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

APPLICATION FOR PERMIT TO DRILL

RICHARDSON OPERATING	OGRID Number 19219	
3100 La Plata Highway Farmington, NM 87401	API Number 30-045-32140	
Property Code 33345	Property Name WF FRPC 17	Well No. 002

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	17	29N	14W	2	1975	N	575	W	San Juan

Proposed Pools

TWIN MOUNDS FRUITLAND SAND PC (GAS) 86620

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 5160
Multiple N	Proposed Depth 1100	Formation Pictured Cliffs Formation	Contractor	Spud Date 05/01/2004

Proposed Casing and Cement Program

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	8.75	7	20	120	60	0
Prod	6.25	4.5	10.5	1100	175	0

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
 Double Ram	2000	1000	

	information given above is true a	OIL CONSERVATION DIVISION			
complete to the best of my knowledge and belief.		Electronically Approved By: Frank Chavez			
Electronically Signed B	sy: Anne Jones	Title: District Supervisor			
Title:		Approval Date: 01/27/2004 Expiration Date: 01/27/2005			
Date: 01/23/2004	Phone: 505-564-8115	Conditions of Approval: There are conditions. See Attached.			

State of Nett Mexico Energy. Minerals & Mining Resources Department OL. CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

MANSHOED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Twin Mounds Fruitland Sand PC (Gas)

Paul Code

86620

APA Number

30-045-

Property Code				Property No WE FRPC	Wall Number						
				2							
OGFED No. 19219		-	- *****	Operator N		Elevation					
	<u></u>	R	CHARDSO		ING COMP.	WY		5/60'			
					e Location	1 -	14 40				
Corto Sec	Top.	R _{gs} .	Let life	4	North/South	4	East/Wast	Conty			
E 17	29 N	14 W.		1975	North	575	West	SAN JUAN			
	Bottom Hole Laccilian IF Different From Serface										
UL er Lot Sec	Тир	Rgs.	Let lak	Feet from:	Hard-Visuals	Feet from:	Ecat/Weet	County			
Dedication J	alur ?	Consolida	Son			Orde	er Ha.				
	NO ALLOWAE	LE WILL AS OR A NO	SIGNED TO T N-STANDARD	HS COMPLET UNIT HAS EX	ION UNTIL ALI	L INTERESTS I D BY THE CIM	AVE BEEN C	CHACLDATED			
575° E	36	WGS 84 43'42.50' I 20'24.19' W	' 	Twin M ounds	s Fruitland Sar	nd PC (Gas)	I here contains to the belof. Signal A. Printe Paul Title Lan Date 1/23 SUI here on the native of the belof of the belof.	d Name Lehrman			

Permit Comments

Operator: RICHARDSON OPERATING CO, 19219

Well: WF FRPC 17 #002

User Name	Comment				
AJONES	ADDITIONAL COMMINGLE FORMATION FRUITLAND COAL	9/22/2003			
PLEHRMAN	Will file simo. NSL with state for NSL location.	1/23/2004			
	Will not commingle with FC formation (FC is not proposed at this time) as San Juan River does not allow infill for proposed well in NE/4 of Sec. 17., because of river location and Navajo acreage south of San Juan River in NW/4. Please ignore comments as to FC on 9/22/03.	1/23/2004			

Permit Conditions Of Approval

Operator: RICHARDSON OPERATING CO, 19219

Well: WF FRPC 17 #002

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