

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WORK

OIL
WELL ☐

GAS
WELL ☒

DRY ☐

1b. TYPE OF WELL

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR. ☐

2. NAME OF OPERATOR

Calpine Natural Gas Company

3. ADDRESS AND TELEPHONE NO.

c/o Walsh Engineering, 7415 E. Main St, Farmington, NM 87402 (505) 327-4892

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

At Surface

1125' F-N Land 1580' F-L

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

10/24/63

16. DATE T.D. REACHED

11/6/63

17. DATE COMPL. (Ready to prod.)

NA

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

5509' GR

19. ELEV. CASINGHEAD

5509' GR

20. TOTAL DEPTH, MD & TVD

6245'

MD

TVD

0

MD

TVD

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

TD

MD

TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS

DRILLED BY

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ROTARY TOOLS

0 - 6245'

CABLE TOOLS

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

Injection into Point Lookout

25. WAS DIRECTIONAL

SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCI

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
8-5/8" J-55	24#	323'	12- 1/4	200 Surface	
4-1/2"	10.5#	6245'	7-7/8"	Surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3800'	3800'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
3830' - 3900'	0.34	140

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3830' - 3900'	1000 gal 15% HCl

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
None		

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
Injection Well							
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	WATER--OIL GRAVITY API (CORR.)	

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

TEST WITNESSED BY
FEB 03 2004

35. LIST OF ATTACHMENTS

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

SIGNED

Paul C. Thompson

TITLE

Agent

DATE

1/28/2004

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

Title 18 U.S.C. Section 1001, makes 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.

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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Kirtland	Surface		Shale
Fruitland	1120'		Sand, shale, coal
Pictured Cliffs	1380'		Sand, shale
Lewis	1620'		Shale
Cliff House	2915'		Sand, shale
Point Lookout	3825'		Sand, shale, coal
Mancos	4185'		
Dakota	5975'		

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH