

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

2003 JAN -8

070 Farmington, NM

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Roosevelt #2

9. API Well No.

30-045-31222

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan County, New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil ☐ Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Calpine Natural Gas Company, L.P.

3. Address and Telephone No.

1200 17th St., Suite 770, Denver, CO 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1890' FSL & 825' FWL Sec. 22-30N-14W

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Calpine is proposing to complete the subject well into the Basin Fruitland Coal Gas and Harper Hill-FS/PC formations

The gas will be commingled downhole.

Attached is the proposed procedure to complete into the Harper Hill-FS/PC and Basin Fruitland Coal Gas formations



14. I hereby certify that the foregoing is true and correct

Signed Angie Cantor

Title OPERATIONS MANAGER

Date 01/03/03

(This space for Federal or State office use)

Approved by /s/ Jim Lovato

Title

Date JAN 15 2003

Conditions of approval, if any:

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.

*See Instructions on Reverse Side

NMOC

Recompletion Procedure for
Calpine Natural Gas Company
Roosevelt #2

Location: NWSE Sec 22 T30N R14W
San Juan County, NM

Date: January 4, 2003

Field: Harper Hill and Basin Fruitland Coal
Complete in PC and 2 Fruitland Coals
Surface: BLM
Minerals: BLM NM-20314

Elev: GL 5590'
KB 5595'
PBSD 4-1/2" @ 1279'

1. Set and fill 4 frac tanks with city water and heat to 80 degrees. Check anchors. MOL and RU completion rig. Hold safety meeting.
2. NU 2-3/8" relief line. RU wireline. Check PBSD.
3. Perforate 2 SPF (0.38" holes) from 1143' to 1146'. Total of 6 holes. Perforate 2 SPF (0.38" holes) from 1124' to 1135'. Total of 22 holes. Depths refer to the open-hole logs.
4. Rig up frac equipment and pressure test surface lines. Fracture with 75,000# of 20/40 Brady sand in a 25#/1000 gal cross-linked gel fluid.
5. RU wireline. RIH with perforating gun and flow through composite bridge plug run in tandem.
6. Set flow through composite bridge plug at 1070'. Perforate 4 SPF (0.38" holes) from 1025' to 1036'. Total of 44 holes. Depths refer to the open-hole logs.
7. Fracture with 35,000# of 20/40 Brady sand in a 25#/1000 gal cross-linked gel fluid.
8. Close BOPs. RD frac company and install flowline with 1/4" ceramic choke. Flow well back to pit overnight.
9. When well dies, TIH with bit on 2-3/8" EUE tubing and clean out and drill out bridge plug at 1225 with foam unit. Clean out to PBSD. POOH with tubing and lay down bit.
10. TIH with 1 tail joint, 1-4' perforated sub, Seating Nipple and 48 joints of 2 3/8" tubing. Land tubing. RIH with rods and pump. Put well on production. RD and release rig.

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31222	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code	⁵ Property Name ROOSEVELT	⁶ Well Number #2
⁷ OGRID No. 214274	⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.	⁹ Elevation 5590' GL

¹⁰ Surface Location

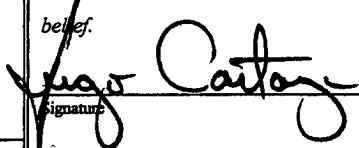
UL or lot no. L	Section 22	Township 30N	Range 14W	Lot Idn	Feet from the 1890'	North/South line SOUTH	Feet from the 825'	East/West line WEST	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Hugo Cartaya Printed Name Production Manager Title 1/3/03 Date
					¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>
					Date of Survey Signature and Seal of Professional Surveyor:
					Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁴ Property Code	⁵ Property Name ROOSEVELT	⁶ Well Number #2
⁷ OGRID No. 214274	⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.	⁹ Elevation 5590' GL

¹⁰ Surface Location

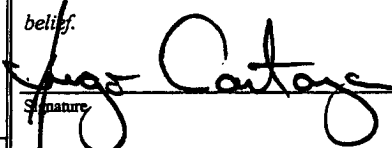
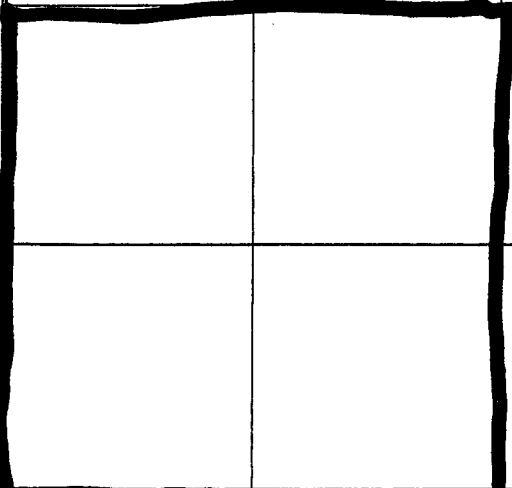
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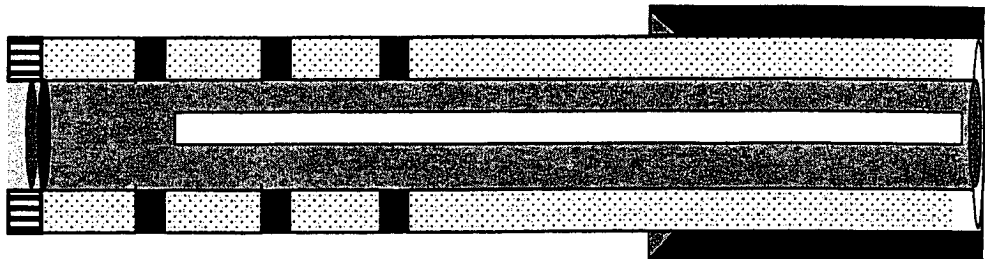


Roosevelt #2
Sec 22, Township 30N, Range 14W

Surface Location	1890' FSL & 825' FWL Sec 22 T30N R14W
Btm Hole Loc.	Same as Surface
Field	
County	San Juan
State	New Mexico
API No.	30-045-31222
Lease No.	NM 20314
G.L. Elevation	5590'

Surface Casing 130'
Cement 59 cu ft
7", 20#, ln 8 3/4" hole
Class B w/ 2% CaCl. Circulate to surface

Prod. Casing 0-1301
Cement 227 cu ft 59 cu ft
32 jts 4-1/2" 10.5# ln 6 1/4" hole
Class B with 2% merasillicate
Class B



PRTD 1,279'
TD 1,301'

SPF	Size	Shots
1025-1036	.38"	44
SPF	Size	Shots
1124-1135	.38"	22
SPF	Size	Shots
1143-1146	.38"	6