

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
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

AUG 2001
RECEIVED
OIL CON. DIV.
DIST. 3
OIL CONSERVATION DIVISION
P.O. 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

Operator Name and Address Calpine Natural Gas 1200 17th Street, Suite 770 Denver, Colorado 80202		OGRID Number 194807
Property Code 28108		API Number 30 - 0 45 - 30 765
Property Name Golden Bear		Well No. 5

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
G	2	29N	13W		1420	North	1850	East	San Juan

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
Proposed Pool 1 Basin Fruitland Coal Gas					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5473
Multiple N	Proposed Depth 1600	Formation Fruitland Coal	Contractor	Spud Date August 1, 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#	160'	40	Surface
6-1/4"	4-1/2"	10.5#	1600'	200	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. 160' with spud mud and set and cement to surface 7", 23# casing with 40 sx (24 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 1600'. New 4 1/2" 10.5# casing will be set and cemented to surface with 200 sx (164 cu.ft.) of CI "B" plus additives.

Tops: Kirtland @ 60; Fruitland @ 1130; Pictured Cliffs @ 1400'.

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: 08/02/01
Phone: (720) 946-1302

OIL CONSERVATION DIVISION	
Approved by: <i>[Signature]</i>	Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3
Approval Date: AUG 17 2001	Expiration Date: AUG 17 2002
Conditions of Approval	Attached <input type="checkbox"/>

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
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 30-045-30765		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 28108		*Property Name GOLDEN BEAR	*Well Number 5
*OGARD No. 194807		*Operator Name CALPINE NATURAL GAS COMPANY	*Elevation 5473'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
G	2	29N	13W		1420	NORTH	1850	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 322.92 N/2	*Joint or Infill	*Consolidation Code	*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

<p>16</p> <p>LOT 4 LOT 3 LOT 2 LOT 1</p> <p>1327.92' 1310.10'</p> <p>1320.00'</p> <p>2640.00'</p> <p>5280.00'</p> <p>1420'</p> <p>1850'</p> <p>5276.04'</p> <p>AUG 2001 RECEIVED OIL CON. DIV DIST. 3</p> <p>AUG 2001 RECEIVED OIL CON. DIV DIST. 3</p>				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Huac Cantaya</i></p> <p>Printed Name <i>Huac Cantaya</i></p> <p>Title <i>Production Manager</i></p> <p>Date <i>8/14/01</i></p>	
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JULY 24, 2001</p> <p>Date of Survey</p> <p>Signature and Seal of Surveyor</p> <p>NEALE G. EDWARDS NEW MEXICO 6857</p> <p>Certificate Number 6857</p>					

CALPINE NATURAL GAS COMPANY GOLDEN BEAR #5

1420' FNL & 1850' FEL, SECTION 2, T29N, R13W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

