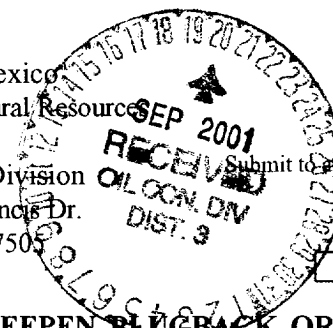


District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
Revised March 17, 1999



Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address Richardson Operating Company (303) 830-8000 1700 Lincoln St., Suite 1700, Denver, Co. 80203		² OGRID Number 19219
³ Property Code 24723	⁵ Property Name WF State 36	⁴ API Number 30 - 045-30835
		⁶ Well No. 4

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	30n	15w		1362	North	1309	West	SJ

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Twin Mounds, ⁹ Fruitland Sand, Picture Cliffs						¹⁰ Proposed Pool 2			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5310'
¹⁶ Multiple No	¹⁷ Proposed Depth 800'	¹⁸ Formation Lewis	¹⁹ Contractor	²⁰ Spud Date 9-25-01

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8 - 3/4"	7"	20	120'	60 sx	Surface
6 - 1/4"	4 - 1/2"	10.5	800'	105 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

Will use 2000# BOP and run logs and DST as appropriate.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Brian Wood</i>		OIL CONSERVATION DIVISION	
Printed name: Brian Wood		Approved by: <i>[Signature]</i>	
Title: Consultant		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3	
Date: September 18, 2001		Approval Date: SEP 20 2001 Expiration Date: SEP 20 2002	
Phone: (505) 466-8120		Conditions of Approval: Attached ☐	

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State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102

☐ AMENDED REPORT

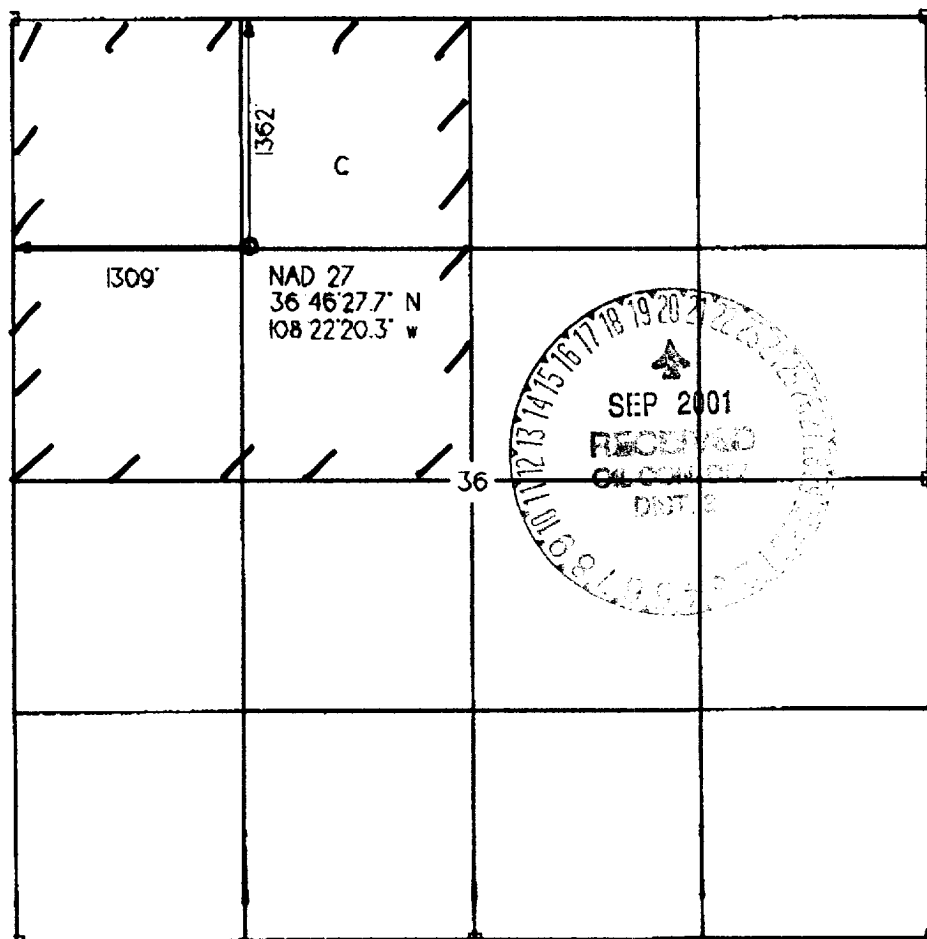
WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number 30-045-30835	Pool Code 86620	Pool Name TWIN MOUNDS PICTURE CLIFFS
Property Code 24723	Property Name WF STATE 36	Well Number 4
OGRD No. 019219	Operator Name RICHARDSON OPERATING COMPANY	Elevation 5310'

Surface Location									
UL or Lot C	Sec. 36	Twp. 30 N	Rgn. 15 W.	Lot Id. 	Feet From 1309'	North/South NORTH	Feet From 1362'	East/West WEST	County SAN JUAN

Bottom Hole Location if Different From Surface									
UL or Lot 	Sec. 	Twp. 	Rgn. 	Lot Id. 	Feet From 	North/South 	Feet From 	East/West 	County
Dedication 160 NW	Joint ? 	Consolidation 	Order No. 						

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Printed Name **BRIAN WOOD**Title **CONSULTANT**Date **SEPTEMBER 18, 2001**

SURVEYOR CERTIFICATION

I hereby certify that the well location 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.

Date of Survey

SEPTEMBER 2001

Signature and Seal of Professional Surveyor

GERALD S. HODDLESTON
NEW MEXICO
6844
REGISTERED LAND SURVEYOR