

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NMNM - 62970

1a Type of Well ☐ Oil ☒ Gas ☐ Dry Other
b Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

Bureau of Land Management
Farmington Field Office

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator

Rosetta Resources c/o Walsh Engineering

3 Address

7415 E. Main St. Farmington, NM 87402

3a Phone No. (include area code)

(505) 327-4892

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

At surface

1400' FSL and 1400' FEL, Section 4, T24N, R10W

At top prod interval reported below

At total depth

8. Lease Name and Well No.

Tsah Tah 4 #4

9. API Well No

30-045-34673-0001

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. Sec., T., R., M., or Block and

Survey or Area Sec 4, T24N, R10W

12. County or Parish

San Juan

13 State

NM

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

6897' GL 6902' KB

14 Date Spudded

04/28/08

15. Date T.D. Reached

05/01/08

16 Date Completed

☐ D & A ☒ Ready to Prod.
05/27/08

18 Total Depth. MD

1900'

TVD 1900'

19. Plug Back T.D. MD

1877'

TVD 1877'

20 Depth Bridge Plug Set MD

TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
Cased hole neutron/GR/CCI

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

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", J-55	20#	0	129'		35 sx (41 cuft)	7.3	Surface	Circ 1 bbl
6-1/4"	4-1/2", J	10.5#	0	1897'		150 sx (309 cuft) 75 sx (89 cuft)	55.1 15.9	Surface	Circ 20 bbls

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	1723'							

25 Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	1385'	1660'	1385', 1411', 1433', 1434', 1447', 1564', 1647' - 1660'	0.50	57	open
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and type of Material
1385' - 1660'	500 gal 7-1/2% HCl, 845 bbls X-linked gel w/ 5,000# 40/70 & 60,000# 20/40

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
05/27/08			→						Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	0	0	→			80			

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	Oil Gravity Corr. API	Well Status	
			→						

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

NMOCD

ACCEPTED FOR RECORD

JUN 09 2008

FARMINGTON FIELD OFFICE
BY T. Salves

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.)

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	880'				
Kirtland	940'				
Fruitland	1327'				
Pictured Cliffs	1666'				

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 Notice for plugging and cement verification | 5. Core Analysis | 7. Otl | |

36. 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, P.E. Title AgentSignature  Date 6/5/2008

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.