

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

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 "Wells"
890' FNL & 890' FEL (NENE)

At proposed prod. zone
same

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

30 miles southeast of Bloomfield, New Mexico

16. DISTANCE FROM PROPOSED*

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

890'

18. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

1/320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, N/A (D&A)
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

1925

20. ROTARY OR CABLE TOOLS

Rotary

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

6443 GR This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3

22. APPROX. DATE WORK WILL START*

February 1, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# J-55	300	210 sx 50-50 Poz
7-7/8"	4-1/2"	11.6# J-55	1925	260 sx 50-50 Poz

EXHIBITS ATTACHED:

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

RECEIVED

FEB 26 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. David B. Richardson

TITLE President

303-777-4143
January 11, 1990

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

FEB 21 1990

For AREA MANAGER

NMOCD

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

EXHIBIT "A"

Location and Elevation Plat

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

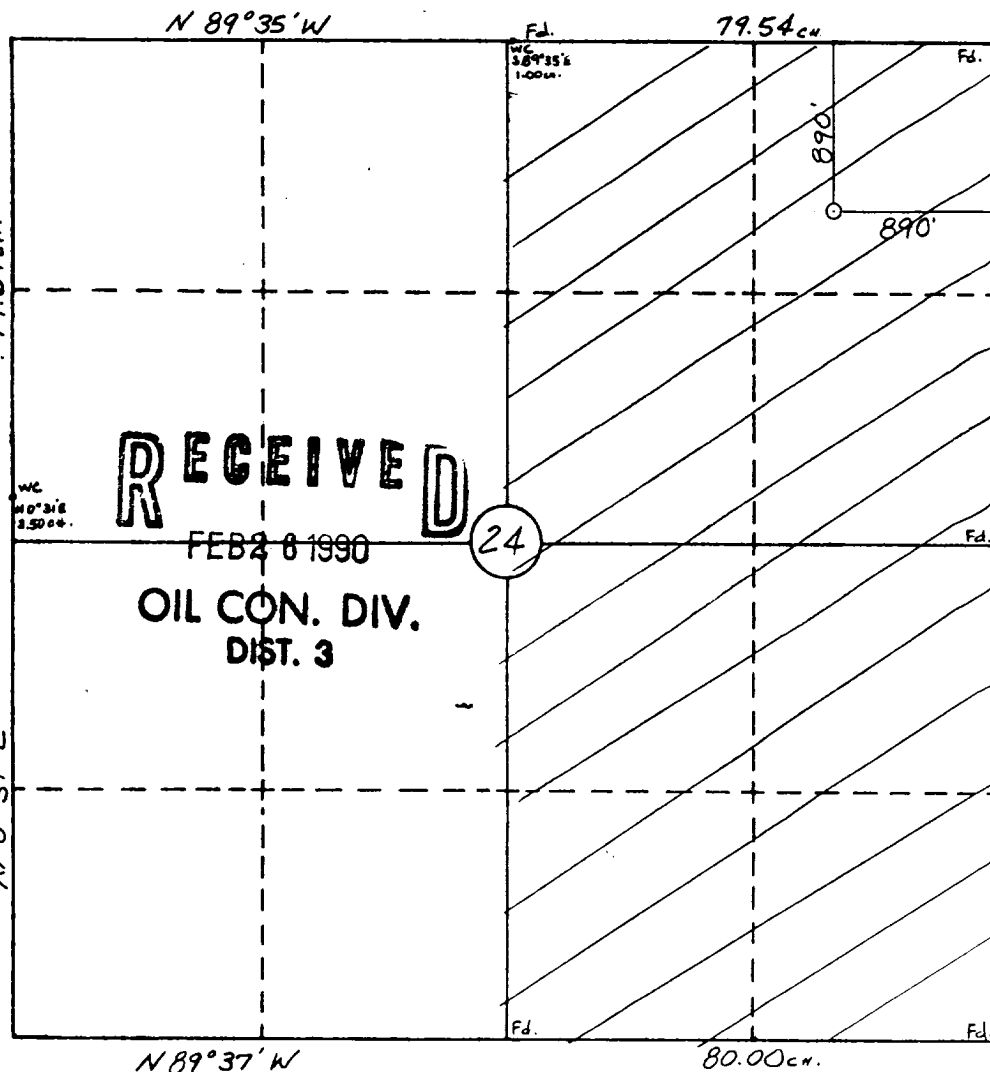
DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MORGAN-RICHARDSON OPERATING CO.		Lease FEDERAL -24		Well No. 14
Unit Lease A	Section 24	Township 25 N	Range 9 W	County San Juan
Actual Package Location of Well: 890 feet from the North line and 890 feet from the East line				
Ground level Elev. 6443	Producing Formation Fruitland	Pool BASIN	Dedicated Acreage: 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>				

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 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.

11-28-89

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

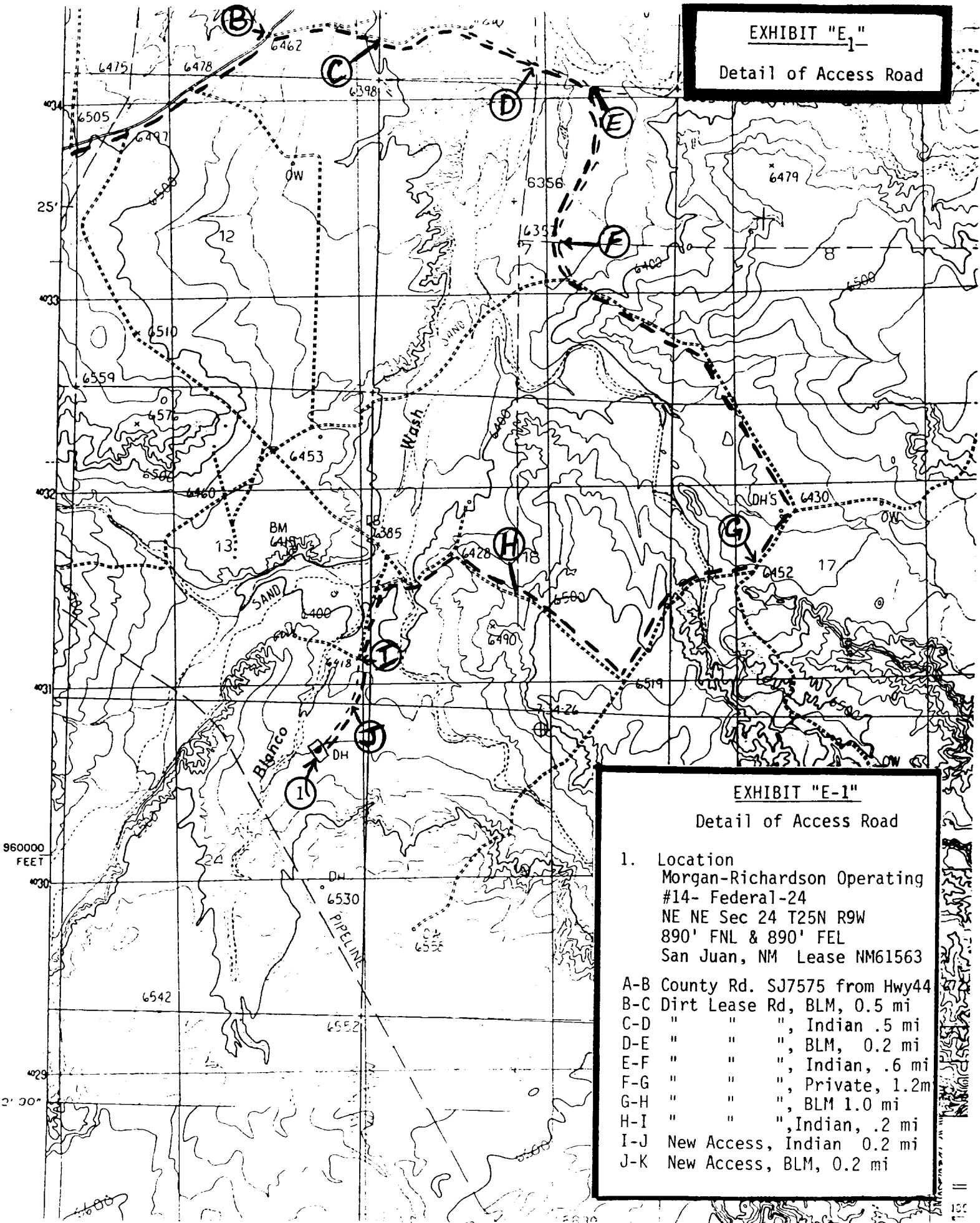


EXHIBIT "E-1"

Detail of Access Road

- Location
Morgan-Richardson Operating
#14- Federal-24
NE NE Sec 24 T25N R9W
890' FNL & 890' FEL
San Juan, NM Lease NM61563
- A-B County Rd. SJ7575 from Hwy44
- B-C Dirt Lease Rd, BLM, 0.5 mi
- C-D " " " , Indian .5 mi
- D-E " " " , BLM, 0.2 mi
- E-F " " " , Indian, .6 mi
- F-G " " " , Private, 1.2m
- G-H " " " , BLM 1.0 mi
- H-I " " " , Indian, .2 mi
- I-J New Access, Indian 0.2 mi
- J-K New Access, BLM, 0.2 mi