

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM0206995	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Richardson Operating Company		7. UNIT AGREEMENT NAME 24406	
3. ADDRESS OF OPERATOR c/o Walsh Engineering 7415 E. Main St., Farmington, NM		8. FARM OR LEASE NAME WF Federal 34	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface 1055'FSL and 1470'FWL At proposed Prod. Zone		9. WELL NO. 2 API # 30-045-24882	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles NE of Farmington, NM		10. FIELD AND POOL OR WILDCAT Twin Mounds PC Basin FT. Coal EXT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1055'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T30N, R14W	
16. NO. OF ACRES IN LEASE 1008.52		12. COUNTY OR PARISH San Juan	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 2200'		13. STATE NM	
18. PROPOSED DEPTH 1285'		17. NO. OF ACRES ASSIGNED TO THIS WELL 176.94 DU/332.94	
19. ELEVATIONS (Show whether DF, RT, GR, etc.) 5513' GR		20. ROTARY OR CABLE TOOLS Rotary	
21. APPROX. DATE WORK WILL START* June 1, 1999		22. APPROX. DATE WORK WILL START* June 1, 1999	

RECEIVED
APR 21 1999
OIL CON. DIV.
DIST. 3

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	17#	120'	36 cu.ft. Cl "B"
6-1/4"	4.5"	10.5#	1285'	175 cu.ft.w/ 2% metasilicate
				89 cu.ft. Cl "B"

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

Richardson Operating Company proposes to drill a vertical well to develop the Pictured Cliffs and Fruitland Coal form. at the above described location in accordance with the attached drilling and surface use plans.

This location has been archaeologically surveyed by Moore Anthropological Research. Copies of their report have been submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will be accessed by an existing road which crosses the SW/SW of section 34, T30N, R14W and the W2/NW of section 3, T29N, R14W, where it joins the Twin Mounds bypass road. The pipeline route is described on Plat #4.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul C. Thompson TITLE Paul C. Thompson, Ager DATE 3/19/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APR 19 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: **Team Lead, Petroleum Management**

APPROVED BY /s/ Duane W. Spenger TITLE _____ DATE _____

See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

nmcc

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DO, Artesia, NM 88211-0719

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

50 MAR 19 12:29

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29882	*Pool Code 85520	*Pool Name HARPER HILL TWIN MOUNDS FRUITLAND SAND PICTURED CLIFF
*Property Code 24406	*Property Name WF FEDERAL 34	*Well Number 34-2
*DGRID No. 019219	*Operator Name RICHARDSON OPERATING COMPANY	*Elevation 5513'

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
N	34	30N	14W		1055	SOUTH	1470	WEST	SAN JUAN

¹¹ 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
¹² Dedicated Acres 160		¹³ Joint or Infill Y		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁵ 5504.40'	5280.00'				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Paul C. Thompson Signature Paul C. Thompson Printed Name Agent Title 3/19/99 Date
	<div style="text-align: center;">RECEIVED APR 21 1999 OIL CON. DIV. DIST. 3</div>				
<div style="text-align: center;">34</div>					¹⁸ 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. FEBRUARY 25, 1999 Date of Survey Signature and Seal of Professional Surveyor <div style="text-align: center;">NEALE C. EDWARDS NEW MEXICO 6857 Certification Number 6857</div>
<div style="text-align: center;">5460.84'</div>					
<div style="text-align: center;">5280.00'</div>					
<div style="text-align: center;">1470'</div>					
<div style="text-align: center;">1055'</div>					
<div style="text-align: center;">LOT 4 LOT 3 LOT 2 LOT 1</div>					

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State of New Mexico
Energy, Minerals & Natural Resources Department

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Santa Fe, NM 87504-2088

Form C-1
Revised February 21, 1999
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Fee Lease - 3 Copies

99 MAR 19 PM 12:30

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29882		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 244.06	Property Name WF FEDERAL 34		Well Number 34-2
OGRID No. 019219	Operator Name RICHARDSON OPERATING COMPANY		Elevation 5513'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
N	34	30N	14W		1055	SOUTH	1470	WEST	SAN JUAN

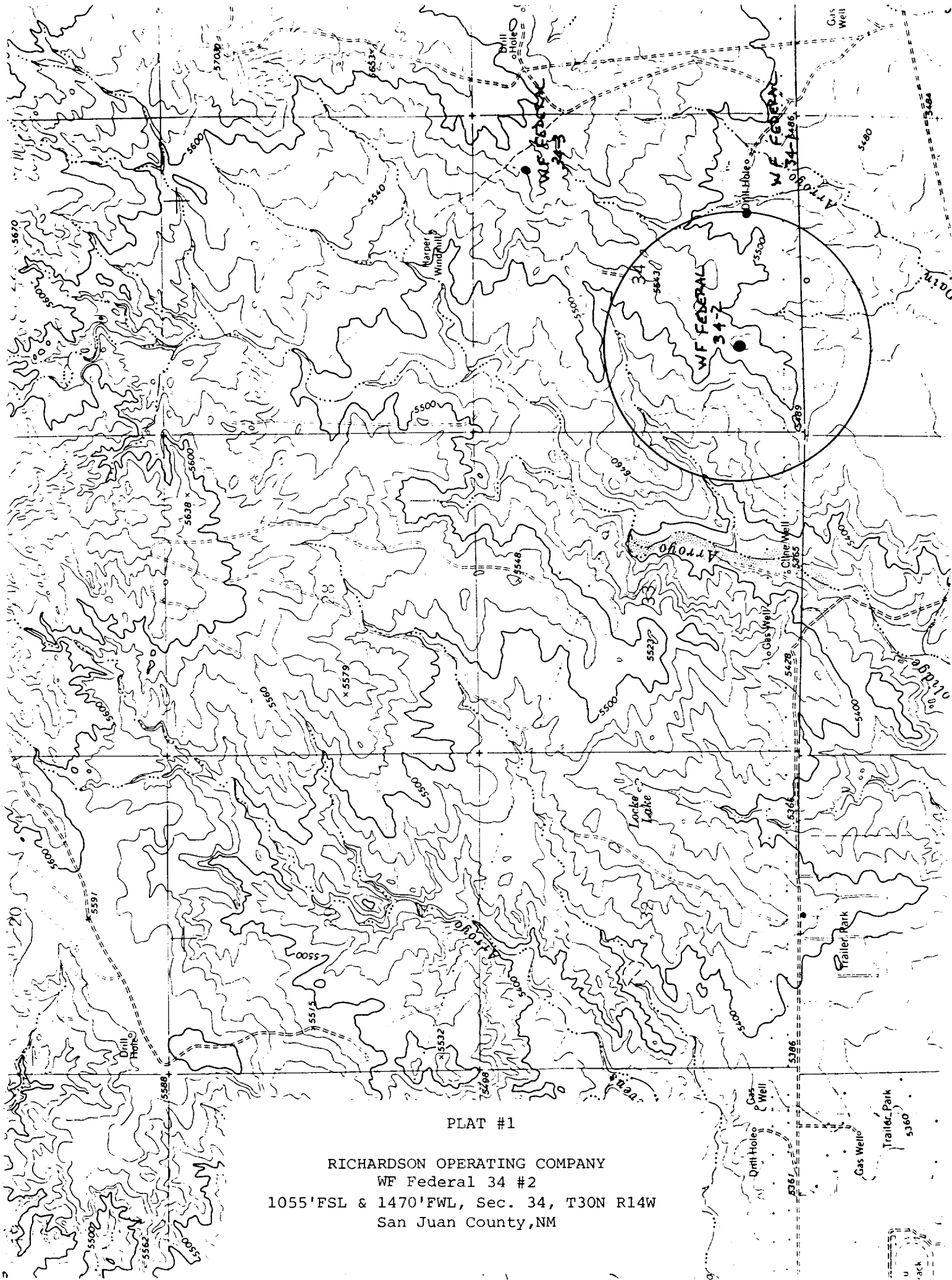
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 332.94	Joint or Infill Y	Consolidation Code	Order No.
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15				17 OPERATOR CERTIFICATION			
				I hereby certify that the information contained herein is true, and complete to the best of my knowledge and belief.			
				Signature Paul C. Thompson			
				Printed Name Agent			
				Title 3/19/99			
Date				18 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.			
				FEBRUARY 25, 1999			
				Date of Survey			
				Signature and Seal of Professional Surveyor			
				Certification Number 6857			



PLAT #1

RICHARDSON OPERATING COMPANY

WF Federal 34 #2

1055'FSL & 1470'FWL, Sec. 34, T30N R14W

San Juan County, NM