

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOil Coils.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

NM-24160 Nm 90807

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

TUESDAY FEDERAL #1

9. API Well No.

30-015-25123

10. Field and Pool, or Exploratory Area

PARKWAY BONE SPRING

11. County or Parish, State

EDDY CO., NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Well failed a scheduled MIT as pressure would leak off slowly.

10/29-31/03 RU. Release pkr and POOH. Found hole in XO between Model R pkr and 2 7/8" hydril tbg. Ran redressed pkr and pressure test failed again. POOH and hydrotested tbg in hole. Found one hole in tbg. Pumped packer fluid and set pkr at 6481'. Pressure test annulus to 540psi - held with no leak off. Well TA'd with packer and tubing in hole and annulus inhibited with packer fluid.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

HERB THACKERAY

Title OPERATIONS ENGINEER

Signature



Date 11/5/03

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by (Signature)

(ORIGINAL) JOE G. LARA

Name

(Printed/Typed)

Title

Petroleum Engineer

Office

CFO

Date

12/2/03

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)



## MEMO

**DATE:** November 6, 2003  
**TO:** BLM / NMOCD  
**FROM:** Herb Thackeray  
**RE:** Tuesday Federal #1 UL: M Sec. 34-T19S-R29E

This well has a long history and the files are not particularly good so I thought it would be a good idea to try to summarize for clarification.

To the best of my knowledge it was drilled by Conoco in 1985 and initially completed in the Lower Morrow. Subsequent production tested zones were the Upper Morrow, Cisco, Wolfcamp and Bone Spring.

Siete Oil & Gas converted it to SWD to handle produced water from their nearby leases. When the Parkway Delaware Unit (PDU) was formed in 1993 they used their produced water for the waterflood rather than disposing of it in Tuesday Federal #1. The last Sundry Notice they submitted (11/93) was to convert it to a water source well for the PDU by flowing it back. According to my pumper who was with Siete at that time, it flowed a day or two and died.

St. Mary Land & Exploration bought Siete O&G's properties in 1996. (Nance Petroleum and Roswell LLC are both subsidiaries of St. Mary.) Recently the NMOCD inspector wrote it up for a faded well sign and an inactive wellbore. I fixed the sign and proposed we run a mechanical integrity test as it still had a packer and tubing in the hole. There is some question over who has jurisdiction over this well as we always considered it a SWD well but according to the paper trail it was technically last a WSW.

It failed the initial MIT but passed the subsequent one after a repair of the injection equipment. We are requesting TA status for the well as the packer and inhibited annulus will protect the casing as effectively as a CIBP and not have to be drilled out to re-activate the well. The well does have possible future utility to us as a SWD well. We have a prospect to drill next year in Sec. 33 and depending on how much water it makes might want to dispose of it in the Tuesday. It would also make a good back up disposal well should we have a problem with our injection facility at PDU. Being able to dispose of our produced water would keep us from interrupting 1200+ BOPD production. I talked to Will Jones of the Santa Fe NMOCD and he indicated the permit has expired but would just require a new C-108 application to convert to injection again.

A handwritten signature in black ink, appearing to be "Herb Thackeray".