

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

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

070 Farmington, NM ~~NM 20214~~ NM 20314

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)

1880' FSL & 850' FEL Sec. 22-30N-14W

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 #3

9. API Well No.

30-045-31223

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan County, New Mexico

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, and give pertinent dates, 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 Yago Cantare

Title OPERATIONS MANAGER

Date 01/02/03

(This space for Federal or State official use)

Approved by W. M. Novato

Title _____

Date FEB - 4 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

NMOCD

Recompletion Procedure for
Calpine Natural Gas Company
Roosevelt #3

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

Date: January 3, 2003

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

Elev: GL 5646'
KB 5851'
PBSD 4-1/2" @ 1407'

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 1282' to 1285'. Total of 6 holes. Perforate 2 SPF (0.38" holes) from 1252' to 1264'. Total of 24 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 1225'. Perforate 4 SPF (0.38" holes) from 1145' to 1153'. Total of 32 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 30-045-31223	² Pool Code 78160	³ Pool Name HARPER HILL-FS/PC
⁴ Property Code	⁵ Property Name ROOSEVELT	⁶ Well Number #3
⁷ OGRID No. 214274	⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.	⁹ Elevation 5646' GL

¹⁰ Surface Location

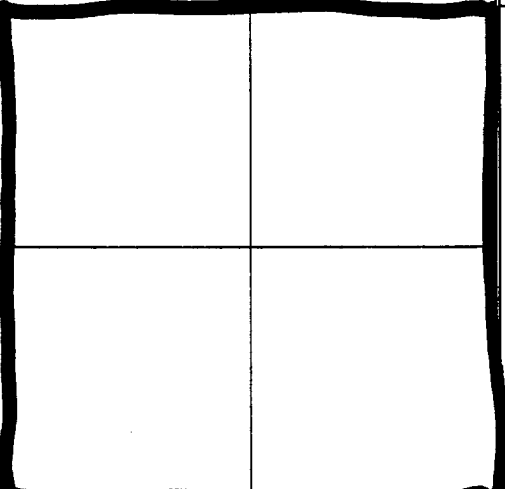

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	30N	14W		1880'	SOUTH	850'	EAST	San Juan

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

¹² Dedicated Acres 160	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

¹⁶ 	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 1/2/03 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	

District I
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31223		² Pool Code 71629		³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code		⁵ Property Name ROOSEVELT			⁶ Well Number #3
⁷ OGRID No. 214274		⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.			⁹ Elevation 5646' GL

¹⁰ Surface Location

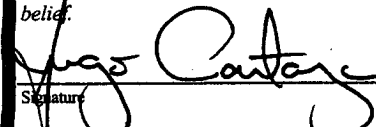
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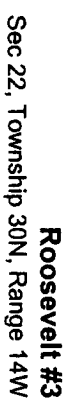
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					Date of Survey Signature and Seal of Professional Surveyor:
					Certificate Number



Surface Location		1880' FSL & 850' FEL Sec 22 T30N R14W	
Btm Hole Loc.		Same as Surface	
Field	Country	San Juan	
State	API No.	New Mexico	
Lease No.		30-045-31223	
G.L. Elevation		NM 20314	
		5646'	
Surface Casing	126'	7", 20#, in 8 3/4" hole	
Cement	59 cu ft	Class B w/ 2% CaCl. Circulate to surface	
Prod. Casing	0-1429	36 lbs 4-1/2" 10.5# in 6 1/4" hole	
Cement	247 cuft	Class B with 2% merastilicate	
	59 cuft	Class B	
SPF	Size	Shots	
1145-1153	4	.38"	32
SPF	Size	Shots	
1252-1264	2	.38"	24
SPF	Size	Shots	
1282-1285	2	.38"	6