

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

Form C-103
Revised March 25, 1999

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

WELL API NO. 30-045-31223
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. #3
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 I : 1880 feet from the South line and 850 feet from the East line Section 22 Township 30N Range 14W NMPM County San Juan	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5646 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 commingle <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.

DNC 1029AZ
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 1282-1285 (proposed) Basin Fruitland Coal 1252-1264 and 1145-1153 (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 1/2/03

Type or print name Hugo Cartaya Telephone No. (720) 946-1302
(This space for State use)

APPROVED BY *[Signature]* TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN - 8 2003
Conditions of approval, if any:

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

Elev: GL 5646'

KB 5851'

Surface: BLM

PBTD 4-1/2" @ 1407'

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 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 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.

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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

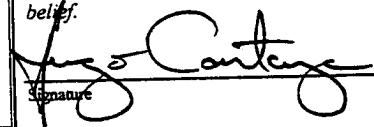
¹ API Number 30-045-31223	² Pool Code 78160	³ Pool Name HARPER HILL-FS/PC
⁴ Property Code	⁵ Property Name ROOSEVELT	⁶ Well Number #3
⁷ OGRID No. 214274	⁸ Operator Name CALPINE NATURAL GAS COMPANY, L.P.	⁹ Elevation 5646' GL

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

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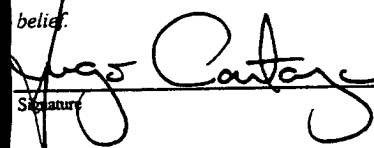
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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Roosevelt #3
Sec 22, Township 30N, Range 14W

Surface Location 1880' FSL & 850' FEL Sec 22 T30N R14W
Btm Hole Loc. Same as Surface

Field San Juan
County New Mexico
State NM
API No. 30-045-31223
Lease No. NM 20314
G.L. Elevation 5646'

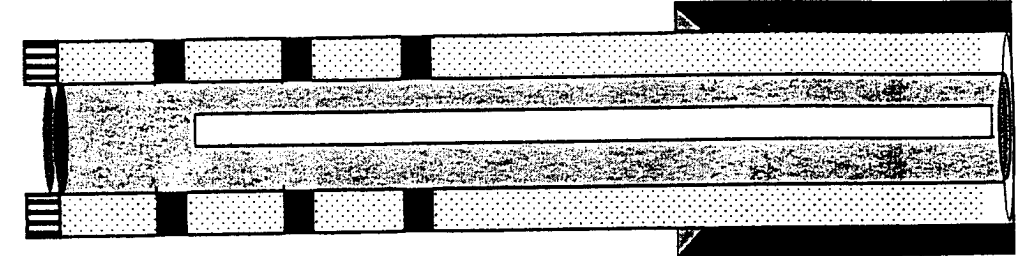
Surface Casing 126'
Cement 59 cu ft
7", 20#, In 8 3/4" hole
Class B w/ 2% CaCl. Circulate to surface

Prod. Casing 0-1429
Cement 247 cu ft 59 cu ft
36 Jts 4-1/2" 10.5# In 6 1/4" hole
Class B with 2% metasilicate
Class B

SPF	Size	Shots
1145-1153	.38"	32

SPF	Size	Shots
1252-1264	.38"	24

SPF	Size	Shots
1282-1285	.38"	6



PRTD 1,407'
TD 1,429'