

## 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  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>H.E.C. Petroleum</b> <b>463 Turner Drive 101</b> <b>Durango, CO 81303</b>		OGRID Number <b>9812</b>
		API Number <b>30-45-31596</b>
Property Code <b>4891</b>	Property Name <b>Freeman 11</b>	Well No. <b>004</b>

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	11	31N	13W		760	N	1225	W	San Juan

**Proposed Pools**

<b>BASIN FRUITLAND COAL (GAS)</b>	<b>71629</b>
-----------------------------------	--------------

Work Type <b>New Well</b>	Well Type <b>Gas</b>	Cable/Rotary	Lease Type <b>Private</b>	Ground Level Elevation <b>5762</b>
Multiple <b>N</b>	Proposed Depth <b>2500</b>	Formation <b>Fruitland Coal</b>	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: **3/21/2003**

Phone: **970-259-1374**

**OIL CONSERVATION DIVISION**

Electronically Approved By: **Charlie Perrin**

Title: **Manager**

Approval Date: **1/1/2003**

Expiration Date: **1/1/2004**

Conditions of Approval:  
**No Conditions**

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  
Energy, Minerals and Natural Resources

Form C-102

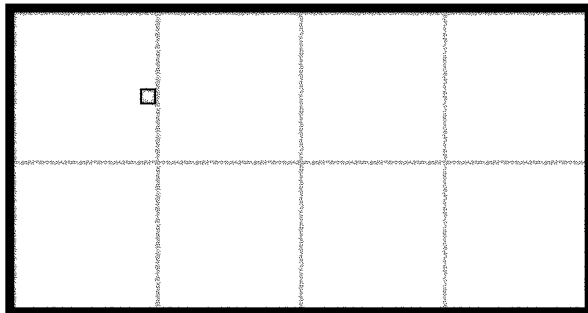
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31596	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 4891	Property Name Freeman 11	Well No. 004
OGRID No. 9812	Operator Name H.E.C. Petroleum	Elevation 5762

### Surface And Bottom Hole Location

UL or Lot D	Section 11	Township 31N	Range 13W	Lot Idn	Feet From 760	N/S Line N	Feet From 1225	E/W Line W	County San Juan
Dedicated Acres 320		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: 3/21/2003

#### 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.*

Electronically Signed By: Jason Edwards

Date of Survey: 3/11/2003

Certificate Number: 15269