

RECEIVED

SUBMIT IN DUPLICATE*

(See other in-

structions on
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

703 FEB -5 AM 11:20

070 Farmington, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☐ GAS WELL ☒ DRY ☐

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

Calpine Natural Gas Company, L.P.

3. ADDRESS AND TELEPHONE NO.

1200 17th St. Suite 770, Denver Colorado 80202

720-359-9144

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

805' FNL & 935' FEL

At top prod. Interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

11/1/2002

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

11/19/02

16. DATE T.D. REACHED

11/22/02

17. DATE COMPL. (Ready to prod.)

01/14/03

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5662' GL

19. ELEV. CASINGHEAD

5665

20. TOTAL DEPTH, MD & TVD

1380 MD

1380 TVD

21. PLUG, BACK T.D., MD & TVD

TD

1354 MD

1354 TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Twin Mounds Pictured Cliffs

25. WAS DIRECTIONAL

SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Spectral Density, Dual Spaced Neutron, High Resolution Induction

27. WAS WELL CORED

NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7" J-55 ST&C	20	130	8 3/4"	50 sx Class B to surface	
4 1/2" J-55 ST&C	10.5	1376	6 1/4"	115 sx Econolite plus 50 sx.	
				Class B to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1273	

31. PERFORMANCE RECORD (Interval, size and number)

INTERVAL
1224-1234

SIZE
0.38

NUMBER
33

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1224-1234	Fraced with 50,000# 20/40 sd

33.*

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
1/22/2003		Pumping 2" x 1 1/2" X 10 Top Hold down pump				Producing Water	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD.N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
1/22/2003	0		→	0	0	170	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
0	110	→	0	0	170		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Production Manager

FEB 17 2003

DATE

2/3/2003

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any persn 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 mater within its jurisdiction.

NMOCD

37. SUMMARY OF POROUS ZONES: (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);					38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo		Surface	161		Top Fruitland	732	732	732
Kirtland		732	732		Upper Fruitland Coals	1112	1112	1112
Top Fruitland		1112	1112		Lower Fruitland Coal	1205	1205	1205
Upper Fruitland Coals		1205	1205		Pictured Cliffs	1218	1218	1218
Lower Fruitland Coal		1218	1218					
Pictured Cliffs		1380						
TD								