

Submit 3 Copies To Appropriate District Office
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 and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO. 30-045-31222
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NM 20314
7. Lease Name or Unit Agreement Name: ROOSEVELT

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	8. Well No. #2
2. Name of Operator Calpine Natural Gas Company, L.P.	9. Pool name or Wildcat
3. Address of Operator 1200 17th Street, STE 770, Denver, CO 80202	
4. Well Location Unit Letter <u>L</u> : <u>1890</u> feet from the <u>South</u> line and <u>825</u> feet from the <u>West</u> line Section <u>22</u> Township <u>30N</u> Range <u>14W</u> NMPM County <u>San Juan</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5590 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Complete and downhole commingling <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. DNC1028AZ

Calpine is proposing to complete into the Harper Hill-FS/PC and Basin Fruitland Coal Gas formation. The formations will be commingled down hole.

Division Order : 11363

Names of Commingled Pools : Basin Fruitland Coal Gas (71629) and Harper Hill-FS/PC(78160)

Perforated Intervals: Harper Hill 1025-1036 (proposed) Basin Fruitland Coal 1124-1135 and 1025-1036 (proposed).

Allocation Method : We will submit historical averages of of production from Pictured Cliffs wells from surrounding sections and compare that with the historical average production of commingled Pictured Cliffs and Fruitland Coal production and propose an allocation formula based on the average differences.

Commingling of the two formations will not reduce the total value of the total remaining production.

Calpine has sent a sundry notice to the BLM of the proposed action.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Hugo Cartaya TITLE Production Manager DATE 1/3/03

Type or print name Hugo Cartaya Telephone No. (720) 946-1302
(This space for State use) DEPUTY OIL & GAS INSPECTOR, DIST. #3

APPROVED BY [Signature] TITLE [Signature] DATE JAN - 8 2003
Conditions of approval, if any:

**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

Elev: GL 5590'

KB 5595'

Surface: BLM

PBTD 4-1/2" @ 1279'

Minerals: BLM NM-20314

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 PBTD.
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 PBTD. 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

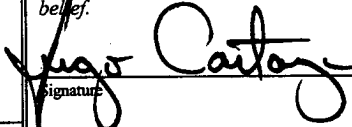
¹ API Number 30-045-31222	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code	⁵ Property Name ROOSEVELT	⁶ Well Number #2
⁷ OGRID No. 214274	⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.	⁹ Elevation 5590' GL

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

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 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Hugo Cartaya Printed Name Production Manager Title 1/3/03 Date
				¹⁸ SURVEYOR CERTIFICATION 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.
				Date of Survey Signature and Seal of Professional Surveyor:
				Certificate Number

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

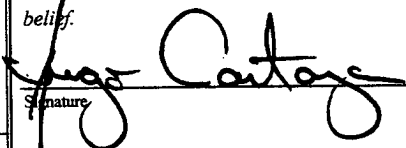
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31222	² Pool Code 78160	³ Pool Name HARPER HILL-FS/PC
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

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.

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 1/3/03 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			



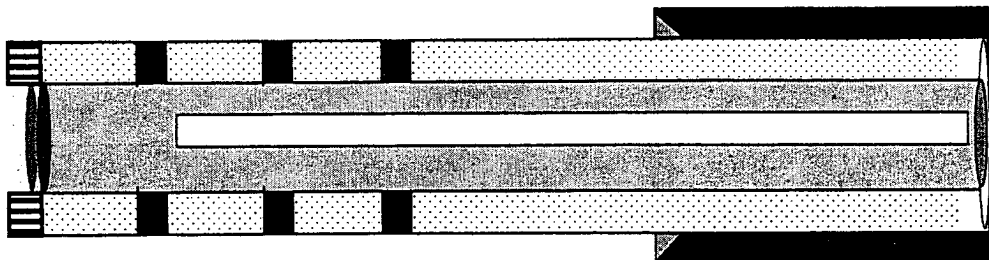
Roosevelt #2
Sec 22, Township 30N, Range 14W

Surface Location 1890' FSL & 825' FWL Sec 22 T30N R14W
Btm Hole Loc. *Same as Surface*

Field San Juan
County New Mexico
State 30-045-31222
API No. NM 20314
Lease No. 5590'
G.L. Elevation

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

Prod. Casing 0-1301
Cement 227 cuft
59 cuft
32 Jts 4-1/2" 10.5# in 6 1/4" hole
Class B with 2% mercaptate
Class B



SPF Size Shots
1025-1036 4 .38" 44

SPF Size Shots
1124-1135 2 .38" 22

SPF Size Shots
1143-1146 2 .38" 6

PRTD 1,279'
TD 1,301'