APD Form Page 1 of 1

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

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oberen.	Operator Name and Address	OGRID Number
H.E.C. Petroleu		9812
463 Turner Driv	e 101	API Number
Durango, CO 8	31303	
Durango, CO	71303	30-45-31596
Property Code	Property Name	Well No.
4891	Freeman 11	004

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

BASIN FRUITLAND COAL (GAS) 71629

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type Private	Ground Level Elevation 5762
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	O

Proposed Blowout Prevention Program

100 000	Type	Working Pressure	 Test Pressure	i	Manufacturer
Southeast or	Double Ram	3000	 3000		 Anthonic Controls (Controls of Controls of Control of Controls of Control of

I hereby certify that the information given above is true	OIL CONSERVATION DIVISION				
and complete to the best of my knowledge and belief.	Electronically Approved By: Charlie Perrin				
Electronically Signed By: Jim Bonaventura	Title: Manager				
Title: area foreman	Approval Date: 1/1/2003 Expiration Date: 1/1/2004				
Date: 3/21/2003 Phone: 970-259-1374	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	Pool Name	Pool Code
30-45-31596	BASIN FRUITLAND COAL (GAS)	71629
Property Code	Property Name	Well No.
4891	Freeman 11	004
OGRID No.	Operator Name	Elevation
9812	H.E.C. Petroleum	5762

Surface And Bottom Hole Location

Constituted to the State of St	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
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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