

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

Submit 1 Copy To Appropriate District Office:  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

WELL API NO. 30-025-31110
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-1682
7. Lease Name or Unit Agreement Name Red Hat State SWD
8. Well Number 1
9. OGRID Number 025575
10. Pool name or Wildcat SWD; San Andres-Glorieta
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,192' 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 **SWD** **HOBBS OCD**

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street, Artesia, NM 88210

4. Well Location  
Unit Letter G : 3300 feet from the South line and 1980 feet from the East line  
Section 2 Township 16S Range 33E NMPM. Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4,192' GR

**RECEIVED**  
MAR 30 2015

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 AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>	Possibly repair leak <input checked="" 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Yates Petroleum Corporation plans to repair a possible leak. Attached please find a copy of the procedure and a copy of the schematic. Please note that verbal approval was given to Brice Letcher, a representative of Yates Petroleum Corporation, by Maxey Brown of the NMOCD-Hobbs office to begin the work.

**Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart**

Spud Date:  Rig Release Date:

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

SIGNATURE Laura Watts TITLE Regulatory Reporting Technician DATE March 25, 2015

Type or print name Laura Watts E-mail address: laura@yatespetroleum.com PHONE: 575-748-4272

**For State Use Only**

APPROVED BY: Maxey Brown TITLE Dist. Supervisor DATE 3/30/2015  
Conditions of Approval (if any):

MAK 31 2015



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

**Red Hat State SWD #1  
3,300' FSL & 1,980' FEL  
Sec. 2-16S-33E  
Lea County, New Mexico  
API # 30-025-31110**

**Workover Procedure  
AFE005783**

**Executive Summary:**

This SWD recently failed an MIT. Could have leak in packer, tubing or casing. Repair the well and return to SWD service.

**TD:** 13,250'      **PBTD:** 9,765'  
**GR:** 4,192'      **KB:** 4,214'

**Surface Casing:** 13 3/8" 54.5# at 409'. Cemented with 425 sx. Cement circulated.  
**Intermediate Casing:** 8 5/8" 32# at 4,515'. Cemented with 2,100 sx. Cement circulated.  
**Production Casing:** 5 1/2" 17# & 20# at 13,250'. Cemented with 2,650 sx.

**Tubing String:** 2 3/8" plastic coated tubing with 5 1/2" nickel plated packer set at 5,774'.

**Workover Procedure:**

1. MIRU well service unit. Flow the pressure off of the well or pump brine down the tubing to kill the well. Release packer and TOH laying down 2 3/8" plastic coated tubing.
2. Pick up 2 3/8" work string and TIH with RBP and packer. Set RBP at 5,780'. Pressure test casing to 1,000 psi for 30 minutes. If casing tests good then release RBP and TOH laying down work string.
3. If there appears to be a casing leak, isolate and squeeze the leak as necessary to restore wellbore integrity.
4. TIH with new 2 3/8" plastic coated tubing and nickel plated packer. Perform an MIT and record on chart for NMOCD. Return the SWD to service and RDMO.

**Area Engineer:**

Brice A. Letcher  
Brice A. Letcher

**Date:** 3/24/2015

**CC:** Master File

*[Handwritten signature]*  
3/24/15

WELL NAME: Red Hat State SWD #1 FIELD: \_\_\_\_\_

LOCATION: 3300' FSL & 1980' FEL of Section 2-16S-33E Lea Co., NM

GL: 4,192' ZERO: \_\_\_\_\_ KB: 4,214'

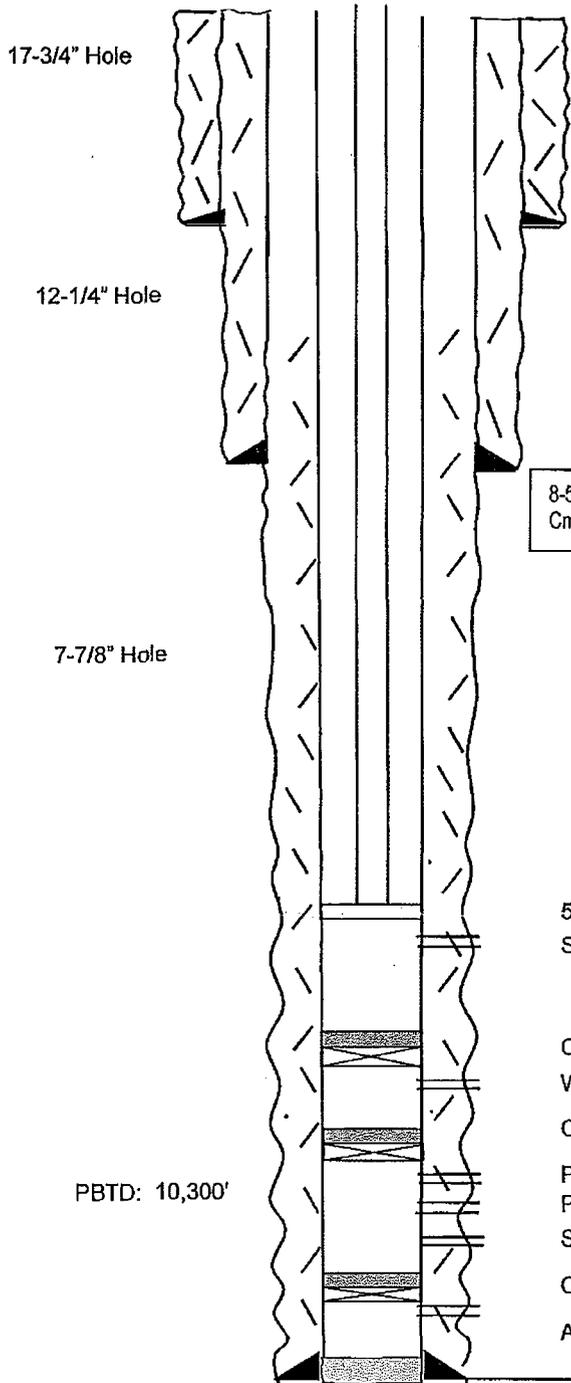
SPUD DATE: 12/31/90 COMPLETION DATE: 7/15/91

COMMENTS: API No.: 30-025-31110

**CASING PROGRAM**

13-3/8" 54.5# J-55 LT&C	<b>409'</b>
8-5/8" 32# J-55	<b>4,515'</b>
5-1/2" 17# & 20# N-80 LT&C	<b>13,250'</b>

**Before**



13-3/8" @ 409'  
Cmt w/ 425 sx

8-5/8" @ 4,515'  
Cmt w/ 2,100 sx

5-1/2" @ 13,250'  
Cmt w/ 2,650 sx

**TOPS**

Rustler	1,501'
Salado	1,608'
Yates	2,742'
Queen	3,580'
SA	4,417'
Glorieta	5,896'
Tubb	7,166'
Abo	7,804'
Wolfcamp	9,501'
Penn	10,123'
Seaman LS	11,014'
Strawn	11,948'
Atoka	12,230'
Morrow LS	12,693'
Austin Cycle	13,140'

5-1/2" nickel plated packer @ 5,774' w/ 2-7/8" plastic coated tbg  
San Andres Perfs: 5,808'-5,818'

CIBP w/ 35' cmt @ 9,800'  
Wolfcamp Perfs: 9,849'-9,870'

CIBP w/ 35' cmt @ 10,370'  
Penn Perfs: 10,415'-10,470'  
Penn Perfs: 10,756'-10,778'  
Seaman LS Perfs: 11,052'-11,106'

CIBP w/ 35' cmt @ 12,560'  
Atoka Perfs: 12,604'-12,628'

**Not to Scale**  
3/24/15  
BAL