Form 3160-5 (April 2004)

1. Type of We

3a. Address

Öil Well

2. Name of Operator Richardson Operating Company

3100 La Plata Highway, Farmington, NM, 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

SUBMIT IN TRIPLICATE- Other instructions on reverse Gide (ED)

Other

Gas Well

Do not use this form for proposals to drill, or to referter and abandoned well. Use Form 3160-3 (APD) for such proposals.

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167 If Indian, Allottee or Tribe Name

5.	Lease Serial No.
	NMNM_00007

l NA
7. If Unit or CA/Agreement, Name and/or No.
 NA NA
 8. Well Name and No. WF Federal 31 #1
 9. API Well No.

11.	County or Parish,	State

10. Field and Pool, or Exploratory Area West Kutz PC & Basin FC

809' FNL & 1395' FEL, Sec. 3	11. County of P	ansn, State			
, e	·		·	San Juan (	County, New Mexico
12. CHECK A	PPROPRIATE BOX(ES)	TO INDICATE NATUR	LE OF NOTICE, RE	EPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Star Reclamation Recomplete Temporarily Abs	V	Water Shut-Off Well Integrity Other Downhole commingle
13 Describe Proposed or Complete	ed Operation (clearly state all pe	ertinent details, including esti	mated starting date of an	v proposed work a	nd approximate duration thereof

3b. Phone No. (include area code)

505-564-3100

070 FARMINGTUR

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Richardson Operating Company proposes using a DHC split of: Pictured Cliffs 3.412% / Basin Fruitland Coal 96.588%. This is based on information per the attached spread sheet.

OHE1308AZ

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Charles H. Williams

Title Engineering Operations Manager

Charles A. Williams

ACCEPTED FOR RECORD

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NOV 2 6 2004 Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or **FARMINGTON DISTRICT OFFICE** certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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PROPOSED  API #	Name		SEC	TWP	RGE	Recover y Factor	Coal Net Thickness	Coal Avg Density	Avg Ash	Coal Avg Gas Content	Coa Calcula GIP (B
3004531046	NV NAVAJO 22 #3	SW	22	29N	14W	0.65	14	1.54	0.29	92	0.49
	NV NAVAJO 35 #3	SW	35	29N	14W	0.65	18	1.56	0.31	100	0.33
3004531190	NV NAVAJO 36 #1	NE	36	29N	14W	0.65	17	1.53	0.29	107	0.40
3004531193	NV NAVAJO 35 #1	NE	35	29N	14W	0.65	16	1.54	0.29	105	0.39
3004531191	NV NAVAJO 36 #2	NW	36	29N	14W	0.65	16	1.54	0.29	106	0.40
3004530713	WF FEDERAL 25 #2	SE	25	30N	14W	0.65	16	1.39	0.16	119	0.22
3004530041	NAVAJO 25 #1	SWSW	25	29N	14W	0.65	13	1.52	0.27	105	0.46
3004530652	NAVAJO 13 #1	NE	13	29N	14W	0.65	13	1.43	0.19	102	0.42
3004531063	WF FEDERAL 19 #4	SE	19	30N	14W	0.65	16	1.35	0.12	114	0.70
3004530383	ROPCO 09 #1	NE	9	29N	14W	0.65	24	1.5	0.26	86	0.65
3004531152	F-RPC 19 #4	SE	19	29N	13W	0.65	9	1.48	0.24	103	0.38
3004530726	WF FEDERAL 31 #2	NW	31	30N	14W	0.65	14	1.52	0.27	82	0.36
	F-RPC 20 #3	SW	20	29N	13W	0.65	8	1.48	0.23	103	0.46
3004530366	ROPCO 04 #1	NE	4	29N	14W	0.65	17	1.48	0.24	90	0.67
3004531067	WF FEDERAL 19 #3	SW	19	30N	14W	0.65	17	1.37	0.14	109	0.54
3004530727	WF FEDERAL 30 #3	SW	30	30N	14W	0.65	24	1.46	0.22	93	0.45
	WF FEDERAL 30 #4	NW	30	30N	14W	0.65	19	1.41	0.18	102	0.54
	WF FEDERAL 31 #1	NE	31	30N	14W	0.65	13	1.49	0.25	90	0.46