

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM- 021126	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME Not assigned	
3. ADDRESS OF OPERATOR P. O. Box 552, Midland, TX 79702		8. FARM OR LEASE NAME Ohio "F" Government 20	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1750' FNL & 1650' FEL At proposed prod. zone 1750' FNL & 1650' FEL		9. WELL NO. #201-20-1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles S.E. of LaPlata, NM		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA G Sec. 20, T-31-N, R-12-W	
16. NO. OF ACRES IN LEASE 320 395.95		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None on lease		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6103.9' GR 6104		22. APPROX. DATE WORK WILL START* June 1, 1990	
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM			

This action is subject to technical and procedural review pursuant to 43 CFR 3105.2 and appeal pursuant to 43 CFR 3105.4

CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	175 sacks circ to surface
7-7/8"	5-1/2"	15.5#	385 sacks circ to surface

Propose to drill to TD of $\pm 2400'$.

All casing will be run and cemented in accordance with regulations and by approved methods.

Blowout prevention equipment will be as outlined in Additional Information.

See attached Multipoint Surface Use Plan and Additional Information for specific drilling operations.

RECEIVED

JUN 29 1990

OIL CON. DIV.

DIST. 3

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 [Signature] TITLE Drilling Superintendent DATE 6/24/90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**APPROVED
AS AMENDED**

JUN 27 1990

Ken Townsend

FOR AREA MANAGER

NMOCD

*See Instructions On Reverse Side

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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

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

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

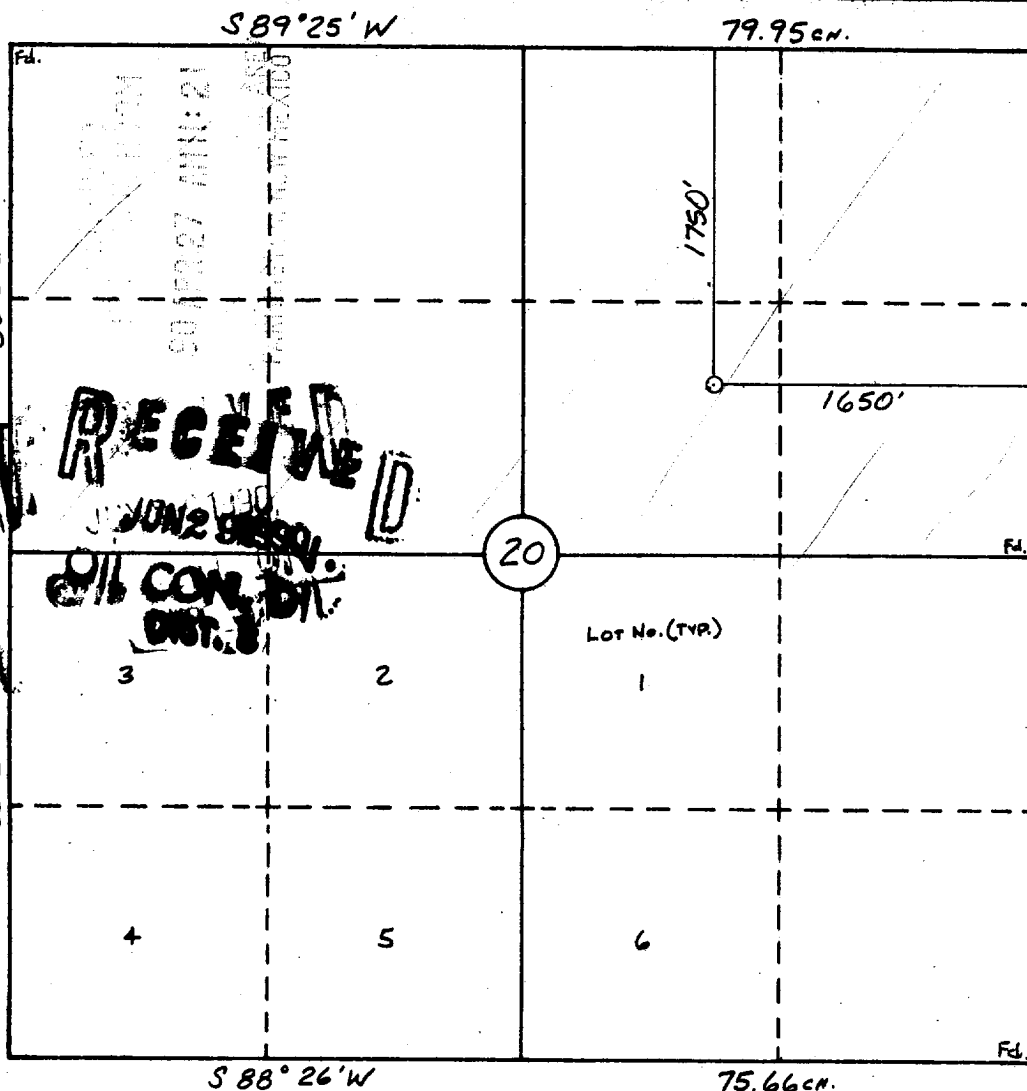
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARATHON OIL COMPANY			Lease OHIO F GOVERNMENT 20		Well No. 20-1
Unit Letter G	Section 20	Township 31 N	Range 12 W	County San Juan	
Actual Footage Location of Well: 1750 feet from the North line and 1650 feet from the East line					
Ground level Elev. 6104	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 1/2 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 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



OPERATOR CERTIFICATION

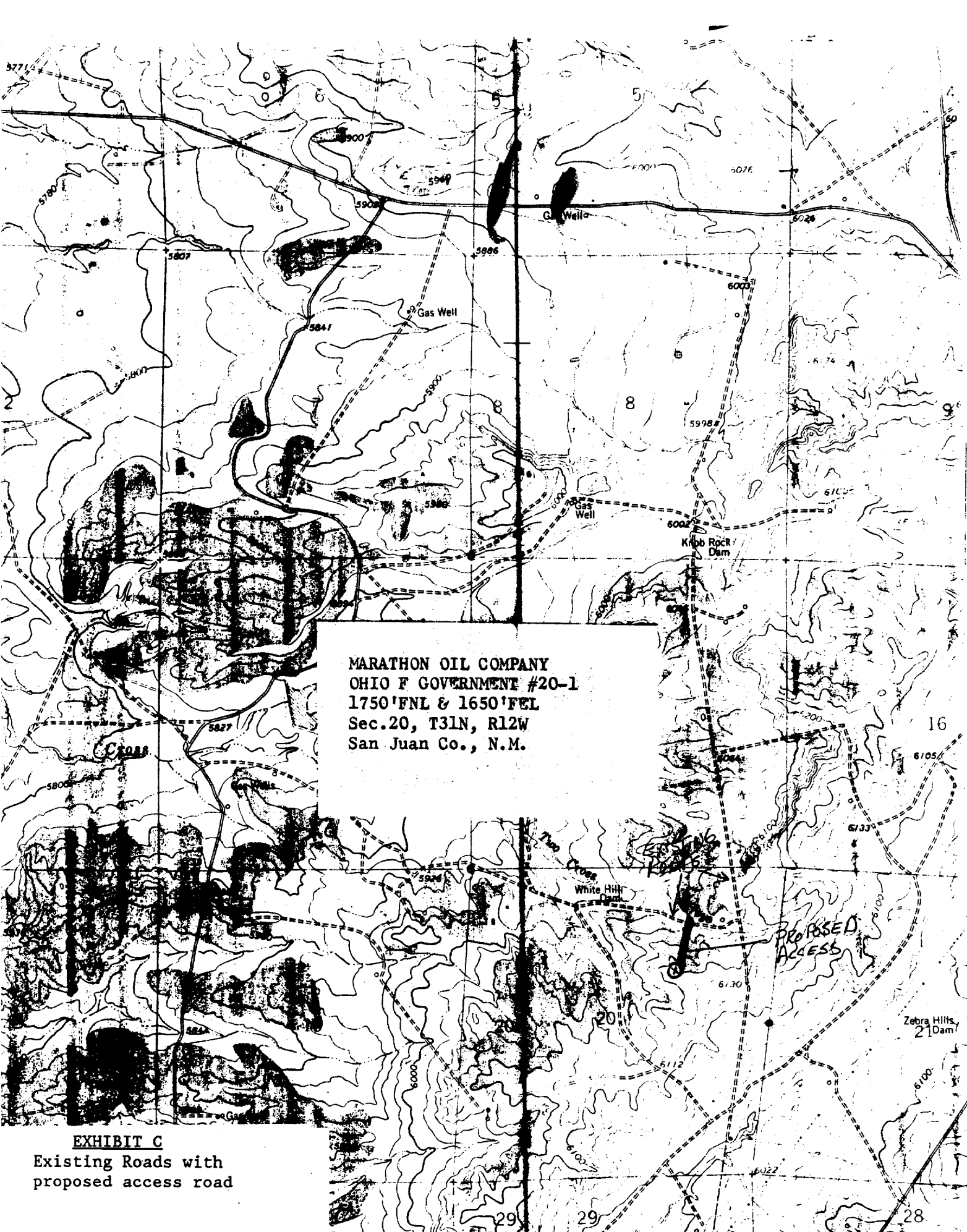
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
S. L. Atnipp
Printed Name
S. L. Atnipp
Position
Drilling Superintendent
Company
Marathon Oil Company
Date
4/24/90

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.
3-30-90

Date Surveyed
William B. Mahnke II
Signature of Surveyor
Professional Surveyor
NEW MEXICO
#8466
WILLIAM B. MAHNKE II
PROFESSIONAL LAND SURVEYOR



MARATHON OIL COMPANY
OHIO F GOVERNMENT #20-1
1750'FNL & 1650'FEL
Sec.20, T31N, R12W
San Juan Co., N.M.

EXHIBIT C
Existing Roads with
proposed access road

1754000 E. INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1980
1 230 000 FEET (COLO.)

100° 07' 30"

1757

420 000 FEET (N. MEX.) 1758

FLORA VISTA

Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and U. S. Bureau of Reclamation

ROAD CLASSIFICATION

$$\begin{array}{r}
 157.35 \\
 \underline{156.33} \\
 1.02
 \end{array}$$