

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-101

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL

<p style="text-align: center;">Operator Name and Address</p> <p>RICHARDSON OPERATING CO 3100 La Plata Highway Farmington, NM 87401</p>		<p>OGRID Number 19219</p>
		<p>API Number 30-045-32097</p>
<p>Property Code 24582</p>	<p>Property Name WF STATE 2</p>	<p>Well No. 004</p>

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	2	30N	14W	J	2060	S	2095	E	San Juan

Proposed Pools

BASIN FRUITLAND COAL (GAS) 71629	
HARPER HILL FRUITLAND SAND PC (GAS) 78160	

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 5922
Multiple Y	Proposed Depth 1850	Formation Pictured Cliffs Formation	Contractor	Spud Date 06/15/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	8.75	7	20	120	50	0
Prod	6.25	4.5	10.5	1850	250	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	1000	

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

Electronically Signed By: Anne Jones

Title:

Date: 01/06/2004

Phone: 505-564-8115

OIL CONSERVATION DIVISION

Electronically Approved By: Frank Chavez

Title: District Supervisor

Approval Date: 01/14/2004 | Expiration Date: 01/14/2005

Conditions of Approval:
There are conditions. See Attached.

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Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-32097	Pool Name HARPER HILL FRUITLAND SAND PC (GAS)	Pool Code 78160
Property Code 24582	Property Name WF STATE 2	Well No. 004
OGRID No. 19219	Operator Name RICHARDSON OPERATING CO	Elevation 5922

Surface And Bottom Hole Location

UL or Lot J	Section 2	Township 30N	Range 14W	Lot Idn J	Feet From 2060	N/S Line S	Feet From 2095	E/W Line E	County San Juan
Dedicated Acres 160		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: Anne Jones

Title:

Date: 01/06/2004

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: Gerald Huddleston

Date of Survey: 12/04/2003

Certificate Number: 6844

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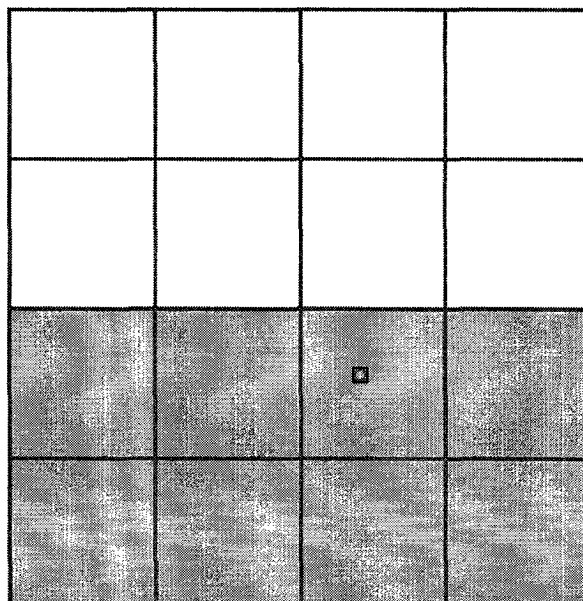
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-32097	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 24582	Property Name WF STATE 2	Well No. 004
OGRID No. 19219	Operator Name RICHARDSON OPERATING CO	Elevation 5922

Surface And Bottom Hole Location

UL or Lot J	Section 2	Township 30N	Range 14W	Lot Idn J	Feet From 2060	N/S Line S	Feet From 2095	E/W Line E	County San Juan
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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Title:

Date: 01/06/2004

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Surveyed By: Gerald Huddleston

Date of Survey: 12/04/2003

Certificate Number: 6844

Permit Comments

Operator: RICHARDSON OPERATING CO , 19219

Well: WF STATE 2 #004

User Name	Comment	Comment Date
PLEHRMAN	Filing Simo. NSL with state.	1/6/2004
FTCHAVEZ	Note the property name change from WF State 2 #4, which included the well number, to WF State 2 in line with the existing wells in this section.	1/14/2004

Permit Conditions Of Approval

Operator: RICHARDSON OPERATING CO , 19219

Well: WF STATE 2 #004

OCD Reviewer	Condition
SHAYDEN	Will require administrative order for non-standard location