

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

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210</b>		OGRID Number <b>25575</b>
		API Number <b>30-25-36223</b>
Property Code <b>29794</b>	Property Name <b>Big Hat State Unit</b>	Well No. <b>003</b>

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	3	16S	33E		795	N	2281	E	Lea

**Proposed Pools**

<b>WILDCAT DEVONIAN</b>
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Work Type <b>New Well</b>	Well Type <b>Oil</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>4219</b>
Multiple <b>N</b>	Proposed Depth <b>14200</b>	Formation <b>Devonian</b>	Contractor	Spud Date <b>3/12/2003</b>

**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
Int1	12.25	9.625	40	4500	1750	0
Int2	8.75	7	29	13820	1800	4000
Prod	6.125	4.5	11.6	14200	200	13300

**Casing/Cement Program: Additional Comments**

YPC proposes to drill/test the Devonian/intermediate formations. Approx. 400 ft. of surface casing will be set/cemented. Approx. 4500 ft. of intermediate casing will be set/cemented. A string of 7 inch casing will be run to 13,820 ft. and cemented to 4000 ft. TOC. If commercial, production casing will be run/cemented, perforate/stimulate as needed for production. MUD PROGRAM: 0-400 ft. FW/Native Mud; 400-4500 ft. Brine; 4500-9400 FW; 9400-13820 Brine; 13820-TD SW Gel/Starch/4% 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: Robert Asher

Title: Regulatory Technician

Date: 3/12/2003

Phone: 505-748-4364

## OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 3/13/2003

Expiration Date: 3/13/2004

Conditions of Approval:

No Conditions

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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-102

## Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-25-36223	Pool Name WILDCAT DEVONIAN	Pool Code
Property Code 29794	Property Name Big Hat State Unit	Well No. 003
OGRID No. 25575	Operator Name Yates Petroleum Corporation	Elevation 4219

**Surface And Bottom Hole Location**

UL or Lot B	Section 3	Township 16S	Range 33E	Lot Idn	Feet From 795	N/S Line N	Feet From 2281	E/W Line E	County Lea
Dedicated Acres 47.98		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: Robert Asher

Title: Regulatory Technician

Date: 3/12/2003

**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.*

Electronically Signed By: Herschel L. Jones

Date of Survey: 3/11/2003

Certificate Number: 3640

**APD Comments****Operator: 25575 Yates Petroleum Corporation****Well: Big Hat State Unit 003**

User Name	Comment	Comment Date
DMULL	I email Robert Asher back, to check the pool. Devonian or Delaware?	3/12/2003

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.  
30-25-36223

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

VO-5113

**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)

7. Lease Name or Unit Agreement Name  
Big Hat State Unit

1. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 S. 4th Street, Artesia, NM 88210

8. Well No.

3

9. Pool name or Wildcat

Devonian

4. Well Location

Unit Letter B : 795 Feet From The North Line and 2,281 Feet From The East Line  
Section 3 Township 16S Range 33E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
4,219'

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

11. **NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☒

PULL OR ALTER CASING ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

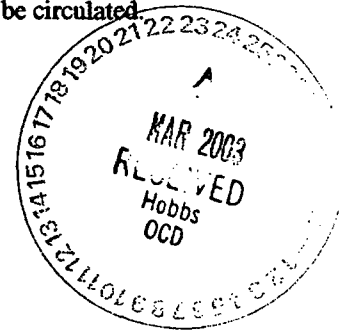
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent date, including estimated date of starting any proposed work) SEE RULE 1103.

Yates Petroleum Corporation respectfully requests permission to make the following changes to the APD for this well.

Change the setting depth of the 9 5/8" casing from 4,500' to a new setting depth of 6,050'. Cement will be circulated.



Verbal approval for this sundry was given by Paul Kautz, OCD on 3/20/03.

Thank you,

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

SIGNATURE Jeremiah Mullen TITLE Drilling Engineer Asst. DATE 03/20/03

TYPE OR PRINT NAME Jeremiah Mullen TELEPHONE NO. (505)-748-4378

(This space for State Use)

APPROVED BY Gay W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 28 2003

CONDITIONS OF APPROVAL, IF ANY:

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87504-2088

Form C-103

Revised March 25, 1999

WELL API NO. 30-025-36223
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VO-5113
7. Lease Name or Unit Agreement Name  Big Hat State Unit
8. Well No. 3
9. Pool Name or Wildcat Wildcat Devonian

**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 South 4th Str., Artesia, NM 88210

4. Well Location  
Unit Letter B : 795 feet from the North line and 2281 feet from the East line  
Section 3 Township 16S Range 33E NMPM County Lea

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
4219' GR

11. 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 COMPLETION ☐  
OTHER: ☐

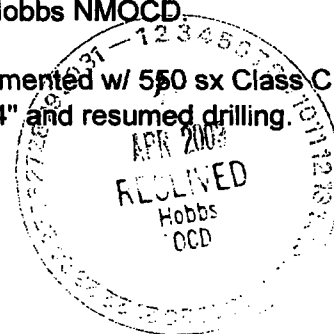
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. 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.

3-22-03 Spudded well and set 40' of 20" conductor. Notified Sylvia Dickey w/Hobbs NMOCDD

3-26-03 TD 17-1/2" hole @ 4:30 p.m. Ran 13-3/8" 48# casing set @ 428'. Cemented w/ 550 sx Class C w/additives. Cement circulated. WOC 30 hrs 30 mins. Reduced hole to 12-1/4" and resumed drilling.



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

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 3/31/03

Type or print name Stormi Davis

Telephone No. 505-748-1471

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE APR 07 2003

Conditions of approval, if any:

Submit 3 copies to Appropriate District Office

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State of New Mexico  
Energy, Minerals and Natural Resources

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1220 South St. Francis Dr.  
Santa Fe, New Mexico 87504-2088

Form C-103

Revised March 25, 1999

WELL API NO. 30-025-36223
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VO-5113
7. Lease Name or Unit Agreement Name  Big Hat State Unit
8. Well No. 3
9. Pool Name or Wildcat Wildcat Devonian
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4219' GR

**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 South 4th Str., Artesia, NM 88210

4. Well Location  
Unit Letter B : 795 feet from the North line and 2281 feet from the East line  
Section 3 Township 16S Range 33E NMPM County Lea

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

NOTICE OF INTENTION TO:

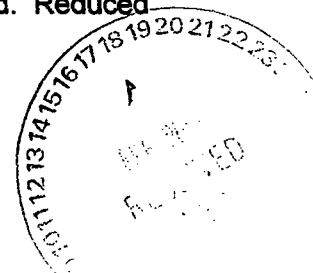
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: Intermediate Casing ☒

12. 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 recompilation.

4-13-03 TD 12-1/4" hole @ 8:30 a.m. Ran 9-5/8" 36# and 40# casing set @ 6055'. Cemented w/1300 sx 35:65:6 w/additives. Tailed in w/1700 sx "C" w/additives and 200 sx "C". Cement circulated. 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.

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 4/16/03

Type or print name Stormi Davis Telephone No. 505-748-1471

(This space for State use)  
APPROVED BY Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE APR 18 2003

Conditions of approval, if any:

Submit 3 copies to Appropriate District

Office

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State of New Mexico  
Energy, Minerals and Natural Resources

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Form C-103

Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-36223
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation		6. State Oil & Gas Lease No. VO-5113
3. Address of Operator 105 South 4th Str., Artesia, NM 88210		7. Lease Name or Unit Agreement Name Big Hat State Unit
4. Well Location Unit Letter <u>B</u> : <u>795</u> feet from the <u>North</u> line and <u>2281</u> feet from the <u>East</u> line Section <u>3</u> Township <u>16S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well No. 3
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4219' GR		9. Pool Name or Wildcat Wildcat Devonian

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

NOTICE OF INTENTION TO:

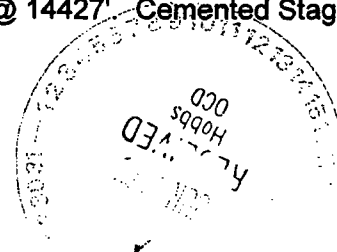
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <u>Production Casing</u>	<input checked="" type="checkbox"/>

12. 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.

6-17-03 TD 8-3/4" hole to 14427' @ 7:15 p.m. Ran 7" 26# and 29# casing set @ 14427' Cemented Stage 1: 525 sx Class H w/additives and Stage 2: 1350 sx Class H w/additives. WOC.



Thereby certify that the information above is a true and complete to the best of my knowledge and belief.

SIGNATURE Stormi Davis TITLE Regulatory Compliance Technician DATE 6/23/03

Type or print name Stormi Davis Telephone No. 505-748-1471

(This space for State use)

APPROVED BY Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUN 26 2003

Conditions of approval, if any: