

District I
1625 N. French Dr., Hobos, NM 88240

District II
311 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-104
Revised June 1, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

AMENDED

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Richardson Operating Company 1700 Lincoln Street, Suite 1700 Denver, CO 80203		² OGRID Number 019219
		³ Reason for Filing Code/Effective Date NW
⁴ API Number 30-045-30377	⁵ Pool Name Harper Hill Pictured Cliffs	⁶ Pool Code 78160
⁷ Property Code 24567	⁸ Property Name WF Federal 28	⁹ Well Number #4

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	28	30N	14W		1811	North	1882	West	San Juan

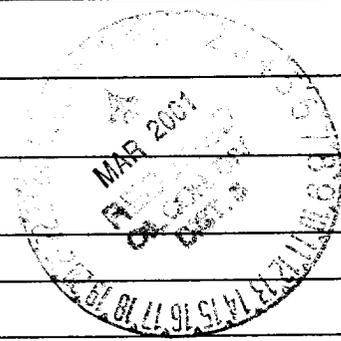
¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²³ POD	²¹ O/G	²² POD ULSTR Location and Description
185142	San Juan Oil & Gas	2828274	G	



IV. Produced Water

²³ POD 2828275	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 11/09/2000	²⁶ Ready Date 01/18/2001	²⁷ TD 1300' GL (1305' KB)	²⁸ PSTD 1241' GL (1246' KB)	²⁹ Perforations 1086'-1096'	³⁰ DHC, MC
³¹ Hole Size 8 3/4"	³² Casing & Tubing Size 7"	³³ Depth Set 128'		³⁴ Sacks Cement 30 sx	
		1285'		130 sx	
		1079'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 01/17/2001	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 5 psi	⁴⁰ Csg. Pressure 147 psi
⁴¹ Choke Size 1/2"	⁴² Oil	⁴³ Water 92 bbl	⁴⁴ Gas 36 mcf	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathleen Colby</i> Printed name: Cathleen Colby Title: Land Manager Date: 03/20/2001 Phone: 303-830-8000	OIL CONSERVATION DIVISION <i>[Signature]</i> Approved by: SUPERVISOR DISTRICT #3 Title: Approval Date: MAR 30 2001
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⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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