

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

90 JAN 17 PM 2:45
DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☒

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Morgan-Richardson Operating Co.

3. ADDRESS OF OPERATOR

P. O. Box 9808 Denver, Colorado 80209

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

At surface 960' FNL & 830' FEL (NE NE)

At proposed prod. zone
same

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

18 Miles Southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

830'

16. NO. OF ACRES IN LEASE

2560.20-1600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E-320

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

2640'

19. PROPOSED DEPTH

1840'

20. ROTARY OR CABLE TOOLS

Rotary

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

6339' GR

22. APPROX. DATE WORK WILL START*

February 1, 1990

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	"GENERAL REQUIREMENTS"
12-1/4"	8-5/8"	24# J-55	300'	210 sx Class "B"
7-7/8"	4-1/2"	11.6# J-55	1840'	260 sx 50-50 Poz

EXHIBITS ATTACHED:

"A" Location and Elevation Plat
"B" Drilling Program
"C" Blowout Preventer Diagram
"D" Surface Use Program
"E", "E1" Access Road Maps
"F" Radius Map of Field
"G" Pad Layout, Cuts/Fills, X-Sections
"H" Rig Layout

RECEIVED
MAR 01 1990
OIL CON. DIV.
DIST. 3

I HEREBY CERTIFY THAT I HAVE THE NECESSARY AUTHORIZATIONS TO OPERATE THIS WELL. BOND
COVERAGE PURSUANT TO 43 CFR 3104 FOR LEASE ACTIVITIES IS BEING PROVIDED BY MORGAN-
RICHARDSON OPERATING CO.

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

David B. Richardson

TITLE

President

DATE

January 11, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

APPROVED
AS AMENDED

FEB 26 1990

AREA MANAGER

*See Instructions 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.

THE
OFFICE OF THE
ATTORNEY GENERAL
STATE OF CALIFORNIA
SAN FRANCISCO, CALIF.

RECEIVED
JAN 10 1960
OFFICE OF THE
ATTORNEY GENERAL
SAN FRANCISCO, CALIF.

OIL CONSERVATION DIVISION

EXHIBIT "A"

DISTRICT I
P.O. Box 1960, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Location and Elevation Plat

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

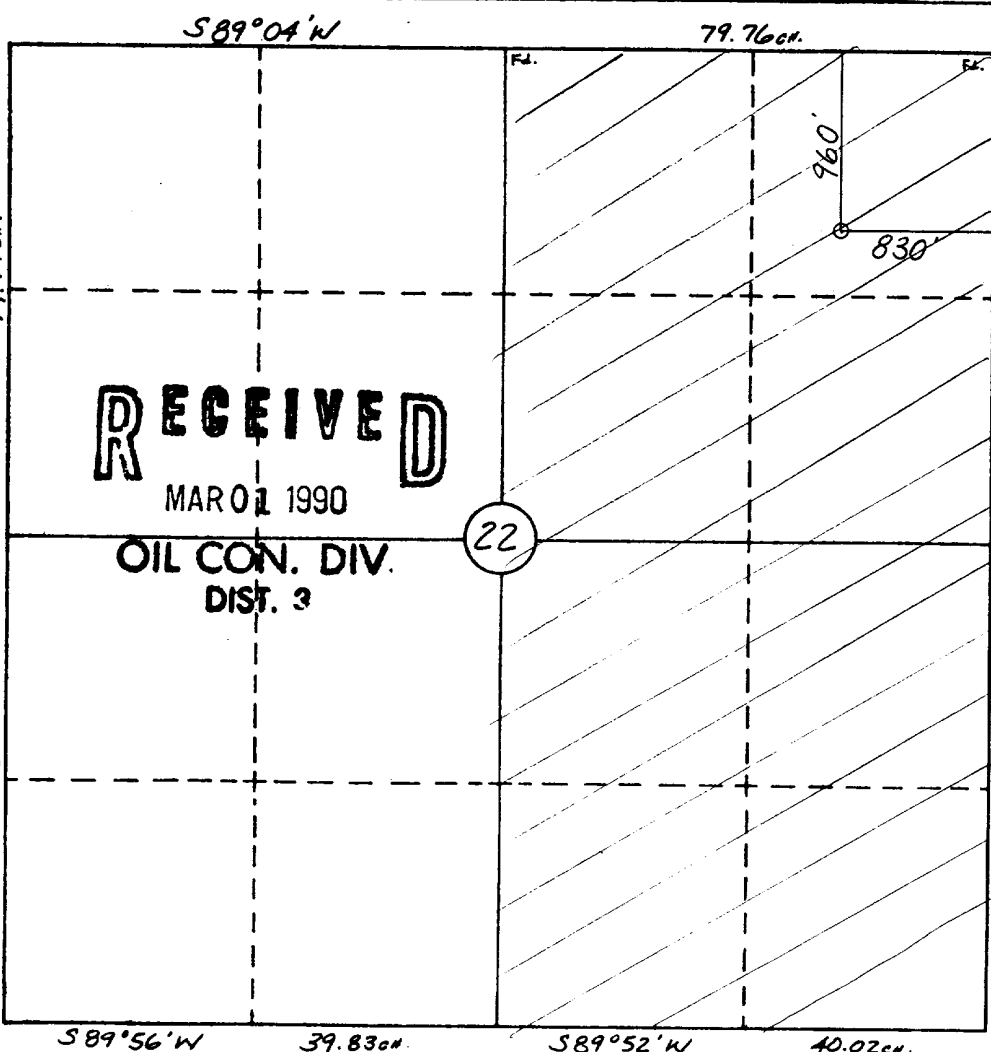
DISTRICT III
1000 Rio Bravos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MORGAN-RICHARDSON OPERATING COMPANY			Lease FEDERAL -22		Well No. 14
Unit Letter A	Section 22	Township 26 N	Range 11 W	County NM PM San Juan	
Actual Footage Location of Well: 960 feet from the North line and 830 feet from the East line					
Ground level Elev. 6339	Producing Formation Fruitland		Pool Basin Britt Coal		Dedicated Acreage: 320 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☐ Yes ☐ No If answer is "yes" type of consolidation _____ If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.					

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



OPERATOR CERTIFICATION

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

Signature *Connie L. Frailey*

Printed Name
Connie L. Frailey

Position
Agent/ Morgan-Richardson

Company
Powers Elevation Co., Inc.

Date
January 11, 1990

SURVEYOR CERTIFICATION

I hereby certify that the well location shown 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 knowledge and belief.

11-24-89

Date Surveyed
William E. Mahnke II

Signature & Seal of
Professional Surveyor

WILLIAM E. MAHNKE II
NEW MEXICO
8466
Certificate No. 8466
REGISTERED PROFESSIONAL LAND SURVEYOR

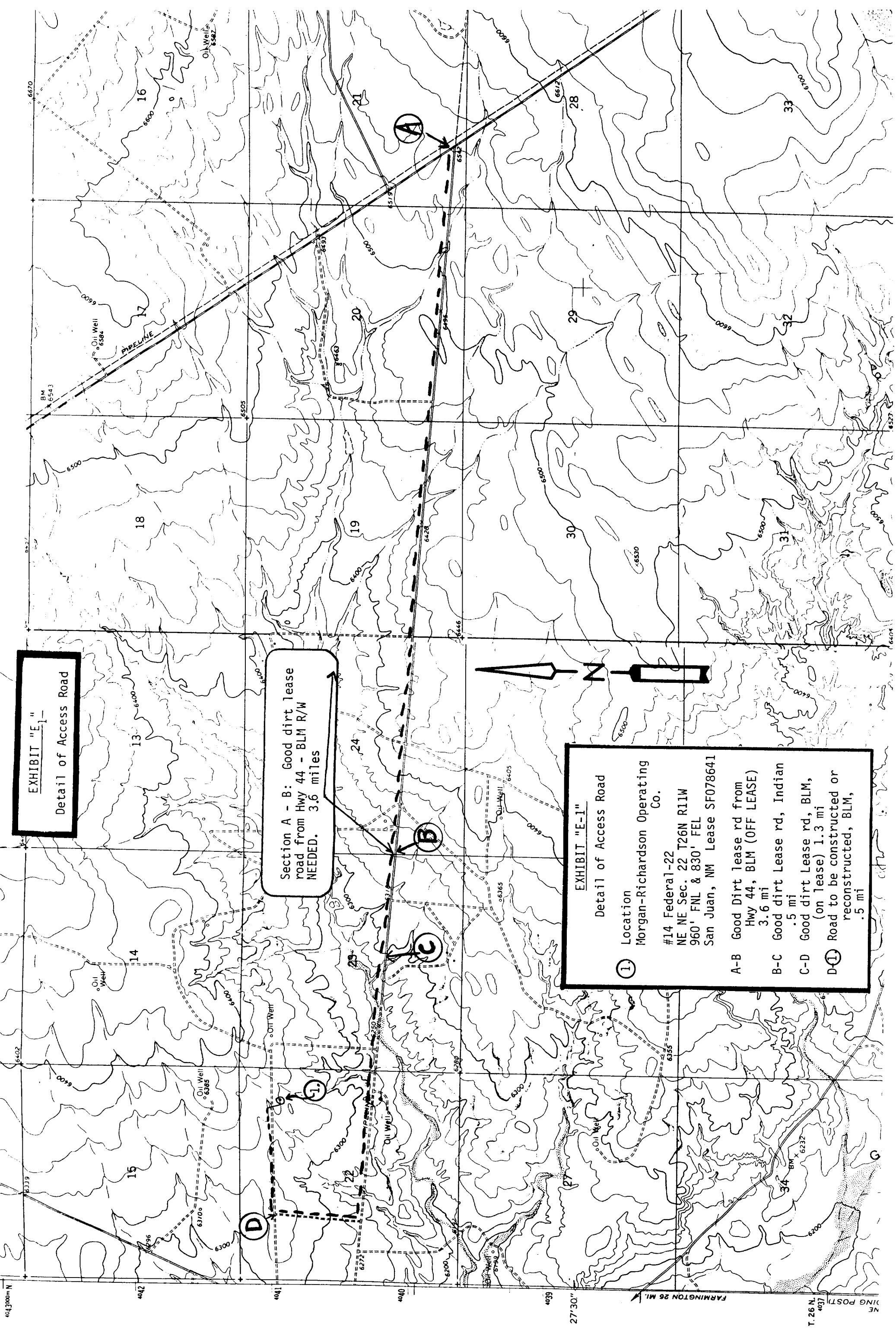


EXHIBIT "E-1"
Detail of Access Road

Section A - B: Good dirt lease road from Hwy 44 - BLM R/W NEEDED. 3.6 miles

EXHIBIT "E-1"
Detail of Access Road

① Location
Morgan-Richardson Operating Co.
#14 Federal-22
NE NE Sec. 22 T26N R11W
960' FNL & 830' FEL
San Juan, NM Lease SF078641

A-B Good Dirt lease rd from Hwy 44, BLM (OFF LEASE)
3.6 mi

B-C Good dirt Lease rd, Indian
.5 mi

C-D Good dirt Lease rd, BLM, (on lease) 1.3 mi

D-① Road to be constructed or reconstructed, BLM, .5 mi