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.
30-045-33754

5. Indicate Type of Lease
STATE ☒ FEE ☐

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

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number 32 #1

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 G : 1685' feet from the North line and 1435' feet from the East line
Section 32 Township 25N Range 10W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6759' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type **Depth to Groundwater** **Distance from nearest fresh water well** **Distance from nearest surface water**

Pit Liner Thickness: **mil** **Below-Grade Tank: Volume** **bbls;** **Construction Material**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER:	☒

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.

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

RCVD FEB21'07
OIL CONS. DIV.
DIST. 3

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 Paul C. Thompson TITLE Agent / Engineer DATE 02/14/07

Type or print name Paul C. Thompson, P.E. E-mail address: paul@walsheng.net Telephone No. 505-327-4892

For State Use Only

APPROVED BY: A. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE FEB 21 2007

Conditions of Approval (if any):

WALSH ENGINEERING & PRODUCTION CORPORATION

FRACTURE TREATMENT REPORT

Operator: Rosetta Resources **Well Name:** Tsah Tah 32 #1
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:** 55,560 **Size/type:** 20/40 Brady

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

Perforations:
Depth: 1570' - 1581' **Total Holes:** 33 **PBTD:** 1858' KB Loggers TD
Shots per foot: 3 **EHD:** 0.34"

Breakdown:
Acid: 500 gal of 7-1/2% HCl
Balls: None
No obvious break
No benefit from the acid
Pressure: 542 psi **Rate:** 4.0 BPM

Stimulation:
ATP: 800 psi **AIR:** 11.8 BPM
MTP: 1000 psi **MIR:** 14.6 BPM

Sand Stage	Pressure	Rate	BHTP
pad	1011	12.2	1645
0.5 ppg	959	11.4	1616
1 ppg	822	11.6	1575
2 ppg	770	12.3	1470
3 ppg	720	11.7	1452
4 ppg	721	11.6	1481
5 ppg	900	11.6	1629

ISIP: 482
5 min: 422
10 min: 426
15 min: 354

RCVD FEB21'07
OIL CONS. DIV.
DIST. 3

Job Complete at: 1110 hrs. **Date:** 2/1/2007 **Start flow back:** SI
Total Fluid Pumped: 738 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 started to decline about half way through the pad and continued to decline through the 3 ppg stage. The Nolte plot was positive during the 4 and 5 ppg stages. The frac gradient based on the ISIP was 0.74 psi/ft.