

RICHARDSON OPERATING COMPANY

ROPCO Federal 12 No. 2
1630' FNL, 770' FEL
Section 12, T29N, R13W
San Juan County, New Mexico

DEVIATION SURVEY

<u>Depth</u>	<u>Hole Deviation</u>
132'	1/4 degree
720'	3/4 degree
1280'	1/2 degree
1630'	3/4 degree

State of New Mexico }
 }
County of San Juan }

RECEIVED
NOV - 7 1994
OIL CON. DIV.
DIST. 3

I, **Bruce E. Delventhal**, being first duly sworn, depose and state that the above and foregoing depth and hole deviation figures are true and correct to the best of my information and belief.

Bruce E. Delventhal

Subscribed and sworn before me this 3rd day of November, 1994

Jolly Foss
Notary Public

My Commission Expires June 21, 1998

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LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
NOV 3 1994

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, CO 80202 (303) 830-8000

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

1630' FNL, 770' FEL
Section 12, T29N, R13W

5. Lease Designation and Serial No.

12: 27 SF 078931

6. If Indian, Allottee or Tribe Name

070 PARISH, NM

7. If Unit or CA, Agreement Designation

8. Well Name and No.

ROPCO Federal 12

9. API Well No.

No. 2

10. Field and Pool, or Exploratory Area

W. Kutz PC/ Basin FC

11. County or Parish, State

San Juan, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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 checked="" type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<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 markers and zones pertinent to this work.)*

Richardson Operating Company requests permission to alter the proposed casing program on the subject well to the following:

Hole Size	Csg Size	Depth Set	Cementing Program	Top of Cement
12 1/4"	8 5/8", 24#, J-55	120'	100 sx (118 cf) Class B containing 2% CaCl and 1/4 #/sk cello flakes.	Surface
7 7/8"	5 1/2", 15.5#, J-55	1630'	150 sx (309 cf) Class B containing 2% Sodium Metasilicate, tailed in with 100 sx (118 cf) Class B containing 2% CaCl and 1/4 #/sk cello flakes.	Surface

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

Signed

Dana S. DeLenther

Title

Agent

Date

14-Oct-94

(This space for Federal or State office)

Approved by

Title

Conditions of approval, if any:

APPROVED
OCT 31 1994
DISTRICT MANAGER