

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO
NM-26357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO

Morton #1

9. API WELL NO.

30-045-25506

10. FIELD AND POOL OR WILDCAT

Twin Mounds Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 23, 13UN, R14W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

1a. TYPE OF WORK

1b. TYPE OF WELL

NEW WELL ☐

WORK OVER ☒

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☒

Other

2. NAME OF OPERATOR

Calpine Natural Gas

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

1750' FNL and 1030' FEL

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
2/20/83

16. DATE T.D. REACHED
3/3/83

17. DATE COMPL. (Ready to prod.)
7/10/01

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5838' KB

19. ELEV. CASINGHEAD
5825'

20. TOTAL DEPTH, MD & TVD

6385' MD

TVD

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

TD

2256' K MD

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)*

1532' - 1546' KB Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

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	24	221	12-1/4"	Surface	124 cu.ft	
4-1/2	10.5	6384	7-7/8"	Surface	490 cuft + 1715 cuft	
				2 stage w/ DV tool at 4397' KB		

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1607' KB, SN - 1567' KB	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL **1532' - 1546'** SIZE **0.38** NUMBER **4 spf (58)**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1532' - 1546'	57,900# 20/40 Brady
	710 bbls 25# X-linked gel water
	1000 gal of 15% HCl

33.*

PRODUCTION

DATE FIRST PRODUCTION 7/12/01	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping	WELL STATUS (Producing or shut-in) Venting
DATE OF TEST 7/12/01	HOURS TESTED 24	CHOKE SIZE 2"
PROD'N. FOR TEST PERIOD →	OIL--BBL. 0	GAS--MCF. 50
WATER--BBL. 150	GAS--MCF. 50	WATER--BBL. 150
FLOW TUBING PRESS. 60 psig	CASING PRESSURE 150 psig	CALCULATED 24-HOUR RATE →
OIL--BBL. 0	GAS--MCF. 50	WATER--BBL. 150
OIL GRAVITY-API (CORR.)		

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

Vented

TEST WITNESSED BY

West Hahn

35. LIST OF ATTACHMENTS

GR/CCL log

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

SIGNED

TITLE **Agent**

DATE

7/16/01

*(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.

NMOC

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	1530	1610		Fruitland	862	
Cliff House	3042	3243		Pictured Cliffs	1530	
Point Lookout	4209	4298		Cliff House	3042	
Dakota	6134	6356		Point Lookout	4209	
				Gallup	5263	
				Greenhorn	6020	
				Dakota	6133	

38. GEOLOGIC MARKERS