

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

DIST. 3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other _____ b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____						5. Lease Serial No. NMNM-112957			
2. Name of Operator ROSETTA RESOURCES C/O WALSH ENGINEERING & PRODUCTION CORP.						6. If Indian, Allottee or Tribe Name 			
3. Address 7415 EAST MAIN ST., FARMINGTON, NM 87402				3a. Phone No. (include area code) (505) 327-4892		7. Unit or CA Agreement Name and No. 			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1383' FSL & 1411' FEL						8. Lease Name and Well No. TSAH TAH 34#4			
14. Date Spudded 6/20/2006						15. Date T.D. Reached 6/22/2006		16. Date Completed ☐ D&A ☒ Ready to Prod. 11/18/2006	
17. Elevations (DF, RKB, RT, GL)* 6748' GL						10. Field and Pool, or Exploratory BASIN FRUITLAND COAL			
11. Sec., T., R., M., on Block and Survey or Area SEC 34 T25N R10W						12. County or Parish SAN JUAN		13. State NM	
18. Total Depth: MD 1905'		19. Plug Back T.D.: MD 1872'		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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" / ST&C	23#	SURFACE	125'	NONE	65 SX (77 CU. FT.)	14.0	SURFACE	
6 1/4"	4 1/2" / LT&C	11.6#	SURFACE	1886'	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"	1695'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) BASIN FRUITLAND COAL		1392'	1532'	1392', 1453', 1501', & 1532'		.34"	4		
B)		1641'	1654'	1641'-1654'		.34"	39		
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
1392' - 1654'		860 bbls 20#/ 1000 gal crosslinked gel, 2500# 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
	11/18/2006		→						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)

8

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 KIRTLAND SHALE FRUITLAND MAIN FRUITLAND COAL PICTURED CLIFFS	650' 1000' 1335' 1641' 1665'

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. ThompsonTitle Engineer / Agent

Signature

Date 11/28/2006

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.