

(July 1992)

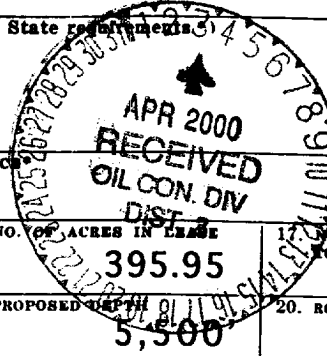
**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN THIS MANNER  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NMNM-021126</b>	
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 <b>N/A</b>	
2. NAME OF OPERATOR <b>Marathon Oil Company (915) 682-1626</b>		7. UNIT AGREEMENT NAME <b>N/A 25410</b>	
3. ADDRESS AND TELEPHONE NO. <b>P. O. Box 552, Midland, Tx. 79702-0552</b>		8. FARM OR LEASE NAME, WELL NO. <b>Ohio F 1 B</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>1840' FNL &amp; 710' FWL</b> At proposed prod. zone <b>Same</b>		9. API WELL NO. <b>30-045-30129</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <b>5 air miles SE of LaPlata, NM</b>		10. FIELD AND POOL, OR WELLCAT <b>Blanco Mesa Verde</b>	
16. NO. OF ACRES IN LEASE <b>395.95</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>N/ 320</b>	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA <b>20-31n-12w NMPM</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1352'</b>	19. PROPOSED DEPTH <b>5,500'</b>	12. COUNTY OR PARISH <b>San Juan</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6,064' ungraded ground</b>		13. STATE <b>NM</b>	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		22. APPROX. DATE WORK WILL START* <b>Apr. 5, 2000</b>	



**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	350'	≈289 cu ft & to surface
7-7/8"	4-1/2" (J-55)	11.6#	5,500'	≈1829 cu ft & to surface

*This APD is also serving as a road right-of-way application. Right-of-way is 25' wide and 7,700' long (=4.42 acres) and crosses Lots 3 & 4 Sec. 18 and Lot 1, NENW, & NE4 Sec. 19; all T. 31 N., R. 12 W. Start of this right-of-way application is a previously applied for right-of-way filed as part of Marathon's Ohio F 1 C APD dated 1-19-00.*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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. **Consultant (505) 466-8120** **2-9-00**  
SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY: *chse*

APPROVED BY **/s/ Charlie Beecham** TITLE \_\_\_\_\_ DATE **MAR 30 2000**

**\*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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 021126 <b>NMNM-021126</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Marathon Oil Company (915) 682-1626</b>		7. UNIT AGREEMENT NAME <b>N/A</b>	
3. ADDRESS AND TELEPHONE NO. <b>P. O. Box 552, Midland, Tx. 79702-0552</b>		8. FARM OR LEASE NAME, WELL NO. <b>Ohio F 1 B</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface: <b>1840' FNL &amp; 710' FWL</b> At proposed prod. zone: <b>Same</b>		9. API WELL NO. <b>30-045-30129</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>5 air miles SE of LaPlata, NM</b>		10. FIELD AND POOL, OR WILDCAT <b>Blanco Mesa Verde</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) <b>710'</b>	16. NO. OF ACRES IN LEASE <b>395.95</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>20 18-31n-12W NMPM</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1352'</b>	19. PROPOSED DEPTH <b>5,500'</b>	12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>NM</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6,064' ungraded ground</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
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This APD is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, 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.

SIGNED [Signature] TITLE Consultant (505) 466-8120 DATE 2-6-00

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: **NMOCD**

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

\*See Instructions On Reverse Side

District I  
PO Box 1986, Hobbs, NM 88241-1986  
District II  
PO Drawer D6, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

APL Number <b>30-04530129</b>		Pool Code <b>72319</b>	Pool Name <b>BLANCO - MESA VERDE</b>
Property Code <b>25400</b>	Property Name <b>OHIO "P"</b>		Well Number <b>1-B</b>
OCRII No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>		Elevation <b>6064</b>

## Surface Location

UI. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>20</b>	<b>31 N</b>	<b>12 W</b>		<b>1840</b>	<b>North</b>	<b>710</b>	<b>West</b>	<b>San Juan</b>

## Bottom Hole Location If Different From Surface

UI. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Rd. / <b>S89°25'W</b> / Rd. / <b>79.95'W</b> / 		<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: Printed Name: <b>BRIAN WOOD</b> Title: <b>CONSULTANT</b> Date: <b>FEB. 6, 2000</b>	
Lot No. (TYP.) <b>3</b>		<b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of recent surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date of Survey: <b>APR 2000</b> Signature: Seal of Professional Surveyor: William C. Mahnke II Certificate Number: <b>8466</b>	

Sec. 20

Lot No. (TYP.) 3

710'

1840'

S88°26'W

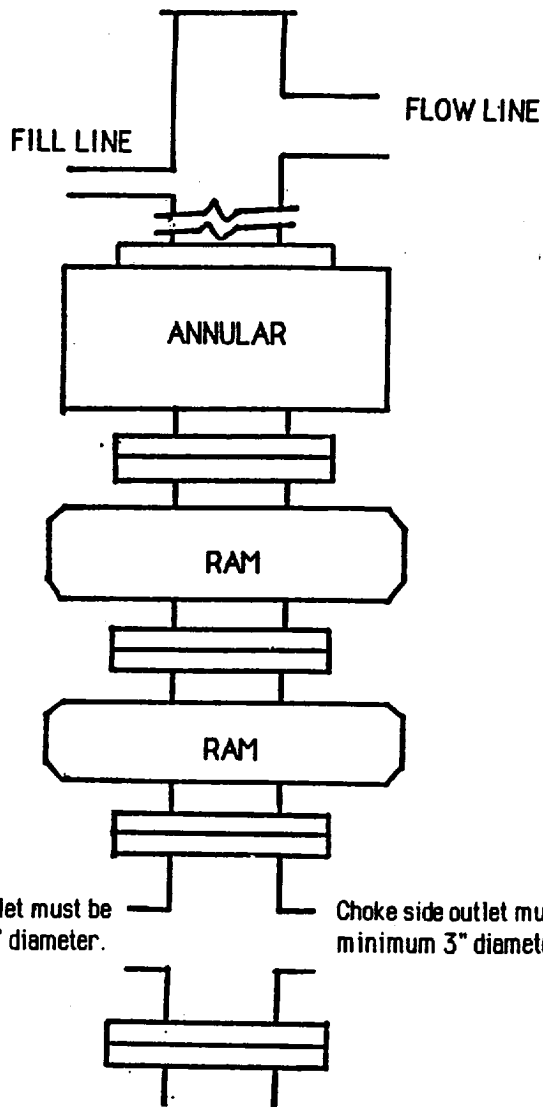
75.66'W

N 3°55'E

N 7°01'E

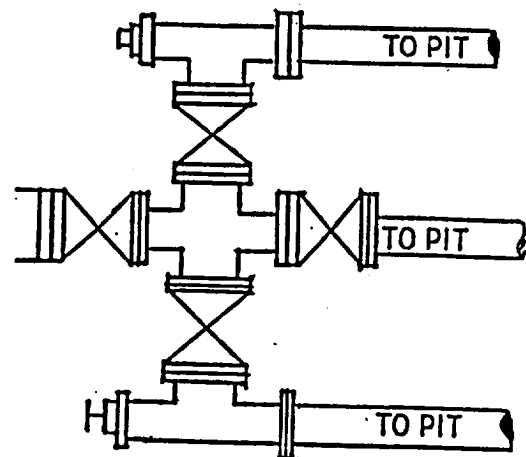
Marathon Oil Company  
 Ohio F 1 B  
 1840' FNL & 710' FWL  
 Sec. 20, T. 31 N., R. 12 W.  
 San Juan County, New Mexico

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TYPICAL BOP STACK  
& CHOKES MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.

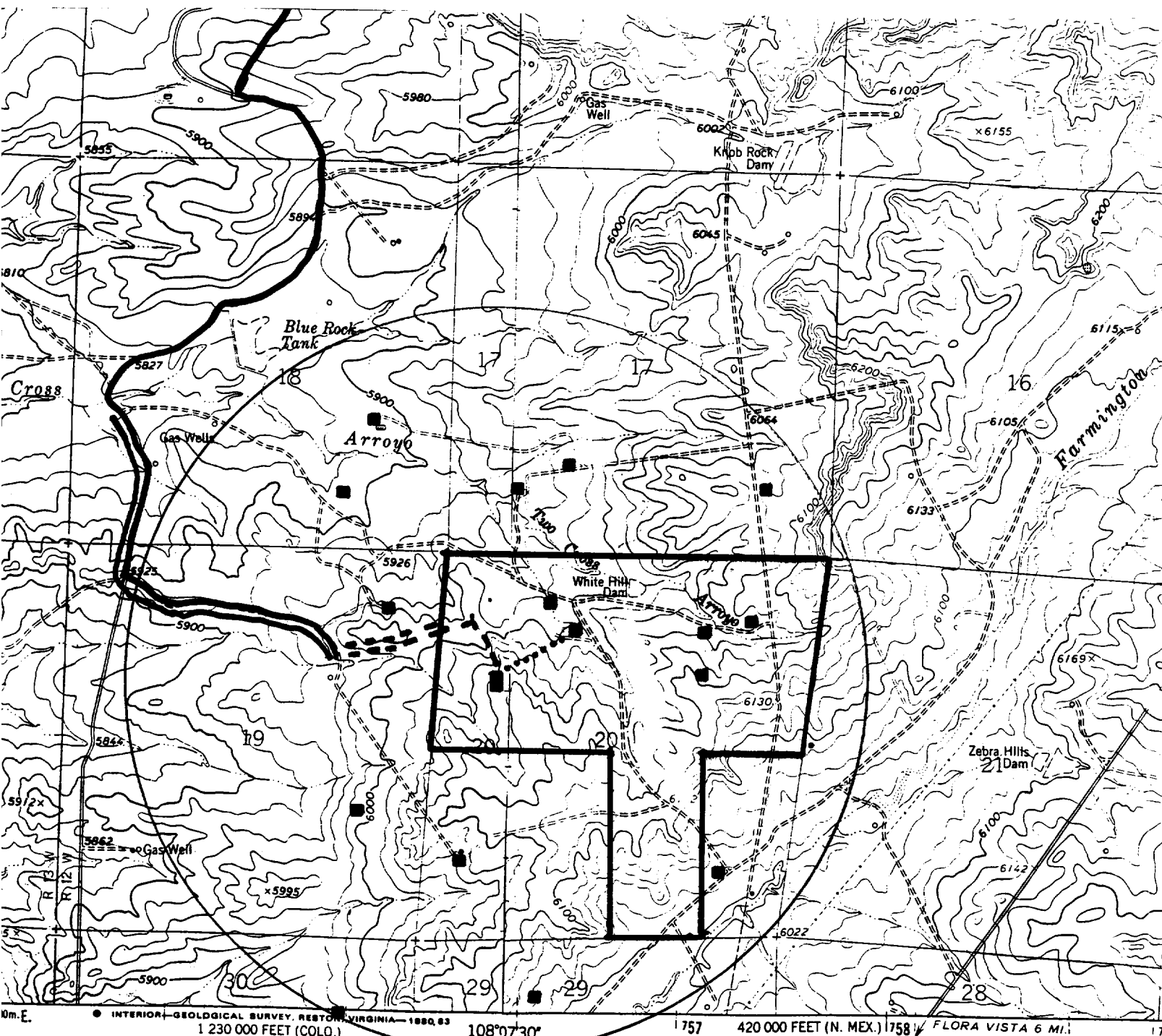


Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.  
 Safety valve and subs will fit all drill string connections in use.  
 All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

Marathon Oil Company  
 Ohio F 1 B  
 1840' FNL & 710' FWL  
 Sec. 20, T. 31 N., R. 12 W.  
 San Juan County, New Mexico

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Mapped, edited, and published by the Geological Survey

PROPOSED WELL: ■ EXISTING WELL: ■  
 PROPOSED ROAD\*: - - - EXISTING ROAD\*: ~~~~~  
 PROPOSED GAS LINE: . . . LEASE BOUNDARY: L

\*doubled symbol marks right-of-way portion

**PERMITS WEST** .INC.  
 PROVIDING PERMITS for LAND USERS