</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>307.72</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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><sup>16</sup></b> 	<b><sup>17</sup> 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 <b>Stormi Davis</b> Printed Name Regulatory Compliance Technician Title and E-mail Address Date <b>2-20-06</b>	
	<b><sup>18</sup> 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	

REFERENCE SHEET FOR  
UNDESIGNATED WELLS

	Fm	Pm	N
12-16 C	XX	XX	XX

paragraph

1. Date:	2/9/2006
2. Type of Well:	
Oil:	
Gas:	XX
3. County:	LEA

4. Operator:	YATES PETROLEUM CORP			API NUMBER:	30 - 025 - 37402
5. Address of Operator	105 S 4TH ST ARTESIA NM 88210				
6. Lease name or Unit Agreement Name	>> IKE STATE UNIT			7. Well Number	# - 1
8. Well Location	Unit Letter: E 1750 feet from the N line and 900 feet from the W line Section 30 Township 12S Range 35E				

9. Completion Date:		11. Perfs	Top	Bottom	TD
			12284	12356	12886
10. Name of Producing Formation(s)	12. Open Hole Casing shoe		Bottom	PBTD	
MORROW				12500	

13. C-123 Filed:	Date	15. Name of Pool Requested or temporary Wildcat designation:	Pool ID num
Y	N XX	RANGER LAKE;MORROW, NORTH (GAS)	97362
16. Remarks:	EXTEND W/2 DEDICATED		

TO BE COMPLETED BY DISTRICT GEOLOGIST			
17. Action taken	18. Pool Name	Pool ID num	
EXTEND	RANGER LAKE;MORROW, NORTH (GAS)	97362	
<p>T 12 S, R 35 E</p> <p>SEC 19: SW/4</p> <p>SEC 30: W/2</p>			

19. Advertised for HEARING:	20. Case Number
21. Name of pool for which was advertised.	Pool ID num
RANGER LAKE;MORROW, NORTH (GAS)	97362
22. Placed in Pool	23. By order number
	R-



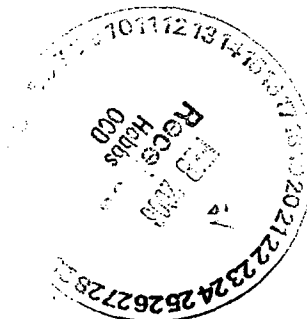
OPERATOR YATES PETROLEUM CORPORATION  
WELL/LEASE IKE ST. UNIT #1  
COUNTY LEA, NM

501-0151

STATE OF NEW MEXICO  
DEVIATION REPORT

30-025-37402

263	3/4
813	1/4
1,261	3/4
1,737	3/4
2,242	1/2
2,721	1/2
3,230	1/2
3,736	1/4
4,211	1/2
4,339	3/4
4,571	1/2
5,111	1/2
5,619	1/2
6,095	1/4
6,573	1
7,048	1/4
7,525	1/4
7,777	1
8,262	1
8,767	1/2
9,263	1/2
9,760	1
10,008	3/4
10,506	1/2
10,998	1/2
11,305	1/2
11,802	1/2
12,300	2 1/2
12,884	2



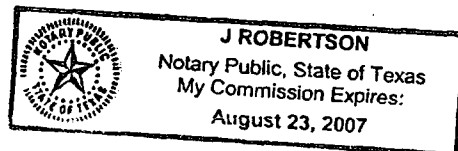
BY: [Signature]

STATE OF TEXAS  
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

November 16, 2005, by Steve

[Signature]  
Notary Public for Midland County, Texas  
My Commission Expires: 8/23/07



District I  
1625 N. French Dr., Hobbs, NM 88240  
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1301 W. Grand Avenue, Artesia, NM 88210  
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State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

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

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 <small>THIS WELL HAS BEEN PLACED IN THE <del>CLASS</del> DESIGNATED BELOW IF YOU DO NOT CONSIDER NOTIFY THIS OFFICE</small>		<sup>2</sup> OGRID Number 025575	
<sup>4</sup> API Number 30-025-37402		<sup>3</sup> Reason for Filing Code/ Effective Date NW	
<sup>5</sup> Pool Name Ranger Lake; Morrow, North (Gas)		<sup>6</sup> Pool Code 97362	
<sup>7</sup> Property Code 34974		<sup>8</sup> Property Name Ike State Unit	
		<sup>9</sup> Well Number 1	

**II. <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
E	30	12S	3SE	E2	1750	North	900	West	Lea

**<sup>11</sup> Bottom Hole Location**

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> Lse Code S	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 1-18-06	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
035246	Shell Trading (Taylor Trucking) P.O. Box 438 Winnboro, TX 75494		O	Unit E Sec. 30-T12S-R35E
147831	Agave Energy Co. 105 S. 4 <sup>th</sup> Str. Artesia, NM 88210		G	Unit E Sec. 30-T12S-R35E

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description Unit E Sec. 30-T12S-R35E
-------------------	--

**V. Well Completion Data**

<sup>25</sup> Spud Date 8-31-05 RH 9-3-05 RT	<sup>26</sup> Ready Date 1-16-06	<sup>27</sup> TD 12886'	<sup>28</sup> PBDT 12500'	<sup>29</sup> Perforations 12284-12356'	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
17-1/2"	13-3/8"	427'	440 sx (circ)		
12-1/4"	9-5/8"	4366'	2150 sx (circ)		
8-3/4"	7"	12886'	2120 sx (TOC-3000' calc)		
	2-7/8"	12058'			

**VI. Well Test Data**

<sup>35</sup> Date New Oil 1-18-06	<sup>36</sup> Gas Delivery Date 1-18-06	<sup>37</sup> Test Date 1-6-06	<sup>38</sup> Test Length 24 Hrs	<sup>39</sup> Tbg. Pressure 100#	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size 3/8"	<sup>42</sup> Oil 0	<sup>43</sup> Water 0	<sup>44</sup> Gas 384	<sup>45</sup> AOF	<sup>46</sup> Test Method Flowing

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Stormi Davis</i>			OIL CONSERVATION DIVISION		
Printed name: Stormi Davis			Approved by: <i>[Signature]</i>		
Title: Regulatory Compliance Technician			Title: PETROLEUM ENGINEER		
E-mail Address: stormid@ypcnm.com			Approval Date: MAR 07 2006		
Date: 2-20-06		Phone: 505-748-1471			

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-025-37402  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>  State Oil & Gas Lease No. VO-6168
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <b>CONFIDENTIAL</b>  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.		7. Lease Name or Unit Agreement Name  Ike State Unit
2. Name of Operator <b>Yates Petroleum Corporation</b>  3. Address of Operator <b>105 South Fourth Street, Artesia, NM 88210 (505) 748-1471</b>		8. Well No. 1  9. Pool name or Wildcat <b>Ranger Lake; Morrow, North (Gas)</b>
4. Well Location Unit Letter <u>E</u> : <u>1750</u> Feet From The <u>North</u> Line and <u>900</u> Feet From The <u>West</u> Line  Section <u>30</u> Township <u>12S</u> Range <u>35E</u> NMPM <u>Lea</u> County		
10. Date Spudded 8-31-05 RH 9-3-05 RT	11. Date T.D. Reached 11-12-05	12. Date Compl. (Ready to Prod.) 1-16-06
13. Elevations (DF& RKB, RT, GR, etc.) 4126' GR, 4144' KB		14. Elev. Casinghead
15. Total Depth 12886'	16. Plug Back T.D. 12500'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools 40-12886'		Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 12284-12356' Morrow		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run BCS, CNL, Laterolog, CBL		22. Was Well Cored No
<b>23. CASING RECORD (Report all strings set in well)</b>		
CASING SIZE 13-3/8" 9-5/8" 7"	WEIGHT LB./FT. 48# 36#, 40# 26#	DEPTH SET 427' 4366' 12886'
HOLE SIZE 17-1/2" 12-1/4" 8-3/4"		CEMENTING RECORD 440 sx (circ) 2150 sx (circ) 2120 sx (TOC-3000' calc)
AMOUNT PULLED		
<b>24. LINER RECORD</b>		
SIZE TOP BOTTOM	SACKS CEMENT SCREEN	<b>25. TUBING RECORD</b> SIZE DEPTH SET PACKER SET
26. Perforation record (interval, size, and number) 12687-12770' w/76 .42" holes 12284-12299' (90) and 12342-12356' (84) for total of 174 .42" holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED 12687-770' 3500 gal 15% NEFE w/80 balls 12284-356' 4000 gal 7-1/2% Morrow acid 12284-356' Frac w/58000 gal PureGel III & 40# 600 foam w/57800# 16/30 Versaprop
<b>28. PRODUCTION</b>		
Date First Production 1-18-06	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut in) Producing
Date of Test 1-6-06	Hours Tested 24	Choke Size 3/8"
Flow Tubing Press. 100#	Casing Pressure Calculated 24-Hour Rate 0	Oil - Bbl. 0
Gas - MCF 384		Water - Bbl. 0
Oil Gravity - API - (Corr.)		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By Noel Gomez
30. List Attachments Deviation Report, Logs		
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:		Printed Name: <u>Stormi Davis</u> Title: <u>Regulatory Compliance Technician</u> Date: <u>2-20-06</u>
E-mail Address: <u>stormid@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 11167'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka 11726'	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2899'		T. L. Miss Lm 12578'	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres 4264'		T. Simpson	T. Gallup	T. Ignacio Oztte
T. Glorieta 5713'		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T
T. Blinebry		T. Gr. Wash	T. Morrison	T
T. Tubb 7147'		T. Delaware	T. Todilto	T
T. Drinkard		T. Bone Springs	T. Entrada	T
T. Abo 7852'		T. Rustler 2095'	T. Wingate	T
T. Wolfcamp Lm 9350'		T. Morrow 12158'	T. Chinle	T
T. Penn		T. Austin 12357'	T. Permian	T
T. Cisco (Bough C)		T. Chester Lm 12450'	T. Penn "A"	T

## 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