

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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)

870' FNL &amp; 1205' FEL, Section 8-T29N-R14W NMPM

## 5. Lease Designation and Serial No.

NMSF-079968

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

ROPCO 4-1

## 9. API Well No.

30-045-30366

## 10. Field and Pool, or Exploratory Area

Twin Mounds PC

## 11. County or Parish, State

San Juan Co, NM

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

## TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Surface Casing/Cementing

☒

Other: see below

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

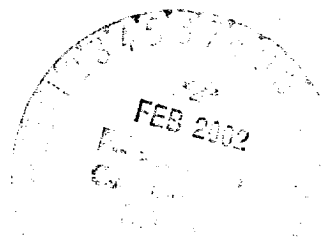
(Note: Report results of multiple completion on Well

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: *[Signature]*

Title: Operations Manager

Date: January 21, 2002

(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.

# RICHARDSON OPERATING COMPANY

## FRACTURE TREATMENT REPORT

Operator: RICHARDSON OPERATING CO. Well Name: ROPCO  
 Date: 6/26/01  
 Field: F.C. Location: 4-1 County: \_\_\_\_\_ State: \_\_\_\_\_  
 Stimulation Company: AMERICAN ENERGY Supervisor: JOHN DURHAM

Stage #: 2 F.C.

Sand on location (design): 55420 Weight ticket: 55420 Size/type: 20/40 BRADY

Fluid on location: No. of Tanks: 2 Strap: 40 Amount: 800 Usable: 760

### Perforations

Depth: 930-940 Total Holes: 80 PBTD: 1089  
 Shots per foot: 4 EHD: 0.42

### Breakdown

Acid: 500  
 Balls: N/A  
 Pressure: 550 Rate: 3.5 BPM

### Stimulation

ATP: 1000 AIR: 34.2  
 MTP: 1200 MIR: 34.3

	Sand Stage	Pressure	Breaker test
ISIP: <u>630</u>	pad	1100	
5 min: <u>592</u>	1 ppg	1100	
10 min: <u>564</u>	2 ppg	1150	
15 min: <u>531</u>	3 ppg	1100	
	4 ppg	1000	

Job Complete at: 13:50 hrs. Date: 6/26/01 Start flow back: N/A

Total Fluid Pumped: 458

Total Sand Pumped: 55420 Total Sand on Formation: 55420

Total Nitrogen Pumped: \_\_\_\_\_

### Notes:

73 WELL TESTED @ 75 MCF 20 TBG, 160 CSG 65 BBLS H2O

