

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-045-29014

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  
Marathon Oil Company 14021

3. ADDRESS OF OPERATOR  
P O Box 552, Midland, TX 79702 915/682-1626

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1470' FSL & 1250' FWL, Unit L, NW, SW  
At proposed prod. zone  
1470' FSL & 1250' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
9 miles south of Bloomfield, NM

13. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest Grig. unit line, if any)  
1250'

18. NO. OF ACRES IN LEASE  
± 2400 2081.12

19. PROPOSED DEPTH  
2050'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether by B.T. GR. etc.)  
6282' GL

22. APPROX. DATE WORK WILL START\*  
Sept. 15, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	8.625"	24	300	340 sx. circ to surface
7.875"	5.50"	15.5	2050	450 sx. circ to surface

See attached Multipoint & Drilling Program for specific details.

\* Distance to Schwerdtfeger #21-1, 1305' FSL & 1851' FWL, Sec. 21, T-27-N, R-11-W

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 W.J. Duncan For C.E. Young TITLE Advanced Drilling Engineer DATE 8-03-93

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT 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.

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078872-A 08038274  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Nation - NIIP  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Schwerdtfeger "28" v  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal  
11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA  
L  
Sec. 28, T-27-N, R-11-W  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
NM

RECEIVED  
NOV 3 1993  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
OCT 13 1993  
OCT 13 PM 2:06  
OIL CONSERVATION, NM

APPROVED  
AS AMENDED

OCT 19 1993

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

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BLM

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DISTRICT I

P.O. Box 1980, 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

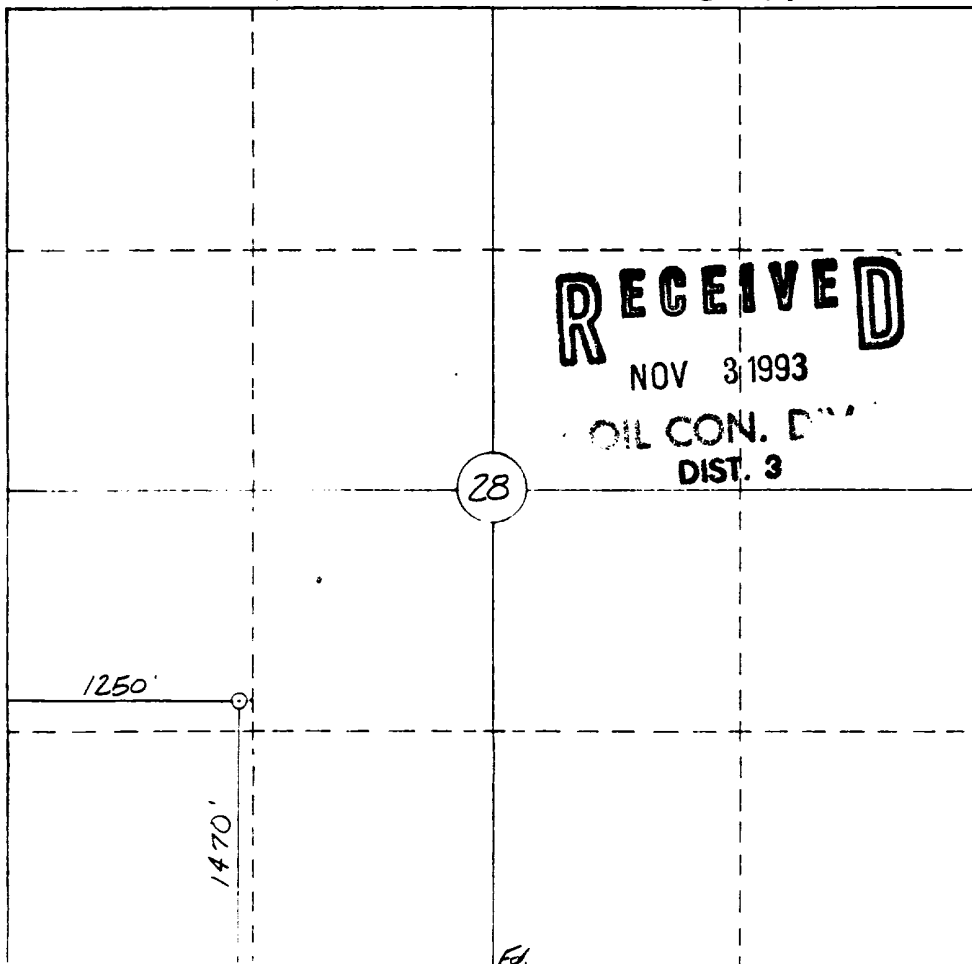
070 FARMINGTON, NM

Operator <b>MARATHON OIL COMPANY</b>			Lease <b>SCHWERTFEGGER 28</b>		Well No. <b>28-1</b>
Unit Letter <b>L</b>	Section <b>28</b>	Township <b>27 N</b>	Range <b>11 W</b>	County <b>NMPM San Juan</b>	
Actual Footage Location of Well: <b>1470</b> feet from the <b>South</b> line and <b>1250</b> feet from the <b>West</b> line					
Ground level Elev. <b>6282</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin Fruitland</b>	Dedicated Acreage: <b>320</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

S 89° 51' W

80.05 ch.



OPERATOR CERTIFICATION

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

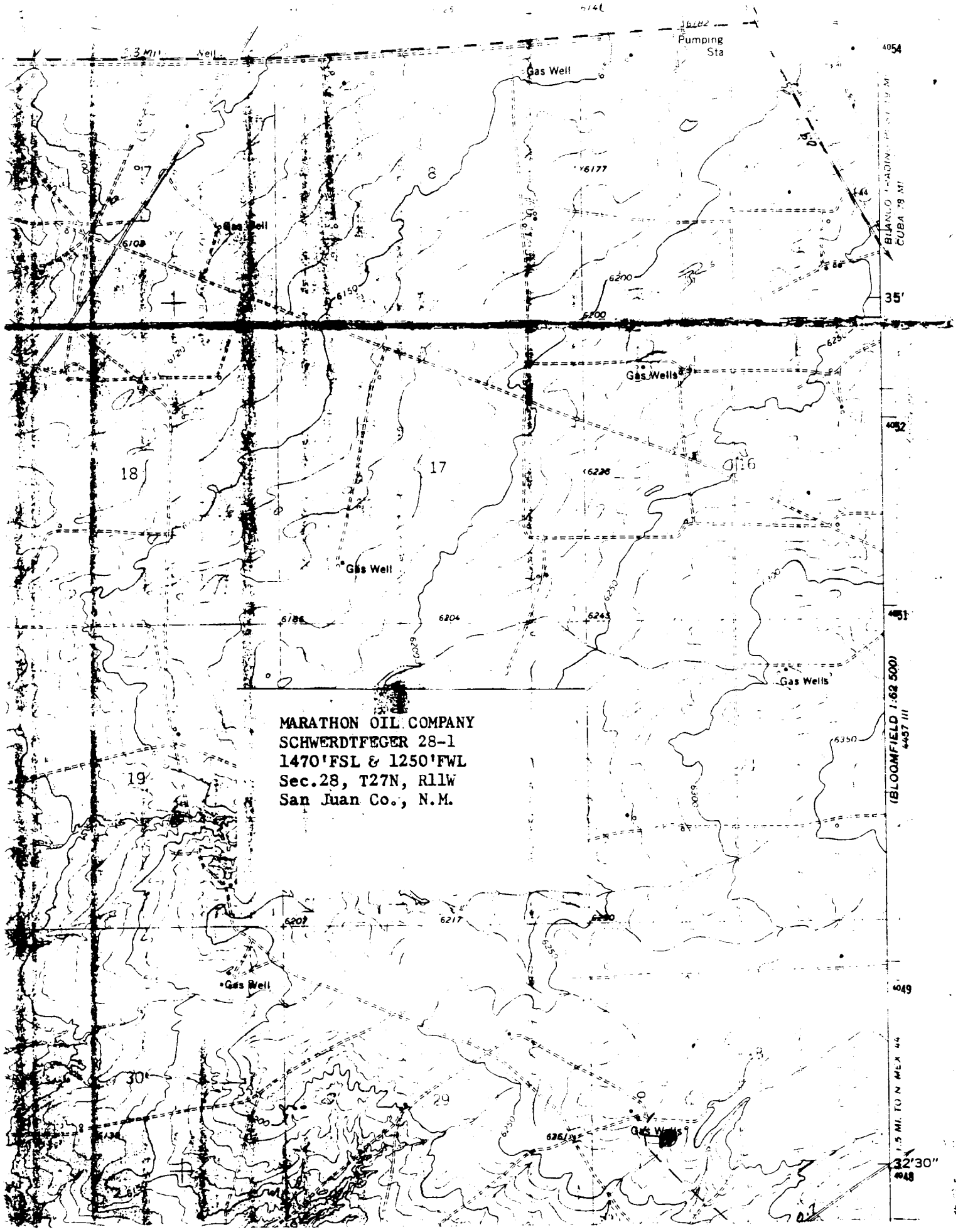
Signature  
*W. J. Young*  
Printed Name  
**C. E. Young**  
Position  
**Dist. Drilling Engineer**  
Company  
**Marathon Oil Company**  
Date  
**August 6, 1993**

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.

16 June 1993

Date Surveyed  
**16 June 1993**  
Signature of Surveyor  
**W. E. MAHNE II**  
Professional Surveyor  
**#8466**  
Certificate No.  
**8466**



MARATHON OIL COMPANY  
SCHWERTFEGER 28-1  
1470' FSL & 1250' FWL  
Sec. 28, T27N, R11W  
San Juan Co., N.M.

4054

4052

4051

649

32'30"

1.5 MI. TO N. MEX. 44

(BLOOMFIELD 1:62,500)  
4437 III

35'

BLANCO 1:40,000  
CUBA 1:50,000

Pumping Sta

Gas Well

Gas Wells

Gas Wells

Gas Well

Gas Well