

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO BOX 2088
Santa Fe, NM 87504-2088



Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Calpine Natural Gas 1200 17th Street, Suite 77C Denver, Colorado 80202		² OGRID Number 194807
⁴ Property Code 28113	⁵ Property Name Riverine	³ API Number 30 - 0 45-30826 ⁶ Well No. 3

⁷ Surface Location

UL or lot no. P	Section 11	Township 29N	Range 13W	Lot Idn	Feet from the 660	North/South Line South	Feet from the 760	East/West Line East	County San Juan
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⁸ Proposed 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
⁹ Proposed Pool 1 Basin Fruitland Coal Gas					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N -	¹² Well Type Code G -	¹³ Cable Rotary R	¹⁴ Lease Type Code P -	¹⁵ Ground Level Elevation 5329 -
¹⁶ Multiple N	¹⁷ Proposed Depth 1000 1400-	¹⁸ Formation Fruitland Coal	¹⁹ Contractor	²⁰ Spud Date October 15, 2001

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7"	23#	120'	31	Surface -
6-1/4"	4-1/2"	10.5#	1400' -	125	Surface -

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Calpine Natural Gas proposes to drill a vertical well with a 8 3/4" surface hole to approx. 120' with spud mud and set and cement to surface 7", 23# casing with 31 sx (19 cu.ft.) of CI "B" with additives. A double ram, 2000 psi rated BOP will be installed and pressure tested to 1500 psi. A 6-1/4" hole will be drilled using clear water, natural mud, and water loss control additives to approximately 1400'. New 4 1/2" 10.5# casing will be set and cemented to surface with 125 sx (144 cu.ft.) of CI "B" plus additives.

Tops: Fruitland @ 928; Pictured Cliffs @ 1183'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Hugo Cartaya*
Printed name: Hugo Cartaya
Title: Production Manager

Date: 09/05/01
Phone: (720) 946-1302

OIL CONSERVATION DIVISION

Approved by: *[Signature]*
Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date: SEP - 7 2001
Expiration Date: SEP - 7 2002

Conditions of Approval

Attached ☐ City of Farmington must approve

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
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Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30826		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 28113	*Property Name RIVERINE		*Well Number 3
*OGRID No. 194807	*Operator Name CALPINE NATURAL GAS COMPANY		*Elevation 5329'

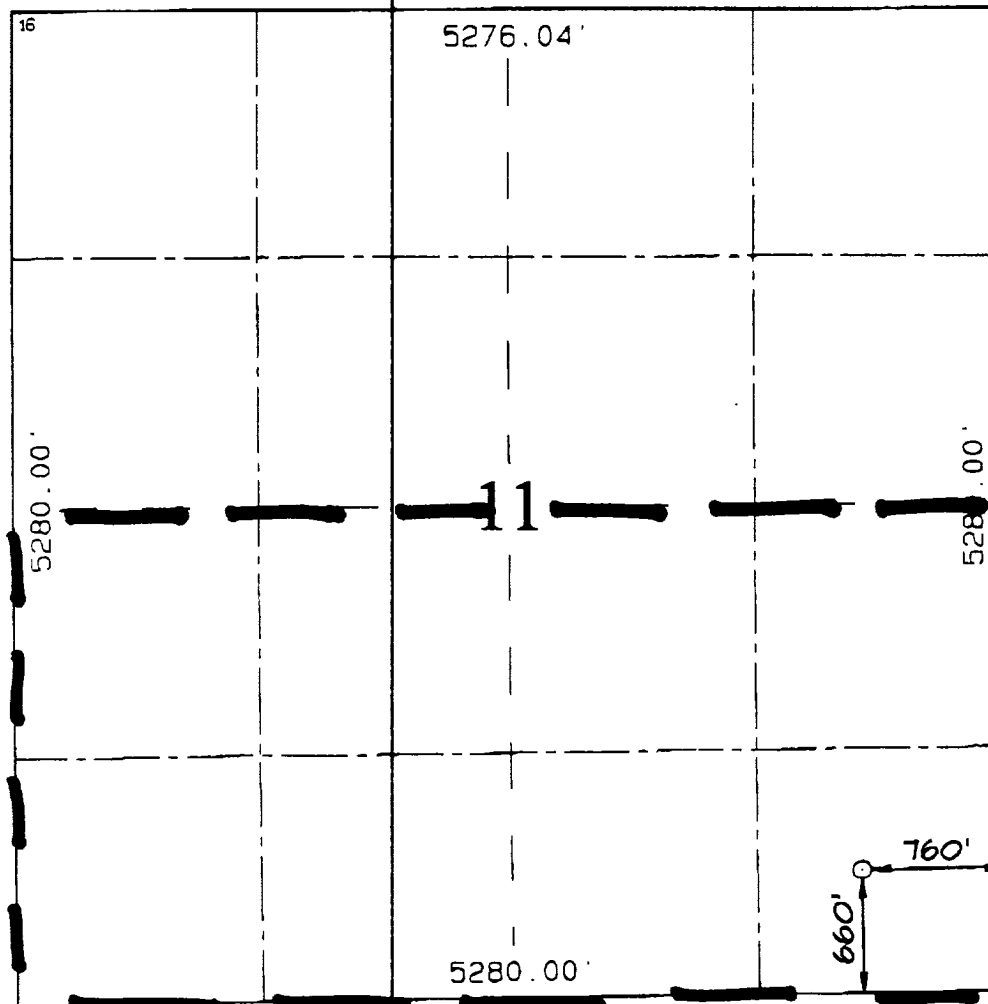
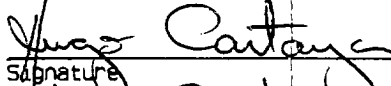
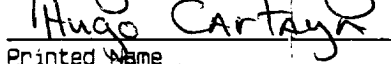
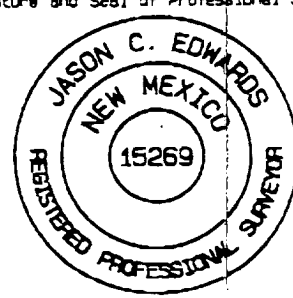
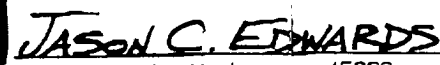
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
P	11	29N	13W		660	SOUTH	760	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 S/2					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 5276.04'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature  Printed Name Production Manager Title 9/5/01 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: AUGUST 6, 2001 Signature and Seal of Professional Surveyor   Certificate Number 15269	

660' FSL 760' FEL, SECTION 11, T29N, R15W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

