

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-27830
RECEIVED
MAY 25 1990
50 MAR - 5 PM 2:00
SINGLE ZONE
MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.
SF-021125

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Not assigned

8. FARM OR LEASE NAME
Ohio "E" Government

9. WELL NO.
18-1

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 18, T-31-N, R-12-W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 552, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1265' FNL & 1440' FEL
At proposed prod. zone
1265' FNL & 1440' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4.5 miles S.E. of Bloomfield, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1265'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320 E/2

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
None on lease

19. PROPOSED DEPTH
2275'

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
April 1, 1990

This action is subject to technical and
preceding review pursuant to 43 CFR 3165.2
and appeal pursuant to 43 CFR 3165.4

PROPOSED CASING AND CEMENTING PROGRAM DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	250'	175 sx - circ to surface
7-7/8"	5-1/2"	15.5#	2275'	285 sx - circ to surface

Propose to drill to TD of \pm 2275'.

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.

"Approval of this action does
not warrant that the applicant
holds legal or equitable rights
or title to this lease."

RECEIVED
MAY 25 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

TITLE Drilling Superintendent

DATE

3/3/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

APPROVED

DATE

MAY 24 1990

Ken Townsend
FOR AREA MANAGER

*See Instructions On Reverse Side

RECEIVED
MAY 2 1930
OIL COMPANY
• 1012

• 1012
MAY 2 1930
OIL COMPANY
• 1012

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

RECEIVED
MAIL ROOM
Form C-102
Revised 3-1-89

90 MAR -5 PM 2:00

LAND SURVEY AREA
FARMINGTON, NEW MEXICO

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

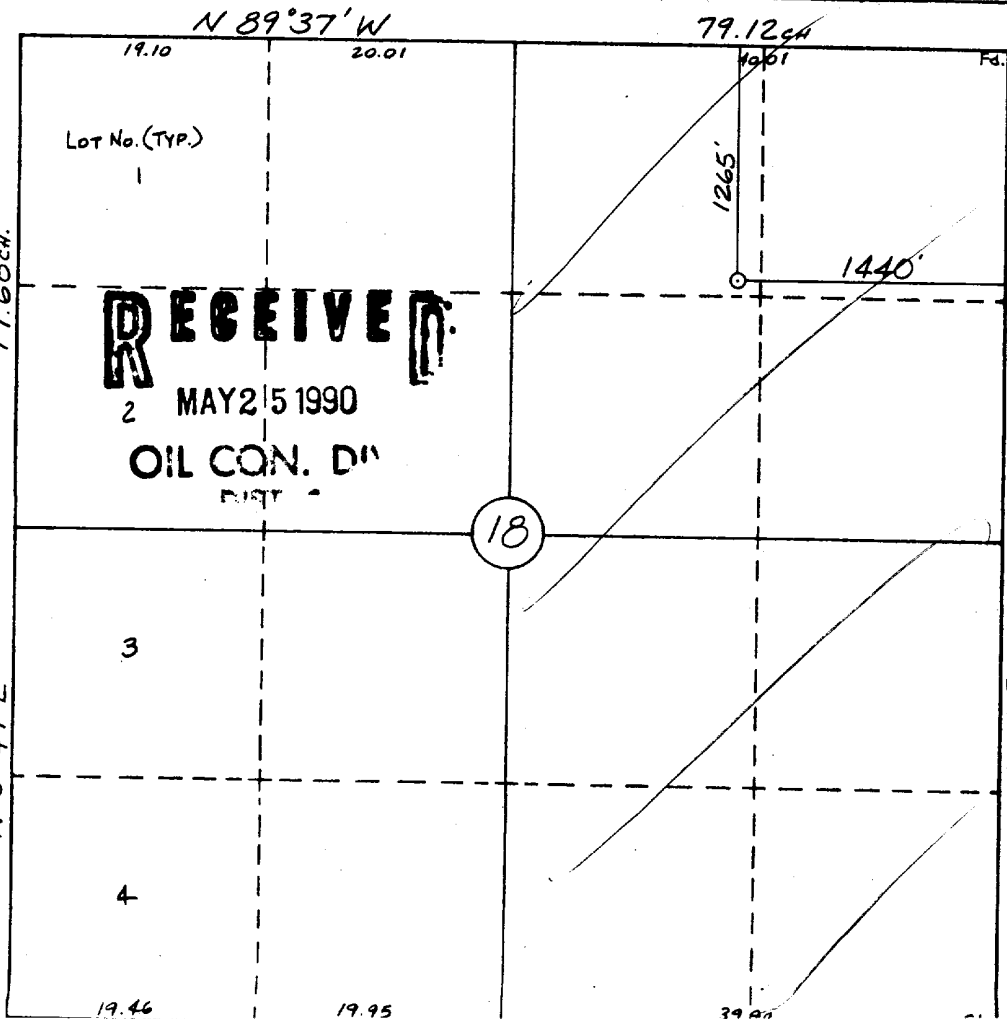
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

Operator MARATHON OIL COMPANY			Lease OHIO & GOVERNMENT		Well No. 18-1
Unit Letter B	Section 18	Township 31 N	Range 12 W	County San Juan	
Actual Footage Location of Well: 1265 feet from the North line and 1440 feet from the East line					
Ground level Elev. 5903	Producing Formation Fruitland	Pool Basin Fruitland Coal		Dedicated Acreage: 320 $\frac{1}{2}$ 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 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
S. L. Atnipp

Printed Name
S. L. Atnipp

Position
Drilling Superintendent

Company
Marathon Oil Company

Date
3/3/90

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.

2-25-90

Date Surveyed
William E. Mahnke II

Signature & Seal of Professional Surveyor

WILLIAM E. MAHNKE II
NEW MEXICO
#8466
REGISTERED PROFESSIONAL LAND SURVEYOR

Certification No.
8466

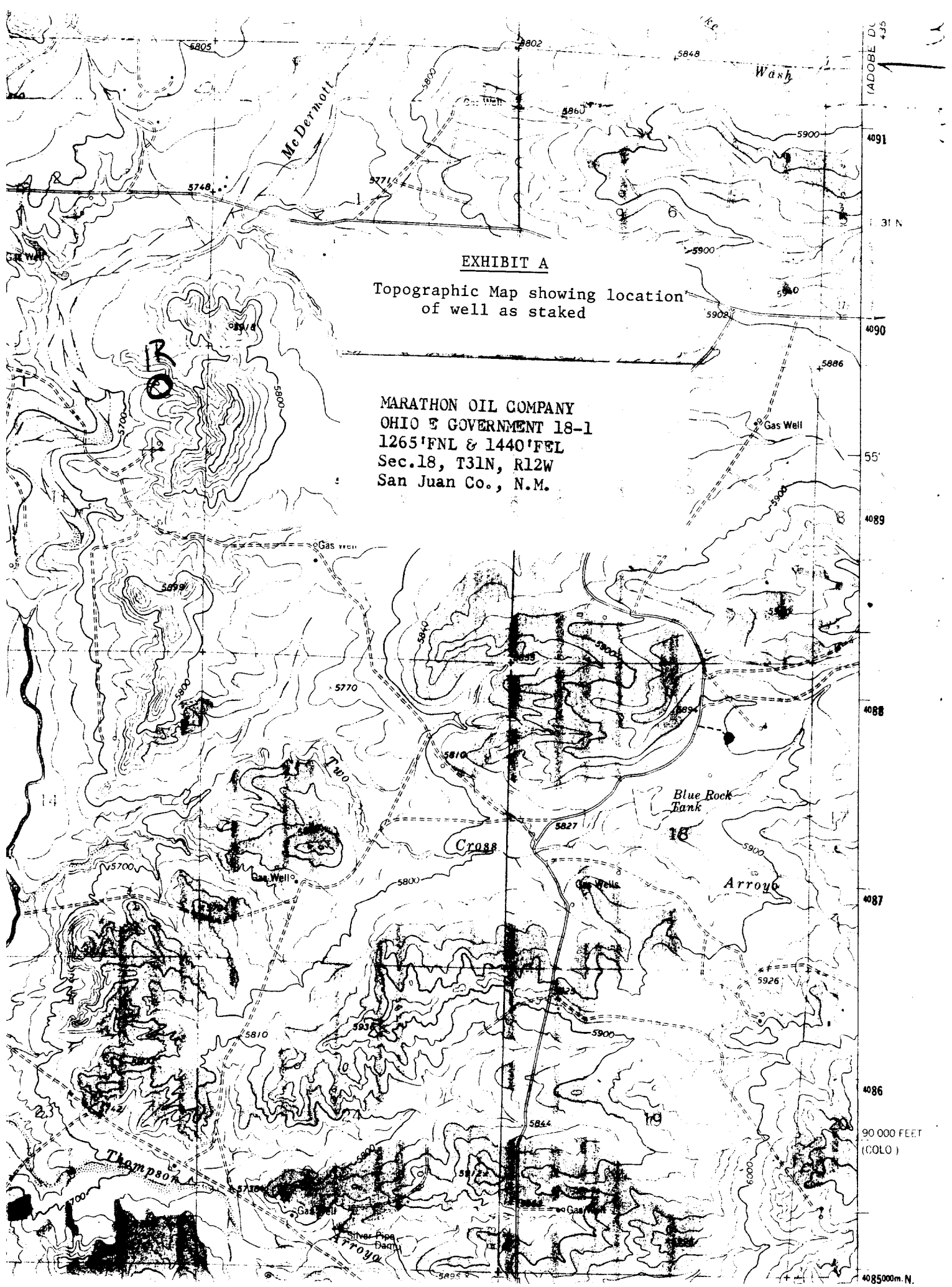


EXHIBIT A

Topographic Map showing location
of well as staked

MARATHON OIL COMPANY
OHIO & GOVERNMENT 18-1
1265'FNL & 1440'FEL
Sec.18, T31N, R12W
San Juan Co., N.M.

ADOBE DL 435
4091
31 N
4090
55'
4089
4088
4087
4086
90 000 FEET
(COLO)
4085000m. N.