

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: November 30, 2000

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. TSAH TAH 33 #3
2. Name of Operator ROSETTA RESOURCES	9. API Well No. 30-045-33673
3a. Address c/o Walsh Engineering & Production Corp. 7415 East Main St. Farmington, NM 87402	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
3b. Phone No. (include area code) (505) 327-4892	11. County or Parish, State San Juan, New Mexico
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1304' FSL & 1330' FWL SEC 33 T25N R10W	

**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 checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input 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 type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated 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.)

02/01/07 Rosetta Resources Fraced the above well per the attached report.

RCVD FEB 22 '07


OIL CONS. DIV.

DIST. 3

ACCEPTED FOR RECORD

FEB 20 2007

FARMER CONSERVATION SERVICE  
T. Saliers

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Gwen Brozzo	Title Production Tech.
Signature 	Date February 13, 2007

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

Approved by	Title	Date
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 operation thereon.	Office	

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

NMOCB

**FRACTURE TREATMENT REPORT**

Operator: Rosetta Resources Well Name: Tsah Tah 33 #3  
Date: 1-Feb-07  
Field: Basin Fruitland Coal Location: 32/25N/10W County: San Juan State: NM  
Stimulation Company: Blue Jet & Key PPS Supervisor: Paul Thompson

Stage #: 1/1 Fruitland Coal

Sand on location: Design: 55,000# Weight ticket: 55,020 Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 3 Strap: 20' Amount: 1200 Usable: 1080 bbls

**Perforations:**

Depth: 1441-43, 1491-94, 1499, 1510 Total Holes: 72 PBDT: 1876' KB  
1520, 1530, 1537-38, 1644-57 Loggers TD  
Shots per foot: 3 EHD: 0.34"

**Breakdown:**

Acid: 500 gal of 7-1/2% HCl

Balls: None

Pressure: 676 psi

Rate: 4.6 BPM

Formation broke at 1050 psi.  
No obvious benefit from the acid.

**Stimulation:**

ATP: 800 psi

AIR: 12.0 BPM

MTP: 1050 psi

MIR: 12.7 BPM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 590	pad	973	12.3	1529
5 min: 431	0.5 ppg	925	12.0	1517
10 min: 357	1 ppg	834	12.1	1461
15 min: 280	2 ppg	752	12.0	1399
	3 ppg	688	12.2	1359
	4 ppg	686	12.0	1390
	5 ppg	708	12.1	1399

Job Complete at: 1600 hrs.

Date: 2/1/2007

Start flow back: SI

Total Fluid Pumped: 641 bbls

Total Sand Pumped: 55,000#

Total Sand on Formation: 55,000#

Total Nitrogen Pumped: None

**Notes:**

All frac fluid was produced water with biocide and contained 20#/1000 gal guar gel, borate crosslinker, surfactant, mutual solvent, enzyme and oxidizer breakers. Shortened the pad and early stages due to a slightly declining Nolte plot. The Nolte plot was relatively flat throughout the job. Flushed the sand to 1441' with 22.9 bbls of water. The frac gradient based on the ISIP was 0.82 psi/ft.