

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Richardson Operating Company

3. Address and Telephone No.

1700 Lincoln, Suite 1700, Denver, Colorado 80203 (303) 830-8000

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

1235' FNL, 1215' FEL

Sec. 1-T29N-R15W

5. Lease Designation and Serial No.

NM-10758

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Pittam Pond #1

9. API Well No.

30-045-23906

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan County, NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

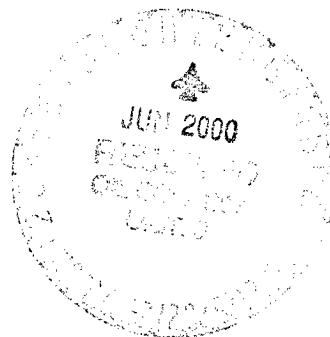
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Surface Casing/Cementing
	<input checked="" type="checkbox"/> Other: see below
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form).

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.

If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Well completed as per attached treatment report



14. I hereby certify that the foregoing is true and correct

Signed:

Cathleen Colby

Title: Land Manager

Date: May 3, 2000

(This space for Federal or State office use)

Approved by:

Title:

Date:

Conditions of approval, if any:

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.

ACCEPTED FOR RECORD

RICHARDSON OPERATING COMPANY

FRACTURE TREATMENT REPORT

Operator: Richardson Operating Company Well Name: Pittam Pond #1
Date: _____
Field: Basin Fruitland Coal Location: 1-29N-154W County: San Juan State: NM
Stimulation Company: Schlumberger Dowell Supervisor: _____

Stage #: 1/1

Sand on location (design): _____ 49,192 Weight ticket: _____ Size/type: 20/40 Brady Sand

Fluid on location: No. of Tanks: 2 Strap: 40 Amount: 800 Usable: _____

Perforations

Depth: 542'-554' Total Holes: 48 PBTD: 566'

Shots per foot: 4 EHD: _____

Breakdown

Acid: 250 gals

Balls: N/A

Pressure: 850# Rate: 2.2

Stimulation

ATP: 1103# AIR: 24.2 bpm

MTP: 1579# MIR: 27.6 bpm

	Sand Stage	Pressure	Breaker test
	pad	1144#	17 cps
ISIP: _____	1 ppg	1067#	break in 43 min
5 min: _____	2 ppg	1126#	
10 min: _____	3 ppg	1259#	
15 min: _____	4 ppg	1318#	

Job Complete at: 12:42 hrs. Date: 2/20/00 Start flow back: N/A

Total Fluid Pumped: 21,883 gals 521 bbls

Total Sand Pumped: 49,192 Total Sand on Formation: 49,192

Total Nitrogen Pumped: N/A

Notes:

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-10758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Pittam Pond #1

9. API WELL NO.

30-045-23906

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 1, T29N-R15W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☒

DIFF. RESVR. ☐

Other ☐

Fruitland Coal

2. NAME OF OPERATOR

Richardson Operating Company

3. ADDRESS AND TELEPHONE NO.

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

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

At surface 1235' FNL, 1215' 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

11/27/79

16. DATE T.D. REACHED

12/2/79

17. DATE COMPL. (Ready to prod.)

3/25/00

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

5301' GR

19. ELEV. CASINGHEAD

5301'

20. TOTAL DEPTH, MD & TVD

660'

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

566'

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

542' - 554' Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

no

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"	26#	101.95'	9 - 3/4"	41.3 sx Class B	surface
2 - 7/8"	6.4#	655'	5"	59 sx Class B neat w/ 1/4# celloflake	surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 - 1/2"	542'	

31. PERFORATION RECORD (Interval, size and number)

542' - 554' 48 holes 0.32" 4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
542'-554'	49,192 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)	
3/30/00		gas lift					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
3/25/00	24		→		10	450		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		
18	160	→		10	450			

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

vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Cathleen Colley

TITLE

Land Manager

DATE

May 3, 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: 11 8 2000

NMOC

OFFICE

ACCEPTED FOR RECORD

37. SUMMARY OF POROUS ZONES: (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
Fruitland Coal	542'	554'				