

Form 3160-5  
June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P.O. Box 552, Midland, TX 79702 915/687/8324

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL "E", 1980' FNL, 660' FWL  
SEC 12, T-21-S, R-23-E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-05608

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bone Flats "12" Fed Com 2

9. API Well No.

301015/28304

10. Field and Pool, or exploratory Area

South Dagger Draw, Upper Perm

11. County or Parish, State

Eddy Co., NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Attaching Casing  
☒ Other Surface Commingling  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-off  
☐ Conversion to Injection  
☐ Dispose Water

Note: Report results of multiple completion or Re-completion, Report and Log form.

3. Describe Proposed or Completed Operations: "Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work."

Marathon Oil Company requests that this well be included in the MOC FEDERAL CONSOLIDATED FACILITY, located in UL "D", Section 1, Township 21-S, Range 23-East, Surface Commingling, Off Lease Measurement and Storage, and the installation and use of a LACT were approved for the Consolidated Facility on October 6, 1994.

RECEIVED

MAY 17 1995

OIL CON. DIV.  
DIST. 2

4. I hereby certify that the foregoing is true and correct

Signed

Thomas M. Price

Title Advanced Engineering Tech.

Date

This space for Federal or State office use

Approved by

Title

Date

Conditions of approval, if any:

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 statement or representations as to any matter within its jurisdiction.

CRA BLM FORMAT

APPLICATION FOR SURFACE COMMINGLING  
OFF LEASE STORAGE AND MEASUREMENT APPROVAL

To: Bureau of Land Management  
P.O. Box 1778  
Carlsbad, New Mexico  
88220-1778

Marathon Oil Company is requesting approval for Surface Commingling, and Off Lease Storage & Measurement of Hydrocarbon Production from the following formation and well(s) on Federal Lease No 04827-B; Lease Name: MOC Federal

<u>WELL NO.</u>	<u>LOCATION</u>	<u>SEC</u>	<u>TWP</u>	<u>RNG</u>	<u>FORMATION</u>
1	990 FNL & 1855 FEL	1	21-S	23-E	Upper Penn
3	760 FNL & 660 FWL	1	21-S	23-E	Upper Penn
4	1980 FWL & 660 FWL	1	21-S	23-E	Upper Penn
2	1980 FSL & 1980 FEL	1	21-S	23-E	Upper Penn
5	1650 FNL & 1650 FWL	1	21-S	23-E	Upper Penn
7	890 FSL & 1750 FWL	1	21-S	23-E	Upper Penn

with Hydrocarbon Production from the following formation(s) and well s, on Federal Unit Lease # 04827-B, 05551 & 05551-B; Lease Name North Indian Basin Unit.

<u>WELL NO.</u>	<u>LOCATION</u>	<u>SEC</u>	<u>TWP</u>	<u>RNG</u>	<u>FORMATION</u>
7	1650 FSL & 1650 FWL	11	21-S	23-E	Upper Penn
13	2050 FNL & 660 FEL	2	21-S	23-E	Upper Penn
10	330 FNL & 2310 FWL	11	21-S	23-E	Upper Penn
14	660 FNL & 2310 FEL	2	21-S	23-E	Upper Penn
16	1980 FSL & 825 FEL	11	21-S	23-E	Upper Penn
19	990 FSL & 1986 FEL	11	21-S	23-E	Upper Penn

With Hydrocarbon Production from the following formations(s) and well(s) on Federal Lease(s) No. 05608 & 05551-A, 05551, 81677; Lease Name Bone Flats Federal "12".

<u>WELL NO.</u>	<u>LOCATION</u>	<u>SEC</u>	<u>TWP</u>	<u>RNG</u>	<u>FORMATION</u>
1	990 FNL & 990 FWL	12	21-S	23-E	Upper Penn
2	1980 FNL & 660 FWL	12	21-S	23-E	Upper Penn

Continued...

Continued:

Production from the wells is as follows:

<u>Well Name and Number</u>	<u>BOPD</u>	<u>Oil Gravity</u>	<u>MCFPD</u>
MOC Federal # 1	2	60.0	2309
<b>MOC Federal # 2</b>	<b>232</b>	<b>41.6</b>	<b>306</b>
MOC Federal # 3	30	42.0	426
MOC Federal # 4	89	43.0	200
<b>MOC Federal # 5</b>	<b>470</b>	<b>42.5</b>	<b>797</b>
<b>MOC Federal # 7</b>	<b>1164</b>	<b>42.4</b>	<b>910</b>
North Indian Basin Unit # 7	73	43.0	79
<b>North Indian Basin Unit # 10</b>	<b>500</b>	<b>42.6</b>	<b>2415</b>
North Indian Basin Unit # 13	10	50.0	3060
<b>North Indian Basin Unit # 14</b>	<b>437</b>	<b>41.7</b>	<b>1639</b>
<b>North Indian Basin Unit # 16</b>	<b>549</b>	<b>43.0</b>	<b>534</b>
<b>North Indian Basin Unit # 19</b>	<b>690</b>	<b>41.6</b>	<b>1406</b>
Bone Flats Federal "12" # 1	224	43.5	433
<b>Bone Flats Federal "12" # 2</b>	<b>1600</b>	<b>42.4</b>	<b>1700</b>

The proposed operation is described in detail on the attached diagrams.

A map is enclosed showing the lease numbers and locating of all leases and wells that will contribute production to the commingling/common storage facility. All unitized/communitized areas and, producing zones/pools are also clearly illustrated. A schematic diagram is also illustrated which clearly identifies all equipment that will be utilized.

The Storage and Measuring facility is located at NW/4, Section 1, T-21-S, R-23-E, Eddy County, New Mexico. BLM will be notified of any change in facility location.

Details of the method for allocation production to contributing sources is as follows:

MOC Federal= (Sum of oil readings from MOC Federal/Sum of all oil Readings) X Gross Consolidated Facility Production.

North Indian Basin Unit= (Sum of oil readings from N. Indian Basin Unit/Sum of all oil readings) X Gross Consolidated Facility Production.

Bone Flats Federal " 12" = (Sum of Bone Flats Federal "12"/Sum of all oil readings) X Gross Consolidated Facility Production.

Stinking Draw=(Sum of oil readings from Stinking Draw/Sum of all oil readings) X Gross Consolidated Facility Production.

Continued...

Continued

The working interest owners have been notified of this proposal.

The proposed commingling of production is in the interest of conservation and will not result in reduced royalty or improper measurement of production.

The proposed commingling is necessary for continued operation of the above referenced Federal leases.

We understand that the requested approval will constitute the granting of any right-of-way or construction rights not granted by lease instrument and, we will submit within 30 days an application for right-of-way to the BLM's Realty Section in your office if we have not already done so.

Additional wells require additional commingling approvals.

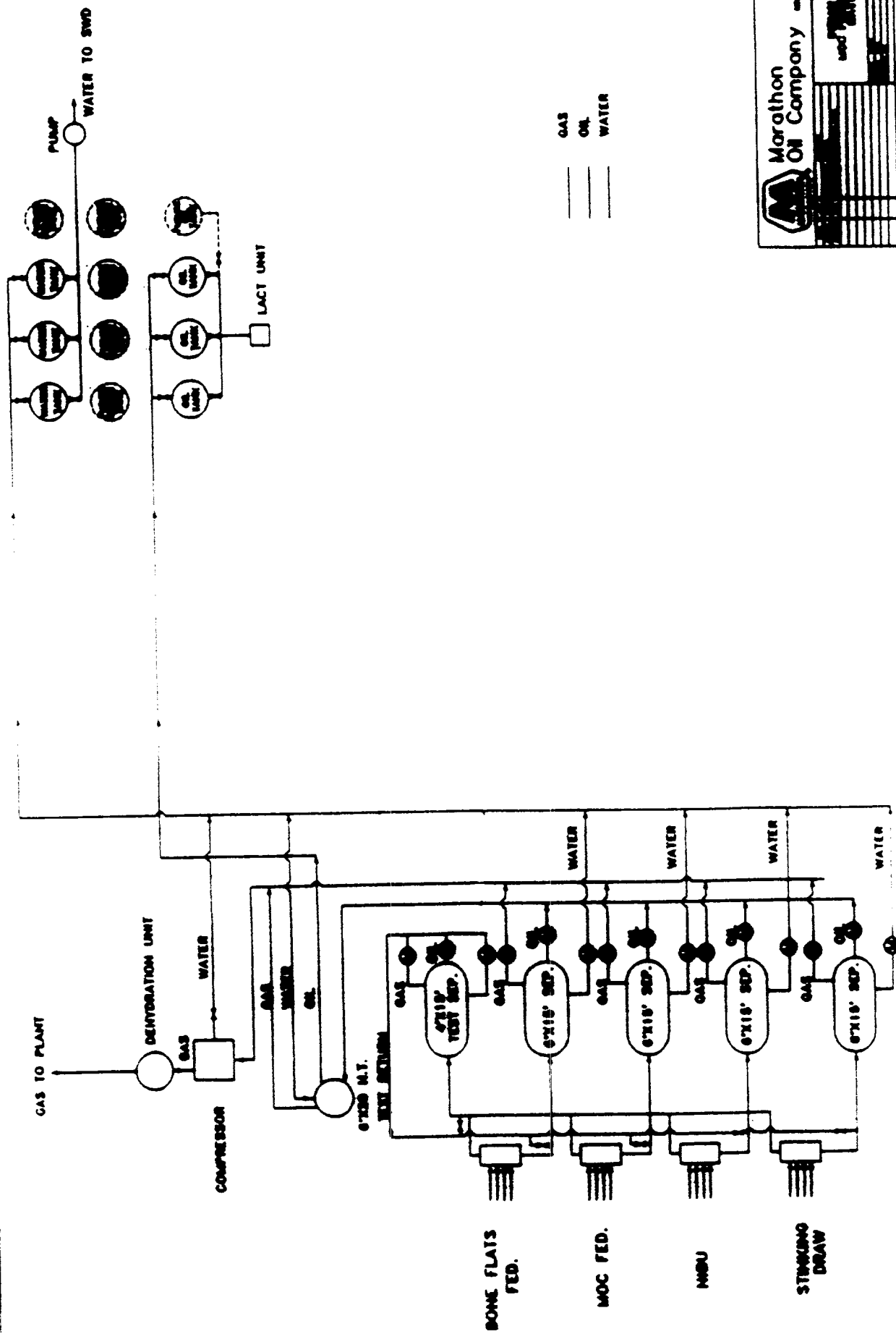
Signature

A handwritten signature in dark ink, appearing to read "R. A. Biernbaum", written in a cursive style.


Name: R. A. Biernbaum

Title: Manager, Indian Basin Asset Team

Date: May 13, 1995



GAS  
 OIL  
 WATER



**Marathon Oil Company**

100% OIL  
 100% GAS  
 100% WATER

MOC Federal Consolidated Facility  
 Commingling Application  
 North Indian Basin Unit,  
 Stinking Draw, MOC Federal  
 Bone Flats Federal "12"  
 South Dagger Draw Field  
 Eddy County, New Mexico

36

Stinking Draw

● #1

ST  
E-1877

NOT TO SCALE

ST  
E-1877-1

● #2

North Indian Basin Unit

MOC Federal

US  
NM-9427-8

● #14

● #15

● #1

● #5

● #13

US  
NM-9427-8  
1

ST  
E-7908

● #4

● #2

ST  
E-1877

● #7

North Indian Basin Unit

Bone Flats Federal "12"

US  
NM-9568

● #3

US  
NM-9555

US  
NM-9555-8

US  
NM-9555-8

US  
NM-9555-8

US  
NM-9555-8

● #7

● #16

● #19

• MOC Federal Consolidated Tank Battery

UL "D", SEC 1, T-21-S R-23-E

#### MOC FEDERAL

- = 1 990' FNL & 1855' FEL, Sec 1
- = 2 1980' FSL & 1980' FEL, Sec 1
- = 3 760' FNL & 660' FWL, Sec 1
- = 4 1980' FWL & 660' FWL, Sec 1
- = 5 1650' FNL & 1650' FWL, Sec 1
- = 7 890' FSL & 1750' FWL, Sec 1

#### NORTH INDIAN BASIN UNIT

- # 7 1650' FSL & 1650' FWL, Sec 11
- # 10 330' FNL & 2310' FWL, Sec 11
- = 13 2050' FNL & 660' FEL, Sec 2
- = 14 660' FNL & 2310' FEL, Sec 2
- = 16 1980' FSL & 825' FEL, Sec 11
- = 19 990' FSL & 1986' FEL, Sec 11

#### BONE FLATS FEDERAL "12"

- = 1 990' FNL & 990' FWL, Sec 12
- = 2 1980' FNL & 660' FWL, Sec 12