

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, CO 80209

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 890' FNL & 990' FEL (NE NE)  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approx 33 miles southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 890'

16. NO. OF ACRES IN LEASE 326.41

17. NO. OF ACRES ASSIGNED TO THIS WELL 320 E/326.41

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

19. PROPOSED DEPTH 2000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.) 6543' GR

22. APPROX. DATE WORK WILL START\* February 1, 1990

5. LEASE DESIGNATION AND SERIAL NO.  
NM 61564

6. IF INDIAN, ALLOTTED OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
N/A Federal-25

9. WELL NO.  
#14

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
A Sec. 25 T25N R9W

12. COUNTY OR PARISH 13. STATE  
San Juan NM

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	200' 120	210 sx Class B
7-7/8"	4-1/2"	11.6# J-55	2000	260 sx 50-50 Poz

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLY WITH ATTACHED "GENERAL REQUIREMENTS".

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" Drilling Program
- "C" Blowout Preventer Diagram
- "D" Surface Use Program
- "E", "E<sub>1</sub>" Access Road Maps
- "F" Radius Map of Field
- "G" Pad Layout, Cuts/Fills, X-sections
- "H" Drill Rig Layout

RECEIVED  
MAY 29 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 Dave B. Richardson TITLE President DATE Jan 11, 1990

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

FOR APT. MANAGER

Submit to Appropriate  
District Office  
State Leases - 4 copies  
Fee Leases - 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

90 JAN 19 AM 11:07

DISTRICT I

P.O. Box 1900, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

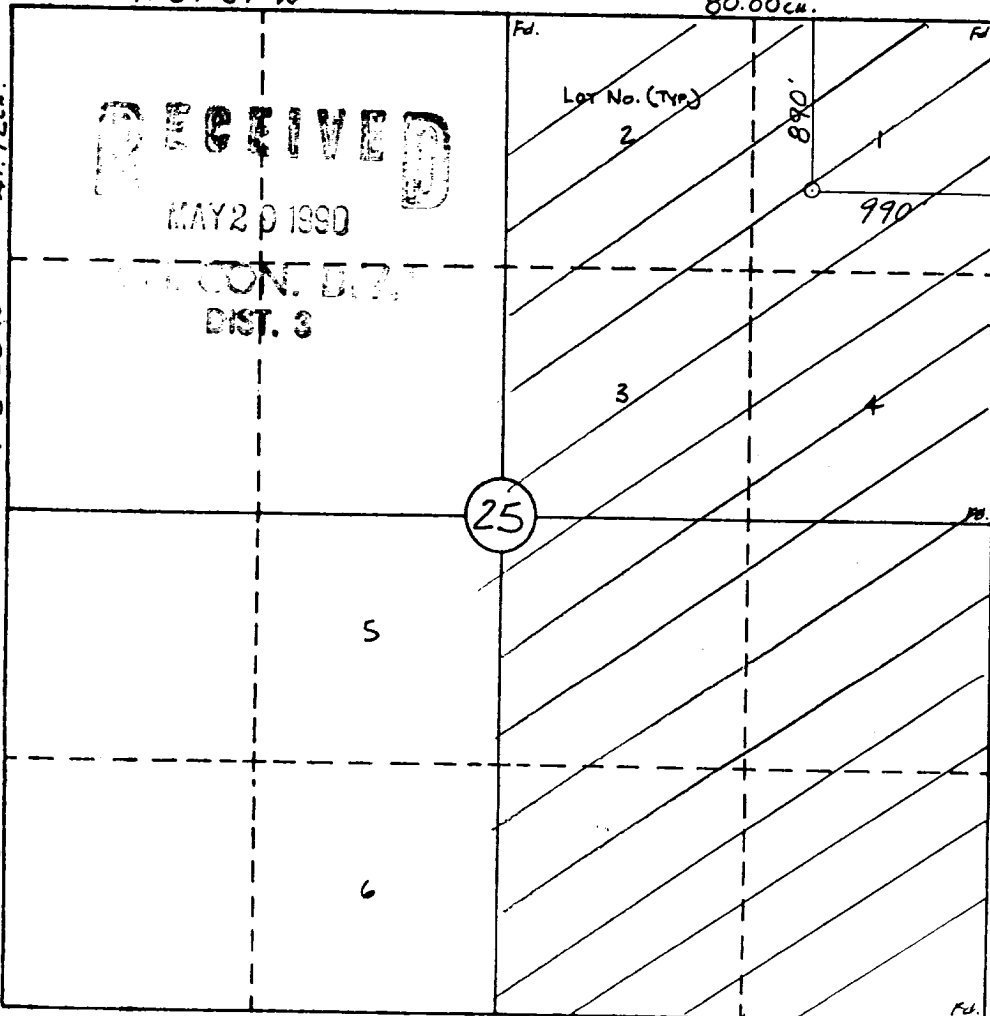
All Distances must be from the outer boundaries of the section

Operator <b>MORGAN-RICHARDSON OPERATING CO.</b>			Lease <b>FEDERAL -25</b>		Well No. <b>14</b>
Unit Letter <b>A</b>	Section <b>25</b>	Township <b>25 N</b>	Range <b>9 W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>890</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>East</b> line					
Ground level Elev. <b>6543</b>	Producing Formation <b>Fruitland</b>		Pool <b>Basin</b>	Dedicated Acreage: <b>320 3/4</b> 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 1500 1000 500 0

N 89°37'W

80.00 ch.



OPERATOR CERTIFICATION

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

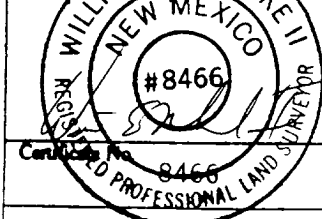
Signature  
*Connie L. Frailey*  
Printed Name  
**Connie L. Frailey**  
Position  
**Agent/Morgan-Richardson**  
Company  
**Powers Elevation Co., Inc.**  
Date  
**Jan 11, 1990**

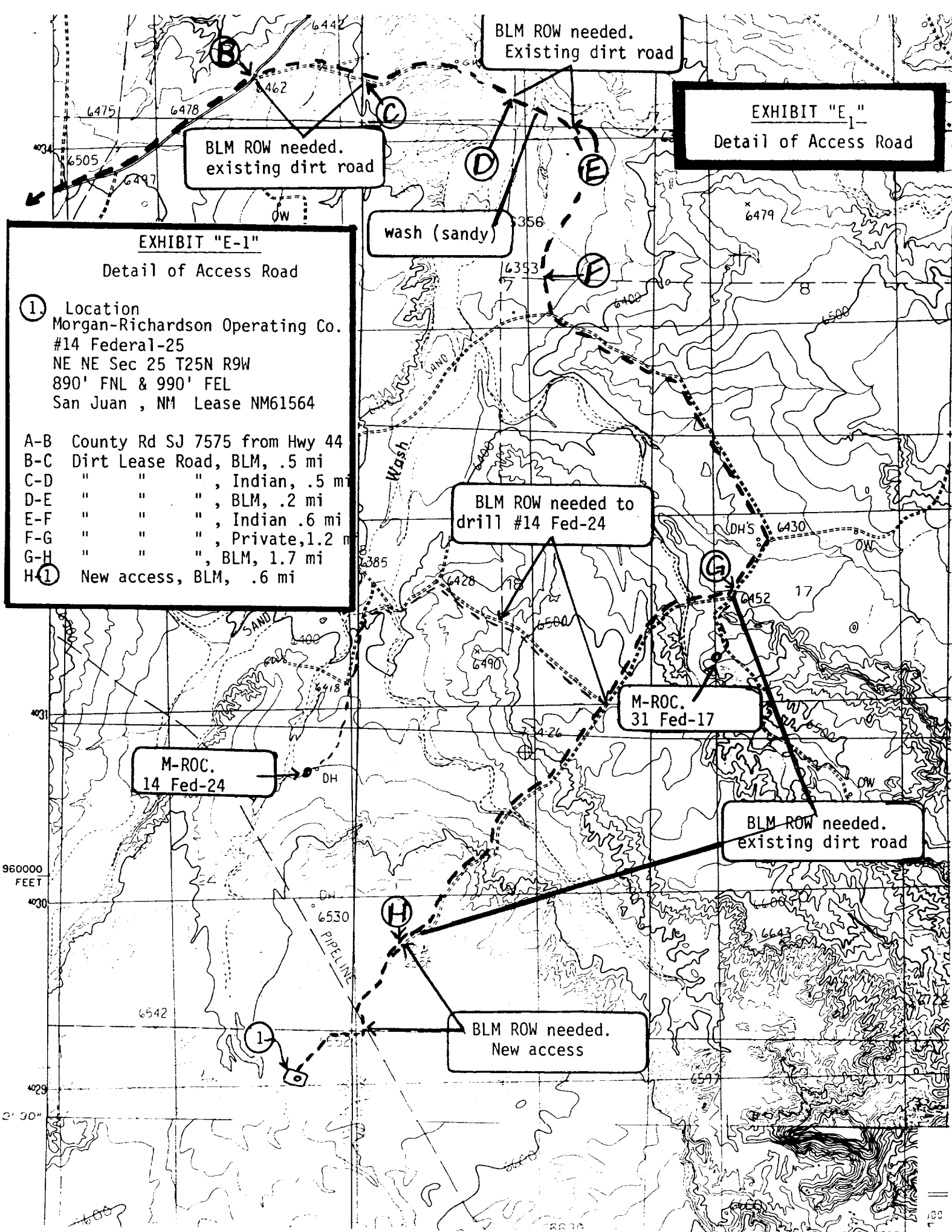
SURVEYOR CERTIFICATION

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.

11-29-89

Date Surveyed  
**William E. Mahnke II**  
Signature & Seal of  
Professional Surveyor





40.55

41.42

41.42  
82.75

41.79

41.79  
4.74

12 41.67

41.67  
166.41

166.41

166.41  
332.82

332.82