

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  
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

Form C-103  
May 27, 2004

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br><b>30-015-26625</b>                                                                 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br><b>Mary Aiv St. <del>4th</del></b>                          |
| 8. Well Number <b>1</b>                                                                             |
| 9. OGRID Number                                                                                     |
| 10. Pool name or Wildcat<br><b>DELAWARE</b>                                                         |

**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. 4th St, Artesia, NM 88210**

4. Well Location  
Unit Letter **G** : **1980** feet from the **FNL** line and **1980** feet from the **FEL** line  
Section **36** Township **21S** Range **31E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3603' 6R**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type **Steel** / 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:                        |                                                      | SUBSEQUENT REPORT OF:                            |                                          |
|------------------------------------------------|------------------------------------------------------|--------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" 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 AND 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: <input 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.

Refer to attached plugging procedure & sketch.

**Notify OCD 24 hrs. prior  
to any work done.**

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 Margaret Hotter TITLE Area Engineer DATE 6/10/06

Type or print name MARGARET HOTTER E-mail address: mhotter@ypcnm.com Telephone No. 505-748-1471  
For State Use Only 505-748-4165

APPROVED BY: Phil Hawkins TITLE Field Sup. DATE 10/10/06 (direct)

Conditions of Approval (if any):

Verbal Regulatory approval \_\_\_\_\_  
AFE approval \_\_\_\_\_  
Regulatory approval \_\_\_\_\_

**Aiv St**  
**Mary SWD #1**  
**Unit Letter G, 1980' FNL & 1980' FEL, Sec. 36-21S-31E**  
**Eddy County**  
**API No. 30-015-26625**

**PLUGGING PROCEDURE**

**Call OCD in Artesia with a 24 hour notice before commencing operations**  
**505-748-1283**

**Call the BLM in Carlsbad with a 24 hour notice before commencing operations**  
**505-887-6554**

1. Spot a 100' plug, 50sxs, across the top of the 5 1/2" casing, from 5,492'-5,592'. This puts a plug over the open perforations. WOC and tag plug.
2. Spot a 100', 39sxs Class "C" cement plug from 4,430' to 4,530', across the Intermediate Casing shoe. WOC and tag plug.
- \* → 3. Spot a 100', 26sxs Class "C" cement plug from 802' to 902', across the Surface Casing shoe. WOC and tag plug.
4. Spot a 16sxs Class C Cement plug from 60' up to the surface.
5. Remove all surface equipment, weld dry hole marker & clean location as per regulations.

**Operations Engineering Supervisor \_\_\_\_\_ date \_\_\_\_\_**

Margrethe Hotter  
October 9<sup>th</sup>, 2006

cc: Ray Stall      Dave Boneau      Debbie Chaves      George Freeman      Pinson  
Ron Beasley      Master file      Michelle Taylor      Randy P.

\* R-111P- Requires A Solid CMT Plug set across SAT Section (50' Below - 50' Above)  
CMT Plug Set 4158' - 898' WOC TAG

WELL NAME: Mary AIV State #1

FIELD: Livingston Ridge

LOCATION: 1,980' FNL & 1,980' FEL of Section 36-21S-31E

Eddy Co., NM

GL: 3,603' ZERO: 14' KB: 3,617'

SPUD DATE: 1/31/91 COMPLETION DATE: 4/8/91

COMMENTS: API No.: 30-015-26625

### CASING PROGRAM

|                                    |         |
|------------------------------------|---------|
| 13-3/8" 54.5# J55 STC              | 852'    |
| 8-5/8" 32# S80/J55                 | 4,480'  |
| 5-1/2" 15.5 & 17# J55 LTC          | 8,470** |
| <u>*Cut and pulled from 5,592'</u> |         |

17-1/2"  
Hole

11" Hole

13-3/8" @ 852' w/  
800 sx cmt (Circ)

8-5/8" @ 4,480' w/1,700 sx cmt  
(Circ)

**Before**

TOC = 5,704'

Top of 5 1/2" csg, 5,592'  
Casing pulled above it

### TOPS

Rustler 631'  
Delaware 4,456'  
Cherry Cny 5,489'  
Brushy Cny 7,206'  
BS *springs* 8,392'

Delaware Sand Perfs:  
6,614-6,666'

6,885-6,943'

6,991-7,018' (22)

7,074-7,105' (18)

DV Tool @ 7,400'

Delaware Sand Perfs:  
7,462-7,464'

8,078-8,156'

8,272-8,325'

7-7/8" Hole

FC: 8,426'  
TD: 8,470'

5-1/2" @ 8,470' Cut and pulled  
from 5,592'  
1<sup>st</sup> Stage: 260 "H"  
2<sup>nd</sup> Stage: 410 "H"

**Not to Scale**

4/11/06

DC/Margarethe

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w/1,700 sx cmt (Circ)

Top of 5 1/2", 5,592'  
Casing pulled above it

TOC = 5,704'

60' surface plug, 16 sxs

100' plug 26 sxs, across  
casing shoe, 802'-902'.

100' plug 39 sxs, across  
casing shoe, 4,430'-4,530'

100' plug 50 sxs, over top of  
collapsed casing, 5,492'-5,592'

\*Cmt Plug 4158' - 898' w/c = TAG.

**After**

7-7/8" Hole

Delaware Sand Perfs:  
6,614-6,666'

6,885-6,943'

6,991-7,018' (22)

7,074-7,105' (18)

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Not to Scale

4/11/06

DC/Margarethe

10/10/2006

# Wellbore Diagram

r263

30-015-26625-00-00

MARY AIV STATE No. 001

**Company Name:** YATES PETROLEUM CORPORATION

**Location:** Sec: 36 T: 21S R: 31E Spot:

Lat: 32.436891988166 Long: -103.729364473902

**String Information**

**Property Name:** MARY AIV STATE

**County Name:** Eddy

## Cement Information

## Perforation Information

| Top<br>(ft sub) | Bottom<br>(ft sub) | Shts/Ft | No Shts | Dt Sqz |
|-----------------|--------------------|---------|---------|--------|
| 99999           | 99999              |         |         |        |

## Formation Information

| St Code | Formation       | Depth |
|---------|-----------------|-------|
| Prust   | Rustler         | 633   |
| Psal    | Salado          | 948   |
| Pbslt   | Base of Salt    | 4108  |
| Plals   | Lamar Limestone | 4455  |
| Pbc     | Bell Canyon     | 4546  |
| Pcc     | Cherry Canyon   | 5489  |
| Pbrc    | Brushy Canyon   | 7206  |
| Pbs     | Bone Spring     | 8392  |

Hole: Unknown

TD:

TVD: 99999

PBTD: