

(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on
reverse side)

OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Richardson Operating Co. (303) 830-8000

3. ADDRESS AND TELEPHONE NO.

1700 Lincoln, Suite 1700, Denver, Co. 80203

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

At surface

1520' FNL & 1420' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

2 air miles NE of Kirtland, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

2,818'

16. NO. OF ACRES IN LEASE

2523.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

159.65/319.65

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

900'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,365' ungraded ground

22. APPROX. DATE WORK WILL START*

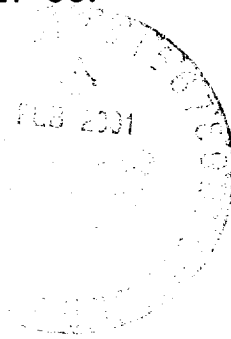
Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7" (K-55)	20#	120'	~36 cu ft & to surface
6-1/4"	4-1/2" (K-55)	10.5#	900'	~170 cu ft & to surface

Archaeology report LAC 2000-31j-2 filed 10-27-00.

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
ENVIRONMENTAL REQUIREMENTS

cc: BLM (& OCD), Colby

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

TITLE

Consultant (505) 466-8120

DATE

10-28-00

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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:

/s/ Jim Lovato

JAN 31 2001

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

State of New Mexico
Energy, Minerals & Mining Resources Department

Form C - 102

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

200 NOV -2 11 9 23 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number <i>30-045-30415</i>	Pool Code 71629 & 86620	Pool Name FRUIT. COAL & TWIN MOUNDS PC
Property Code <i>27418</i>	Property Name ROPCO 5	Well Number <i>4</i>
GRID No. 019219	Operator Name RICHARDSON OPERATING COMPANY	Elevation 5365'

Surface Location

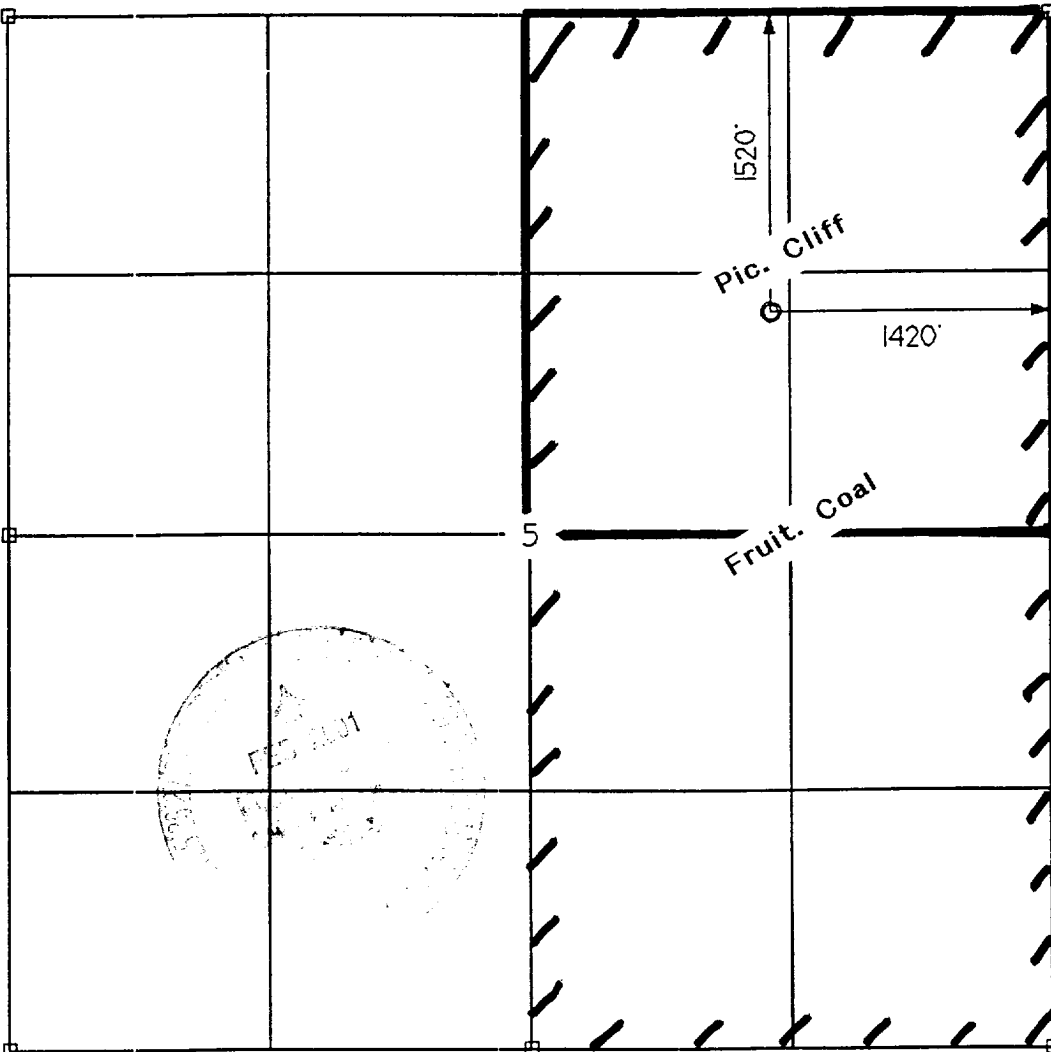
UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County
G	5	29 N.	14 W.		1520	NORTH	1420	EAST	SAN JUAN

Bottom Hole Location If Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County

Dedication <i>159.65 NE</i> <i>319.65 E</i>	Joint ?	Consolidation	Order No.
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NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *Brian Wood*

Printed Name BRIAN WOOD

Title CONSULTANT

Date OCT. 28, 2000

SURVEYOR CERTIFICATION

I hereby certify that the well location 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.

Date of Survey

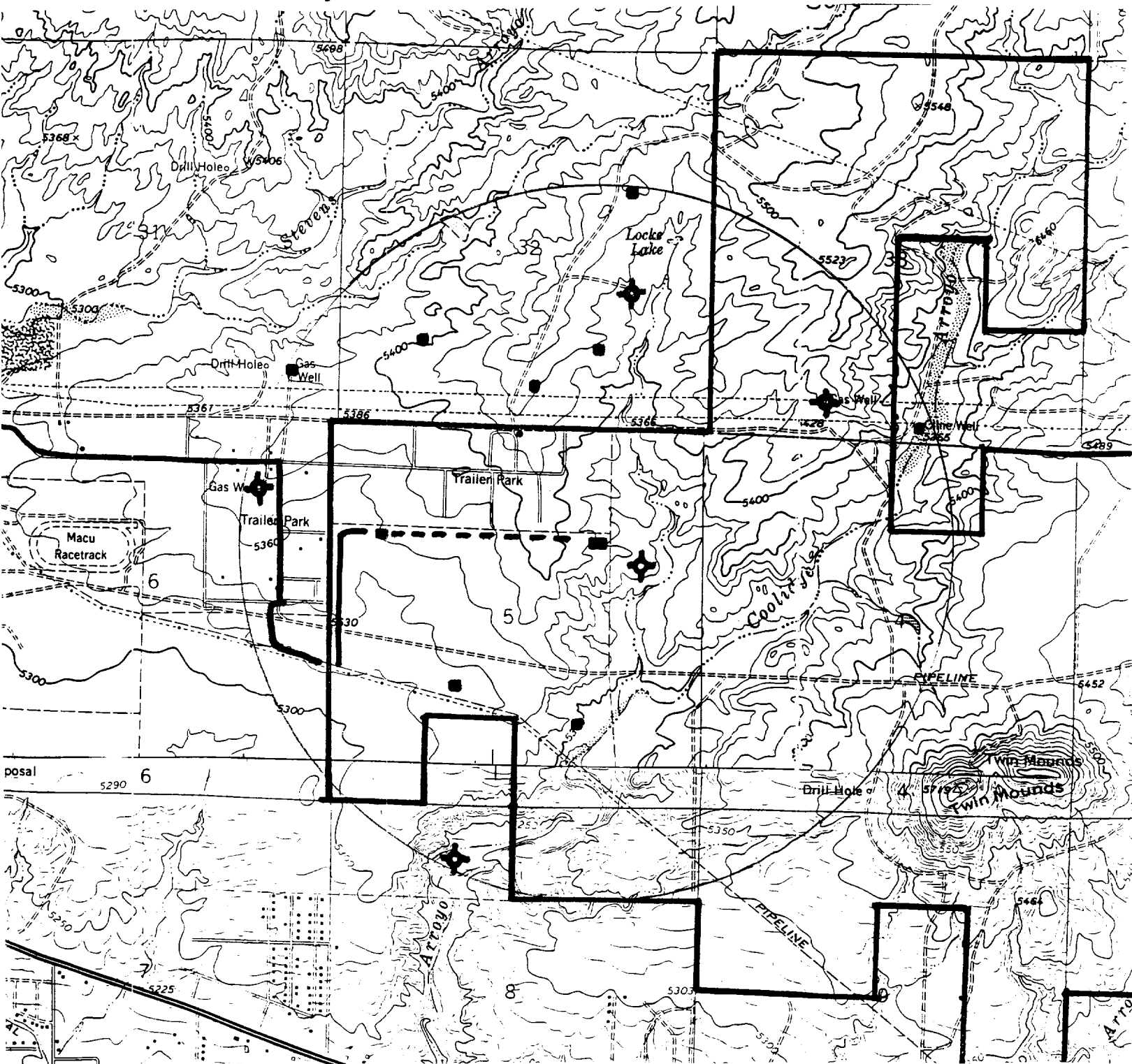
REV. SEPTEMBER 2000

Signature and Seal of Professional Surveyor



Richardson Operating Co.
 WF Federal 5 #4
 1520' FNL & 1420' FEL
 Sec. 5, T. 29 N., R. 14 W.
 San Juan County, New Mexico

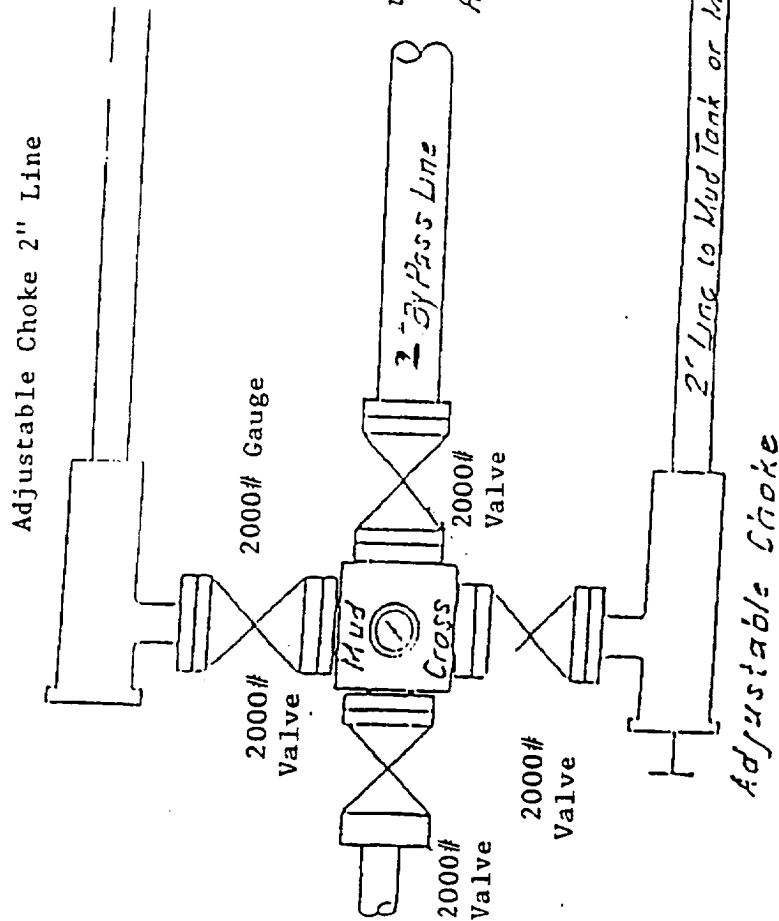
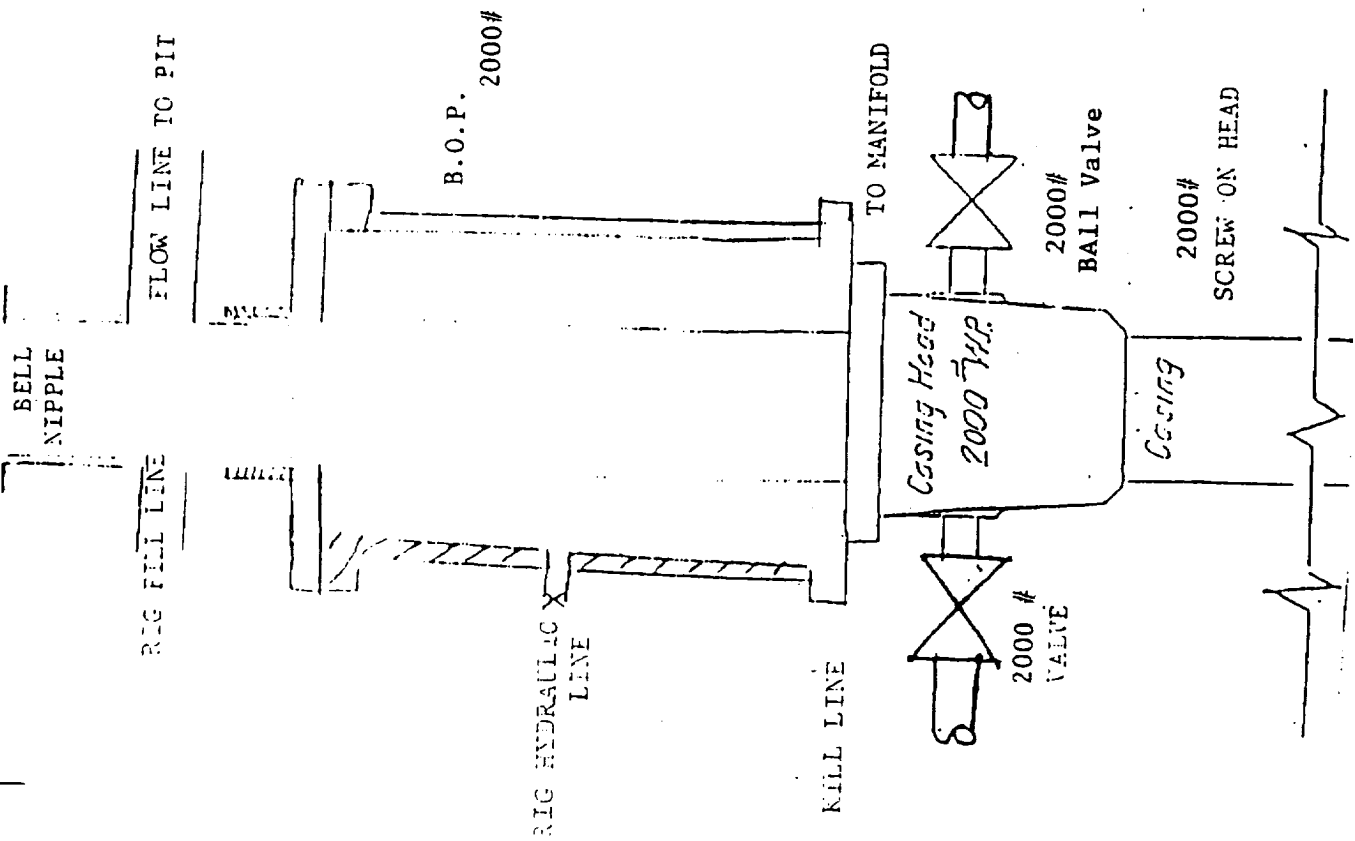
PAGE 11



PROPOSED WELL: ■ PROPOSED ROAD & PIPELINES: - - -
 EXISTING WELL: ● EXISTING ROAD: ~
 P&A WELL: ⊕ LEASE: T

PERMITS WEST INC.
 PROVIDING PERMITS FOR LAND USERS

- Notes:
1. Length of Kelly does not allow enough room for a Kelly Cock.
 2. All Fittings will be screw on fitting types. (Valves, Nipples and T's)
 3. All Fittings, B.O.P. & Surface Casing will be pressure tested to 500 pds. prior to drilling from surface pipe.



** 2000# Rubber hose will be used from Well Head to Manifold & from Well Head to Kill Line.