

Submit 3 Copies To Appropriate District
Office:
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103

May 27, 2004

WELL API NO. 30-045-33942	ROVD JAN 1 2007 OIL CON. DIV.
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	

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.)		7. Lease Name or Unit Agreement Name TSAH TAH SWD
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD <input type="checkbox"/>		8. Well Number 36
2. Name of Operator ROSETTA RESOURCES		9. OGRID Number 239235
3. Address of Operator C/O Thompson Engineering & Prod. Corp. 7415 East Main Street, Farmington, NM 87402		10. Pool name or Wildcat BASIN FRUITLAND COAL
4. Well Location Unit Letter F : 1800' feet from the NORTH line and 1360' feet from the WEST line Section 36 Township 25N Range 10W NMPM County San Juan		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6745' GL		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type	Depth to Groundwater	Distance from nearest fresh water well
Pit Liner Thickness:	Below-Grade Tank: Volume	Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Frac Report

☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Rosetta Resources has fraced the Tsah Tah SWD #36 on 12/21/06 per the attached report.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE Production Clerk DATE 1/16/07

Type or print name: Gwen Brozzo E-mail address: gwen@walsheng.net Telephone No. 505-327-4892

For State Use Only

APPROVED BY:  TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 8 DATE JAN 18 2007

Conditions of Approval (if any):



FRACTURE TREATMENT REPORT

Operator: Rosetta Resources Well Name: Tsah Tah SWD #36
Date: 21-Dec-06
Field: Blanco Mesa Verde Location: 36/25N/10W County: San Juan State: NM
Stimulation Company: Blue Jet & Key PPS Supervisor: Paul Thompson

Stage #: 1/1 Point Lookout

Sand on location: Design: 100,000# Weight ticket: 100,880# Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 10 Strap: 20' Amount: 4000 Usable: 3,600

Perforations:

Depth: 4197 - 4381 Total Holes: 39 PBTD: 4446' KB
Shots per foot: 1 EHD: 0.34"

Breakdown:

Acid: 1000 gal of 15% HCl
Balls: 80 7/8" 1.3 sp.gr. The formation broke at 2500 psi
Recovered 80 balls with 26 hits
Pressure: 1093 Rate: 4.0 BPM

Stimulation:

ATP: 2450 psi AIR: 78 BPM
MTP: 3000 psi MIR: 82 PM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 1130	pad	2802	76.8	
5 min: 1083	0.5 ppg	2400	76.5	
10 min: 1046	1 ppg	2458	60.2	
15 min: 1018	1.5 ppg	2280	81.7	
	2 ppg	2350	82.0	

Job Complete at: 1445 hrs. Date: 12/21/2006 Start flow back: 1500 hrs w/ 1000 psi
Total Fluid Pumped: 2271 ls pressure dropped to 780#
Total Sand Pumped: 100,000# Total Sand on Formation: 100,000#
Total Nitrogen Pumped:

Notes:

All frac fluid was produced water with biocide, surfactants, and 0.8 gal FR/1000 gal. Key kept losing prime while pumping the acid so some of the balls hit early. Good ball action and a complete ball off. Recovered 80 balls with 26 hits. Pressure did not go to a vacuum after the job as expected, however it was determined after the 15 min SI period that one of the pump trucks was still in gear and pumping. Left the well SI.