

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/ft	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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87505

State of New Mexico  
Energy, Minerals and Natural Resources  
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	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
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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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 \_\_\_\_\_

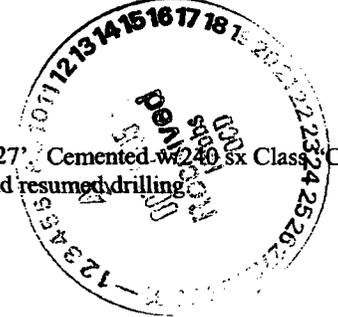
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<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"/>		<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: <input type="checkbox"/>		OTHER: Spud and Surface Casing <input checked="" type="checkbox"/>	

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  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
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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

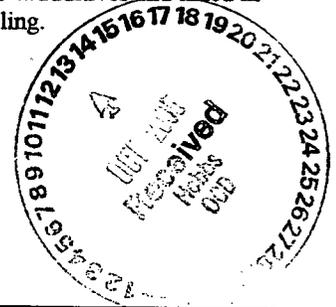
SUBSEQUENT REPORT OF:

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

OTHER:  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 Hrnas 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 & 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 NMOC 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:

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 **12284** Bottom **12356** TD **12886**

10. Name of Producing Formation(s): **MORROW** 12. Open Hole Casing shoe: Bottom **12500** PBD

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

16. Remarks: **EXTEND W/2 DEDICATED**

**TO BE COMPLETED BY DISTRICT GEOLOGIST**

17. Action taken: **EXTEND** 18. Pool Name: **RANGER LAKE;MORROW, NORTH (GAS)** Pool ID num: **97362**

**T 12 S, R 35 E**

**SEC 19: SW/4**

**SEC 30: W/2**

19. Advertised for HEARING:  20. Case Number:

21. Name of pool for which was advertised: **RANGER LAKE;MORROW, NORTH (GAS)** Pool ID num: **97362**

22. Placed in Pool:  23. By order number: **R-**

Submit 3 Copies To Appropriate District Office  
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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)

**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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P & A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion Operations <input checked="" type="checkbox"/>	

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 of 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):

**District I**  
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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.	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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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> OPERATOR CERTIFICATION <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> SURVEYOR CERTIFICATION <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

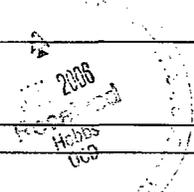
**<sup>11</sup> Bottom Hole Location**

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 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	<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> <b>PEPETROLEUM ENGINEER</b>
Printed name: Stormi Davis	Title:
Title: Regulatory Compliance Technician	Approval Date: <b>FEB 13 2006</b>
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)	Ranger Lake Upper Penn	Proposed Pool 2 Wildcat Strawn
Proposed Pool 3 Wildcat Wolfcamp	Proposed Pool 4 Wildcat Bough	

**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

**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					

<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.

**Propose to plug back and recomple 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.**

<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: *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:

*[Signature]*  
**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

**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

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>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>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
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

<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

<p><sup>16</sup></p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: center;"><i>Stormi Davis</i> Signature</p> <p>Stormi Davis Printed Name Regulatory Compliance Technician Title and E-mail Address</p> <p>Date: 2-20-06</p> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><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 Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
----------------------	---

**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>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>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

<p><sup>16</sup></p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: center;"><i>Stormi Davis</i></p> <p>Signature</p> <hr/> <p>Stormi Davis</p> <p>Printed Name</p> <p>Regulatory Compliance Technician</p> <p>Title and E-mail Address</p> <hr/> <p>Date</p> <p>2-20-06</p> <hr/> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><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> <hr/> <p>Certificate Number</p>
----------------------	--

**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

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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 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>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>6</sup> Well Number 1
		<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

<sup>12</sup> Dedicated Acres 307.78	<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> OPERATOR CERTIFICATION <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> SURVEYOR CERTIFICATION <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**  
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**District III**  
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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

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Form C-102  
Revised June 10, 2003  
Submit to: Appropriate District Office  
State Lease - 4 Copies  
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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 97349	<sup>3</sup> Pool Name Ranger Lake; Atoka, North (Gas)
<sup>4</sup> Property Code 34974	<sup>5</sup> Property Name Ike State Unit	
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>6</sup> Well Number 1
		<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

<sup>12</sup> Dedicated Acres 307.72	<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

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: **12284** Bottom: **12356** TD: **12886**

10. Name of Producing Formation(s): **MORROW** 12. Open Hole Casing shoe: Bottom: **12500** PBTD

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

16. Remarks: **EXTEND W/2 DEDICATED**

**TO BE COMPLETED BY DISTRICT GEOLOGIST**

17. Action taken: **EXTEND** 18. Pool Name: **RANGER LAKE;MORROW, NORTH (GAS)** Pool ID num: **97362**

**T 12 S, R 35 E**

**SEC 19: SW/4**  
**SEC 30: W/2**

19. Advertised for HEARING: 20. Case Number

21. Name of pool for which was advertised: **RANGER LAKE;MORROW, NORTH (GAS)** Pool ID num: **97362**

22. Placed in Pool 23. By order number: **R-**

OPERATOR  
WELL/LEASE  
COUNTY

YATES PETROLEUM CORPORATION  
IKE ST. UNIT #1  
LEA, NM

E-30-129-35e  
1750/N & 900/W

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



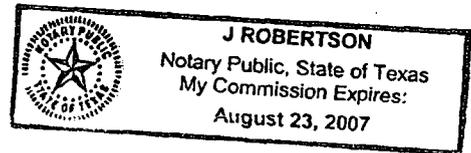
BY: *Steve Moore*

STATE OF TEXAS  
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on November 16, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

*J. Robertson*  
Notary Public for Midland County, Texas  
My Commission Expires: 8/23/07

*KA*



District I  
1625 N. French Dr., Hobbs, NM 88240  
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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>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	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
S	Flowing	1-18-06			

**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	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBDT	<sup>29</sup> Perforations	<sup>30</sup> DHC, MC
8-31-05 RH 9-3-05 RT	1-16-06	12886'	12500'	12284-12356'	
<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	<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
1-18-06	1-18-06	1-6-06	24 Hrs	100#	
<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
3/8"	0	0	384		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 <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 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> 1220 South St. Francis Dr. Santa Fe, NM 87505	<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
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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>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
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2. Name of Operator <b>Yates Petroleum Corporation</b>	8. Well No. 1
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3. Address of Operator <b>105 South Fourth Street, Artesia, NM 88210 (505) 748-1471</b>	9. Pool name or Wildcat <b>Ranger Lake; Morrow, North (Gas)</b>
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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			
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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
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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
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19. Producing Interval(s), of this completion - Top, Bottom, Name 12284-12356' Morrow	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run BCS, CNL, Laterolog, CBL	22. Was Well Cored No
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**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	427'	17-1/2"	440 sx (circ)	
9-5/8"	36#, 40#	4366'	12-1/4"	2150 sx (circ)	
7"	26#	12886'	8-3/4"	2120 sx (TOC-3000' calc)	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8"	12058'	12058'

**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	<b>27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>12687-770'</td> <td>3500 gal 15% NEFE w/80 balls</td> </tr> <tr> <td>12284-356'</td> <td>4000 gal 7-1/2% Morrow acid</td> </tr> <tr> <td>12284-356'</td> <td>Frac w/58000 gal PureGel III &amp; 40# 600 foam w/57800# 16/30 Versaprop</td> </tr> </tbody> </table>	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
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**28. PRODUCTION**

Date First Production 1-18-06	Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Flowing	Well Status ( <i>Prod. or Shut in</i> ) Producing					
Date of Test 1-6-06	Hours Tested 24	Choke Size 3/8"	Prod'n For Test Period _____	Oil - Bbl 0	Gas - MCF 384	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 100#	Casing Pressure _____	Calculated 24-Hour Rate _____	Oil - Bbl. 0	Gas - MCF 384	Water - Bbl. 0	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) Sold	Test Witnessed By Noel Gomez
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30. List Attachments Deviation Report, Logs
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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: *Stormi Davis* Printed Name: Stormi Davis Title: Regulatory Compliance Technician Date: 2-20-06  
 E-mail Address: stormid@ypcnm.com

*KZ*

