

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.

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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 #4
2. Name of Operator ROSETTA RESOURCES	9. API Well No. 30-045-33578
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) 1827' FSL & 1493' FEL SEC 33 T25N R10W	

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

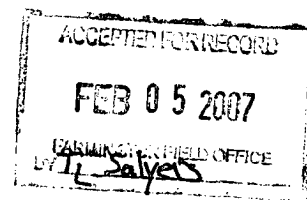
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 recomplete 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 recompletion 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.)

01/16/07 Rosetta Resources has fraced the above well per the attached treatment report.

RCVD FEB7'07
OIL CONS. DIV.

DIST. 3



14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Gwen Brozzo	Title Production Tech.
Signature 	Date January 25, 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.

MMOCDD

FRACTURE TREATMENT REPORT

Operator: Rosetta Resources Well Name: Tsah Tah 33 #4
Date: 16-Jan-07
Field: Basin Fruitland Coal Location: 33/25N/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: 55,100 Size/type: 20/40 Brady

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

Perforations:
Depth: 1412', 1430', 1462', 1506', 1537' Total Holes: 60 PBTD: 1880' KB
1576' - 78, 1660 - 72
Shots per foot: 3 EHD: 0.34"

Breakdown:
Acid: 500 gal of 7-1/2% HCl
Balls: None
Pressure: 600 psi Rate: 4.0 BPM
Formation broke at 1447 psi

Stimulation:
ATP: 1000 psi AIR: 12 BPM
MTP: 1448 psi MIR: 14.5 BPM

ISIP: 750
5 min: 542
10 min: 480
15 min: 362

Sand Stage	Pressure	Rate	BHTP
pad	1203	13.0	1711
0.5 ppg	1224	13.3	1735
1 ppg	1350	14.7	1926
2 ppg	931	11.9	1638
3 ppg	907	11.9	1547
4 ppg	779	10.7	1487
5 ppg	812	10.7	1522

Job Complete at: 1030 hrs. Date: 1/16/2007 Start flow back: Si
Total Fluid Pumped: 893 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. The Nolte plot was positive during the pad and through the 1 ppg stage, declined until the 5 ppg stage, then increased again. Flushed the sand to 1410' with 22.0 bbls of water. The frac gradient based on the ISIP was 0.84 psi/ft.