

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87504

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
⁴ API Number 30-045-30062		³ Reason for Filing Code/Effective Date NW
⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629	
⁷ Property Code 23606	⁸ Property Name WF Federal 20	⁹ Well Number #2

II. ¹⁰ Surface Location

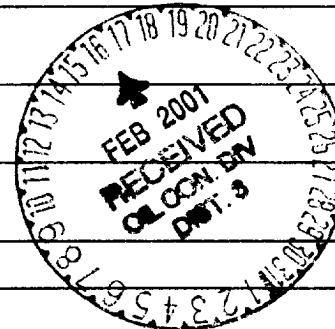
Ul or lot no. A	Section 20	Township 30N	Range 14W	Lot Idn	Feet from the 1086	North/South line North	Feet from the 866	East/West line East	County San Juan
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¹¹ Bottom Hole Location

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	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 185142	¹⁹ Transporter Name and Address San Juan Oil & Gas	²⁰ POD	²¹ O/G G	²² POD ULSTR Location and Description



IV. Produced Water

²³ POD 2827912	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 6/5/00	²⁶ Ready Date 9/20/00	²⁷ TD 1325'	²⁸ PBTD 1281.41'	²⁹ Perforations 1072'-1085'	³⁰ DHC, MC DHC
³¹ Hole Size 8 3/4"	³² Casing & Tubing Size 7"	³³ Depth Set 1322.92'	³⁴ Sacks Cement 30 sxs		
6 1/4"	4 1/2"	1322.67'	75 sxs		
	2 3/8"	1072'	75 sxs		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 9/20/00	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 40	⁴⁰ Csg. Pressure 140
⁴¹ Choke Size 1/4"	⁴² Oil	⁴³ Water 60	⁴⁴ Gas 58	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: *Cathleen Colby*
Printed name: Cathleen Colby

Title: Land Manager

Date: Feb. 13, 2001 Phone: 303-830-8000

OIL CONSERVATION DIVISION

Approved by:

228
SUPERVISOR DISTRICT #1

Title:

Approval Date:

FEB 16 2001

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

UNITED STATES

SUBMIT IN DUPLICATE *

FORM APPROVED
OMB NO. 1004-0137

DEPARTMENT OF THE INTERIOR

(See other in-
structions on
reverse side)

Expires: February 28, 1995

BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM-25857

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

WF Federal 20-2

9. API WELL NO.

30-045-30062

10. FIELD AND POOL, OR WILDCAT

Twin Mounds PC Ext

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 20, T30N-R14W

a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

c. NAME OF OPERATOR

Richardson Operating Company

d. ADDRESS AND TELEPHONE NO.

1700 Lincoln, Suite 1700, Denver, CO 80203 303-830-8000

e. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):*

At surface 1086' FNL, 866' FEL

At top prod. interval reported below same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

6/5/00

16. DATE T.D. REACHED

6/8/00

17. DATE COMPL. (Ready to prod.)

9/13/00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5560' GR

19. ELEV. CASINGHEAD

5560'

20. TOTAL DEPTH, MD & TVD

1325'

21. PLUG, BACK T.D., MD & TVD

1281.41'

22. IF MULTIPLE COMPL.
HOW MANY?

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION --TOP, BOTTOM, NAME (MD AND TVD)*

1090' - 1100' Pictured Cliffs

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7"	20#	132.92'	8 - 3/4"	30 SXS	surface
4 - 1/2"	10.5#	1322.67'	6 - 1/4"	75 SXS	surface
				75 SXS	surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1072'	

31. PERFORATION RECORD (Interval, size and number)

1090' - 1100' 40 holes 0.41"
4 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1090'-1100'	57,200# 20/40 Brady Sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
	flowing	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
9/13/00	24	1/8"			13	30	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
40	140			13	30		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

JAN 29 2001

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Catherine Colley

TITLE

Land Manager

FARMINGTON FIELD OFFICE
BY _____ DATE

December 14, 2000

*(See Instructions and Spaces for Additional Data 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.

37. SUMMARY OF POROUS ZONE: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	1090'	1100'				