

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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

Form C-101

Energy, Minerals and Natural Resources**Oil Conservation Division**

1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address HEC PETROLEUM, INC 463 Turner Drive 101 Durango, CO 81303		OGRID Number 9812
		API Number 30-045-31599
Property Code 13524	Property Name Baird 4	Well No. 003

Surface Location

UL or Lot I	Section 4	Township 31N	Range 13W	Lot Idn	Feet From 1330	N/S Line S	Feet From 710	E/W Line E	County San Juan
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Proposed Pools

BASIN FRUITLAND COAL (GAS) 71629

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type Private	Ground Level Elevation 5844
Multiple N	Proposed Depth 2500	Formation Fruitland Coal	Contractor	Spud Date

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	350	300	0
Prod	7.875	5.5	15.5	2500	375	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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

Electronically Signed By: Jim Bonaventura

Title: area foreman

Date: 04/01/2003

Phone: 970-259-1374

OIL CONSERVATION DIVISION

Electronically Approved By: Charlie Perrin

Title: Manager

Approval Date: 04/01/2003 Expiration Date: 04/01/2004

Conditions of Approval:
No Conditions

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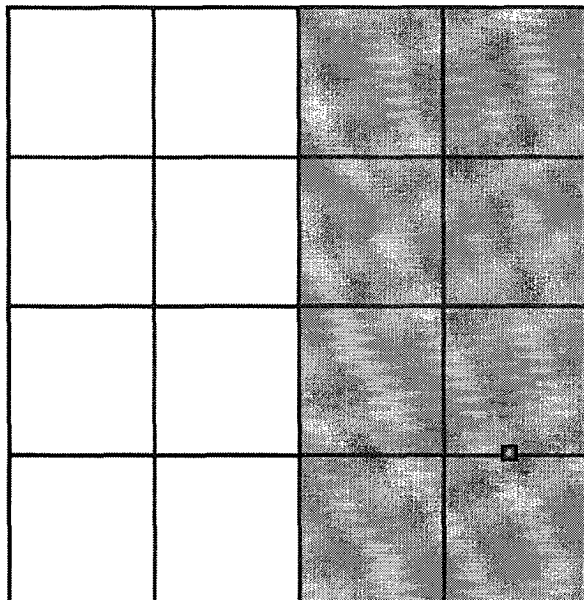
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-31599	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 13524	Property Name Baird 4	Well No. 003
OGRID No. 9812	Operator Name HEC PETROLEUM, INC	Elevation 5844

Surface And Bottom Hole Location

UL or Lot I	Section 4	Township 31N	Range 13W	Lot Idn	Feet From 1330	N/S Line S	Feet From 710	E/W Line E	County San Juan
Dedicated Acres 320.9		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Jim Bonaventura

Title: area foreman

Date: 04/01/2003

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.

Surveyed By: Jason Edwards

Date of Survey: 03/06/2003

Certificate Number: 15269

Permit Comments

Operator: HEC PETROLEUM, INC , 9812

Well: Baird 4 #003

User Name	Comment	Comment Date
SHAYDEN	This location appears to be non-standard, at 5 from a 1/4, 1/4 section line. If this application is approved this way, H. E. C. will need to file a non-standard location application with the Engineering Bureau of OCD Santa Fe. If you wish to make this a standard location. please move it the appropriate amount away from the line.	3/31/2003