

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFOR APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other _____

2. Name of Operator

ROSETTA RESOURCES

3. Address C/O WALSH ENGINEERING & PRODUCTION CORP.

3a. Phone No. (include area code)

7415 EAST MAIN ST., FARMINGTON, NM 87402

(505) 327-4892

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 1945' FNL & 1690' FWL

5. Lease Serial No.

NMNM-112957

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

TSAH TAH 33#2

9. API Well No.

30-045-33672

10. Field and Pool, or Exploratory

BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area

SEC 33 T25N R10W

12. County or Parish

SAN JUAN

13. State

NM

14. Date Spudded

6/6/2006

15. Date T.D. Reached

6/9/2006

16. Date Completed

☐ D&A☒ Ready to Prod.

11/29/2006

17. Elevations (DF, RKB, RT, GL)*

6782' GL

18. Total Depth: MD

1903'

19. Plug Back T.D.: MD

1859'

20. Depth Bridge Plug Set: MD

TVD

NONE

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GAMMA RAY/NEUTRON LOG

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cement Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|---------------|-------------|----------|-------------|--------------------|-----------------------------|-------------------|-------------|---------------|
| 8 3/4" | 7" / ST&C | 23# | SURFACE | 124' | NONE | 65 SX (77 CU. FT.) | 14.0 | SURFACE | |
| 6 1/4" | 4 1/2" / LT&C | 11.6# | SURFACE | 1881' | NONE | 150 SX (309 CU. FT.) | 55.0 | | |
| | | | | | | 75 SX (89 CU. FT.) | 16.0 | SURFACE | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-3/8" | 1697' | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------------|-------|--------|---------------------|------|-----------|--------------|
| A) BASIN FRUITLAND COAL | 1432' | 1650' | 1432' 1637' - 1650' | 34" | 42 | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 1432' - 1650' | 797 bbls 20#/ 1000 gal crosslinked gel, 2800# 40/70 ARIZONA SAND. 55.000# 20/40 BRADY SAND |
| | |
| | |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | 11/29/2006 | | → | | | | | | FLOWING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. 40 psi | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

DEC 22 2006

NMOCD B

FARMINGTON FIELD OFFICE

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SHUTIN, WAITING ON PIPELINE CONNECTION

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|-----------|-----|--------|------------------------------|--|------------------------|
| | | | | OJO ALAMO FRUITLAND COAL PICTURED CLIFFS | 650' 1430' 1672' |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

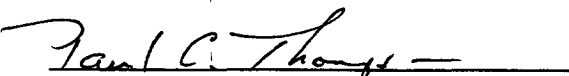
- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
 5. Sundry Notices for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Paul C. Thompson

Title Engineer / Agent

Signature



Date 12/19/2006

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