

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 H.E.C. Petroleum 463 Turner Drive 101 Durango, CO 81303		OGRID Number 9812
		API Number 30-45-31589
Property Code 4902	Property Name Pan Am State 36	Well No. 003

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	36	32N	13W		760	N	885	W	San Juan

Proposed Pools

BASIN FRUITLAND COAL (GAS)	71629
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Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 5836
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	250	0
Prod	7.875	5.5	15.5	2500	360	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: **3/28/2003**

Phone: **970-259-1374**

OIL CONSERVATION DIVISION

Electronically Approved By: **Charlie Perrin**

Title: **Manager**

Approval Date: **4/1/2003**

Expiration Date: **4/1/2004**

Conditions of Approval:
No Conditions

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Form C-102

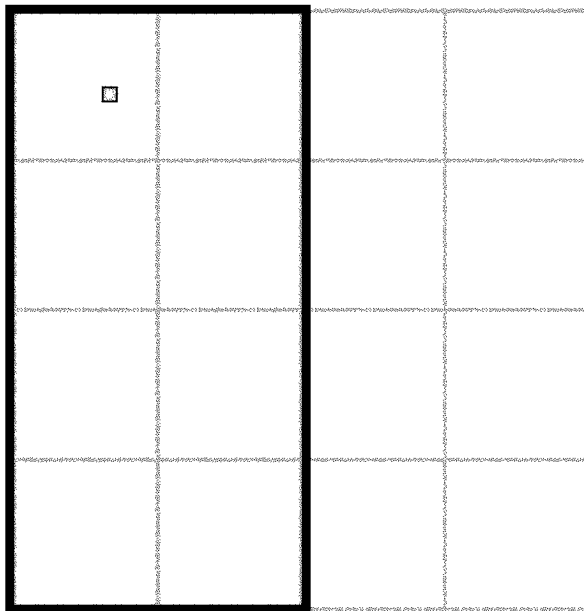
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31589	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 4902	Property Name Pan Am State 36	Well No. 003
OGRID No. 9812	Operator Name H.E.C. Petroleum	Elevation 5836

Surface And Bottom Hole Location

UL or Lot D	Section 36	Township 32N	Range 13W	Lot Idn	Feet From 760	N/S Line N	Feet From 885	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: 3/28/2003

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: 3/3/2003

Certificate Number: 15269

APD Comments

Operator: 9812 H.E.C. Petroleum

Well: Pan Am State 36 003

User Name	Comment	Comment Date
SHAYDEN	The well name for the new well, Pan Am State... must be the same for both wells in a gpu. The Pan Am St N2 #36 is mis named, as is the new well. They will both become Pan Am St. 36 #2 and #3. Please resubmit the APD with the proper form for the name of the new well.	3/28/2003
SHAYDEN	To elaborate on the prior comment, both well names must be the same, since they are on one property and both well numbers must be different. We can change the property name to what ever you like within these constraints.	3/28/2003