

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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-105  
Revised March 25, 1999

WELL API NO.

**30-045-30826**

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

**Calpine Natural Gas Company, L.P.**

7. Lease Name or Unit Agreement Name

**Riverine**

3. Address of Operator

**1200 17<sup>th</sup> Street, Suite 770  
Denver, Colorado**

8. Well No.

**#3**

9. Pool name or Wildcat

**Basin Fruitland Coal**

4. Well Location

Unit Letter **P** : **660** Feet From The **South** Line and **760** Feet From The **East** Line

Section **11** Township **29 N** Range **13 W** NMPM **San Juan** County

10. Date Spudded

**6/18/02**

11. Date T.D. Reached

**6/21/02**

12. Date Compl. (Ready to Prod.)

**7/23/02**

13. Elevations (DF& RKB, RT, GR, etc.)

**5329 GL**

14. Elev. Casinghead

**5331 GL**

15. Total Depth

**1400'**

16. Plug Back T.D.

**1371'**

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

**O to TD**

19. Producing Interval(s), of this completion - Top, Bottom, Name

**1175-1194 - Fruitland Coal**

20. Was Directional Survey Made

**YES**

21. Type Electric and Other Logs Run

**Spectral Density, Dual Spaced Neutron, High Resolution Induction**

21. Was Well Cored

**NO**

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20	124	8 3/4"	45 sx.(52 cf) Class B	
4 1/2"	10.5	1394	6 1/4"	85 sx (175 cf) Econo	
				-Lite plus 75 sx (89	
				cf) Class B	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1175	

25. **TUBING RECORD**

26. Perforation record (interval, size, and number)

**1175-1195 .45" holes 3 SPF 57 holes**

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>1175-1195</b>	<b>Fraced with 5000# 40/70 sand and 50000#</b>
	<b>20/40 Sand in 20# X-linked Borate gel</b>

28. **PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>No Flow</b>			Well Status (Prod. or Shut-in) <b>Shut In</b>		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<b>8/15/02</b>				<b>0</b>	<b>0</b>	<b>0</b>	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
<b>0</b>	<b>130# SI</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**Shut in - Waiting on paperwork**

Test Witnessed By  
**Paul Thompson**

30. List Attachments

**Previously submitted copies of all logs and drilling survey.**

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature 

Printed Name **Hugo Cartava**

Title **Production Manager**

Date **8/30/02**

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

T. Anhy_____	T. Canyon_____
T. Salt_____	T. Strawn_____
B. Salt_____	T. Atoka_____
T. Yates_____	T. Miss_____
T. 7 Rivers_____	T. Devonian_____
T. Queen_____	T. Silurian_____
T. Grayburg_____	T. Montoya_____
T. San Andres_____	T. Simpson_____
T. Glorieta_____	T. McKee_____
T. Paddock_____	T. Ellenburger_____
T. Blinebry_____	T. Gr. Wash_____
T. Tubb_____	T. Delaware Sand_____
T. Drinkard_____	T. Bone Springs_____
T. Abo_____	T. _____
T. Wolfcamp_____	T. _____
T. Penn_____	T. _____
T. Cisco (Bough C)	T. _____

## Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland <b>922</b> _____	T. Penn. "C" _____
T. Pictured Cliffs <b>1200</b> _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzite _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

### **OIL OR GAS SANDS OR ZONES**

No. 1, from **Approx. 1172** to **1200** No. 3, from ..... to .....  
No. 2, from ..... to ..... No. 4, from ..... to .....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology