

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other in-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 26357	
1b. TYPE OF WELL NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Calpine Natural Gas Limited Partnership		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 1200 17th St. Suite 770, Denver Colorado 80202 720-359-9144		8. FARM OR LEASE NAME, WELL NO. Morton #2	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) At Surface 1810' FSL & 1100' FEL At top prod. Interval reported below Same At total depth Same		9. API WELL NO. 30-045-25766	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	
DATE ISSUED		13. STATE NM	
15. DATE SPUDDED 07/18/83	16. DATE T.D. REACHED 07/25/83	17. DATE COMPL. (Ready to prod.) 05/29/03	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5716' KB
19. ELEV. CASINGHEAD 5704			
20. TOTAL DEPTH, MD & TVD 6250 MD 6250 TVD		21. PLUG, BACK T.D., MD & TVD TD 2690 MD 2690 TVD	22. IF MULTIPLE COMPL., HOW MANY* 2
23. INTERVALS DRILLED BY -----> 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Harper Hill FS/PC (1409-1412)	
25. WAS DIRECTIONAL SURVEY MADE YES		26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Density, Induction Electric Log	
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	26.24	216	12 1/4	141 CF Class B	
4 1/2" J-55 ST&C	11.6	6241	7 7/8	455 CF 50-50 Poz plus 1592 CF Class B	
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"	1464				
31. PERFORMANCE RECORD (Interval, size and number) INTERVAL 1409-1412 SIZE 0.34 NUMBER 6					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 1409-1412 AMOUNT AND KIND OF MATERIAL USED Frac'd w/ 17250# 20/40 & 253 BF					

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping 2" x 1 1/2" X 10 Top Hold down pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/2/2003	HOURS TESTED 24	CHOKE SIZE 0.625	PROD. FOR TEST PERIOD →	OIL--BBL. 0	GAS--MCF. 17	WATER--BBL. 35	GAS-OIL RATIO
FLOW. TUBING PRESS. 80	CASING PRESSURE 220	CALCULATED 24-HOUR RATE →	OIL-BBL.	GAS--MCF. 17	WATER--BBL. 35	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY Paul Thompson	
35. LIST OF ATTACHMENTS		ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		JUL 14 2003	
SIGNED <i>[Signature]</i>	TITLE Production Manager	7/1/2003	

*(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 within its jurisdiction.

NW000

✓

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								
Top Fruitland	Surface	925			Top Fruitland	925	925	925
Upper Fruitland Coals		1282			Upper Fruitland Coals	1282	1282	1282
Lower Fruitland Coal		1384			Lower Fruitland Coal	1384	1384	1384
Pictured Cliffs		1402			Pictured Cliffs	1402	1402	1402
TD		6250						

Well Name: Morton #2

Date:

6/23/2003

Operator: Calpine Natural Gas
Field: Basin FC & Harper Hills
Location: NESE Sec. 23-30N-14W
Footages: 1810' FSL & 1100' FEL
County: San Juan
State: New Mexico
API No.: 30-045-25766
Elevation : 5703 GL, 5716 KB

Spud Date: 7/18/1983

First Prod.:

IP:

Surface Hole: 12 1/4"

Surface Casing : 8 5/8" 24#

Set at : 216'

Cement: 141 CF Class B with 2 %
CaCl.

DV Tool : 4275'

Production Hole: 7 7/8"

Production Casing : 4 1/2" 155 jts. J-55 11.6#

Set at : 6241'

Cement: 1st Stage 455 CF 50-50
Poz, 2nd stage 1529 CF
Class B with 2 %
Econofill.

Upper Fruitland

4 SPF

Perfs: 1282-1290

Fraced with 5000# 40/70
sand plus 30,000# 20/40
sd. At 13 BPM. Total fluid

Stimulation : 512 bbls.

PC and Basal Fruitland

2 SPF

Perfs: 1384-1400

1409-1412

Fraced with 5000# 40/70
sand plus 70,000# 20/40
sd. At 15.2 BPM. Total

Stimulation : fluid 1102 bbls.

Tubing: 45 jts. 2 3/8" J-55
Set at: 1464'

SN: 1429'

Rods: 50 3/4" rods
and 2' pony rods
22' Polished Rod

Pump: 2" x 1/2" x 12' RWAC

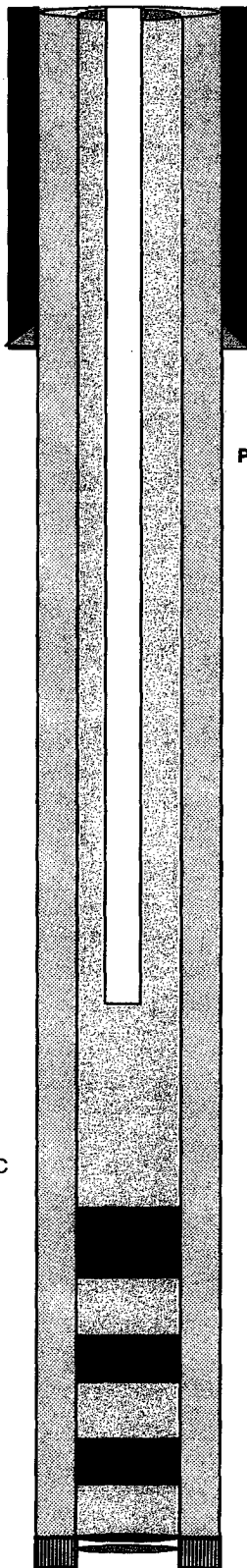
PBTD: 6182'

TD: 6250'

Spot 100 sx Across Mesa
Verde. TOC @ 2690'.

Spot 15 sx across Gallup
top

Spot 50 sx across Dakota
Perfs.



NMOCD