

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RCVD DEC 12 '06
OIL CONS. DIV.
DIST. 3

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 35 #1
2. Name of Operator ROSETTA RESOURCES		9. API Well No. 30-045-33766
3a. Address c/o Walsh Engineering & Production Corp. 7415 East Main St. Farmington, NM 87402	3b. Phone No. (include area code) (505) 327-4892	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1350' FNL & 1200' FEL SEC 35 T25N R10W		11. County or Parish, State San Juan, New Mexico

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.)

Rosetta Resources fraced the Tсах Tah 35#1 on the 11/28/06 per the attached treatment reports.

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Paul C. Thompson, P.E.	Title Engineer / Agent
Signature <i>Paul C. Thompson</i>	Date December 05, 2006

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.S.C. 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.

ACCEPTED FOR RECORD

DEC 08 2006

NMOCD

FARMINGTON FIELD OFFICE

FRACTURE TREATMENT REPORT

Operator: Rosetta Resources **Well Name:** Tsah Tah 35 #1
Date: 28-Nov-06
Field: Basin Fruitland Coal **Location:** 35/25N/10W **County:** San Juan **State:** NM
Stimulation Company: Blue Jet & Key PPS **Supervisor:** Paul Thompson

Stage #: 1/1 **Fruitland Coal**

Sand on location: **Design:** 2,500# & 55,000# **Weight ticket:** 3,660# & 55,600# **Size/type:** 40/70 Arizona & 20/40 Brady

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

Perforations:

Depth: 1492, 1544, 1671 - 1683 **Total Holes:** 42 **PBTD:** 1865' KB
Shots per foot: 3 **EHD:** 0.34"

Breakdown:

Acid: 500 gal of 7-1/2% HCl
Balls: None
Pressure: 1000 psi **Rate:** 3.5 BPM
Formation broke at 1487 psi

Stimulation:

ATP: 1250 psi **AIR:** 16.5 BPM
MTP: 1850 psi **MIR:** 20 BPM

			Sand Stage	Pressure	Rate	BHTP
ISIP:	700	40/70	pad	1700	19.5	2200
5 min:	548		0.5 ppg	1800	19.6	2321
10 min:	440		1 ppg	1425	16.8	2104
15 min:	355		2 ppg	1173	14.5	1927
			3 ppg	1185	14.4	1819
			4 ppg	1074	14.5	1795
			5 ppg	1035	14.4	1788

Job Complete at: 1140 hrs. **Date:** 11/28/2006 **Start flow back:** 1330 hrs
Total Fluid Pumped: 962 bbls well was flowing slightly to the pit.
Total Sand Pumped: 3,600# & 55,000# **Total Sand on Formation:** 58,600
Total Nitrogen Pumped: None

Notes:

All frac fluid was a mixture of fresh and produced water with biocide and contained 20#/1000 gal guar gel, borate crosslinker, surfactant, enzyme and encapsulated breakers. All sand was tagged with Ir 192. The Nolte plot was positive during the pad, negative through the 3 ppg stage, then relatively flat for the rest of the job. Lowered the injection rate during the 1 and 2 ppg stages due to the declining Nolte plot. Flushed the sand to 1571' with 25 bbls of water. The frac gradient based on the ISIP was 0.81 psi/ft.