



P.O. Box 3487  
Houston, TX 77056-3487  
Telephone: (713) 296-2096  
FAX: (713) 499-6750

May 13, 2004

New Mexico Oil Conservation Division  
Attn: Mr. Will Jones  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

RECEIVED

MAY 20 2004

OIL CONSERVATION  
DIVISION

Re: Amendment of Indian Basin Field Commingling Agreement (OLS 0190)  
to include Indian Hills State Com Leases (E-10083 & L-5098)

State and Federal Leases and Communitization Agreements Affected

E-7906, E-10083, E-10169, E-10170, K-1877, L-5098, NM-04827-B, NM-05551, NM-05551-A, NM-05551-B, NM-05607, NM-05608, NM-05612-A, NM-06953, NM-034446, NM-51107, NM-81677, NM-0251099-A, NM-384623, NM-384625, NM-384628, NM-70522-A.

Unit Agreement 891008508-O, and COM Agreements NM SW-242, SW-342, SW-280, and NM 91035, located in Townships 20, 20.5, 21, and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico.

Dear Mr. Jones,

Marathon Oil Company is proposing to amend the Indian Basin Field Commingle, Off-Lease Storage, Measurement, and Sales agreement, OLS-0190. In our phone conversation on this matter, you had indicated that you would like to make this commingle order encompass all the changes that Marathon is seeking, and issue a new order number. The following orders, PLC-124, PLC-144, PLC-175, CTB-482, CTB-484, and CTB-375 in addition to OLS-190 will be pre-empted by this new commingle order should you approve it.

In this application Marathon is seeking permission to commingle new leases and production from more reservoirs. Under the previous commingle orders, Marathon had approval to commingle the Indian Basin Upper Penn (79040) and Indian Basin Upper Penn Associated (33685). We are proposing to add the South Dagger Draw Upper Penn (154750) and three Indian Basin area Morrow reservoirs as well as an undesignated Wolfcamp reservoir. We are seeking approval to combine production from these reservoirs in the same production vessels. We will maintain production measurement at

the lease level by metering with turbine meters for hydrocarbons, turbine meters for water, and gas meters for gas. Production volumes at the well and reservoir level will be determined using well tests.

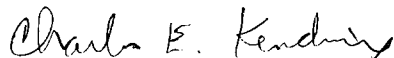
These changes are being requested in order to reduce production costs associated with the maintaining of numerous well level facilities, and allow Marathon the flexibility to develop the Morrow and Wolfcamp reservoirs in wells that have declined past economic benefit in the Upper Penn reservoirs. The elimination of these production costs and development of alternative reservoirs will provide a longer viable economic life for the leases.

The application letter that follows will address all areas that Marathon is seeking to commingle into the MOC Federal Central Facility, and the new pools that we are seeking to add to the commingle. We would like to start fresh with a new PLC order for these changes. Therefore, this application is written with the requests to commingle the Indian Basin Satellite Facilities 311, 235, 226, 215, 210 for condensate / oil to MOC Federal Central Facility, which were already granted under OLS-190 included in the request.

Copies of this proposal have also been sent to Pete Martinez in the State Lands Office, and Tim Gum in the Artesia office of the NMOCD. A copy has also been sent to Duncan Whitlock at the Carlsbad office of the BLM, and to Alexis Swoboda at the Roswell office of the BLM.

If you have any questions in regards to this application please contact me at ph. 713-296-2096 or send me an email at [cekendrix@MarathonOil.com](mailto:cekendrix@MarathonOil.com).

Sincerely,



Charles E. Kendrix  
Engineering Technician

## Amendment to Indian Basin Field Commingle Agreement May 04, 2004

Marathon Oil Company is proposing to amend the Indian Basin Field Commingling , Off Lease Storage, Measurement, and Sales agreement superseding Oil Conservation Commingling Orders PLC-124, 2<sup>nd</sup> Amendment, PLC-144, 1<sup>st</sup> Amendment, PLC-175, CTB 482, 1<sup>st</sup> Amendment, CTB-484, and CTB-375. Marathon is seeking these changes in order to increase production by allowing lower operating pressures and to increase the economic producing life of all the wells covered by these agreements. Marathon proposes to change the point of sale for the liquid hydrocarbon production covered by these commingling orders. A brief description of the proposed changes is shown below.

In addition to the wells already being served by the MOC Federal Central Facility (PLC-124), Marathon proposes to take the liquid hydrocarbon and water production from the Station 210 Satellite Facility, the Station 215 Satellite Facility, the Station 226 (SIB) Satellite Facility, the Station 235 Satellite Facility, the Station 311 Satellite Facility, the North Indian Basin Unit # 21 Facility, and recombine liquids, **after measurement**, at each facility. The recombined liquids will then be sent via pipeline to the gun barrel tank at the MOC Federal Central Facility. The liquid hydrocarbons will be separated in the gun barrel and floated over into the oil storage tanks at the MOC Federal Central Facility and sold via LACT unit. The water will be drained into water storage tanks and will be sent to the Indian Basin SWD system for disposal. In addition the liquid hydrocarbon production from the Indian Hills State com leases will be **metered** at two field locations and sent via pipeline to the MOC Federal Central Facility. The Indian Hills State Com hydrocarbons will be processed at the MOC Federal Central Facility through the north heater treater. The hydrocarbons will then be sent to the storage tanks at MOC Federal Central Facility for storage and sales through the LACT meter. Water from the Indian Hills State Com wells will not be sent to the MOC Federal Central Facility, but will continue to be disposed at the Indian Hills State Com # 7 disposal well. Please see Appendix List for details of attached documentation for this commingling effort.

A more detailed description of the proposed changes follows.

### MOC FEDERAL CENTRAL FACILITY

*Confidential only*

The production from the following wells is presently commingled at the MOC Central Facility, located in "UL" D, Section 1, T-21-S, R-23-E ( Oil Conservation Division Commingling Order PLC-124 2<sup>nd</sup> Amendment). Daily production figure shown is based on March 2004 production.

<u>Well Name</u>	<u>BOPD</u>	<u>MCFD</u>
Bone Flats Federal 12 # 1	0	9
Bone Flats Federal 12 # 2	0	1
Bone Flats Federal 12 # 3	0	0
Bone Flats Federal 12 # 4	3	76
Bone Flats Federal 12 # 5	1	76
Bone Flats Federal 12 # 6	4	11
Comanche Federal '3' # 1	0	1570
Comanche Federal '3' # 2	2.8	466
<u>Well Name</u>	<u>BOPD</u>	<u>MCFD</u>
MOC Federal # 1	1.7	127

MOC Federal # 2	.7	119
MOC Federal # 3	6.2	177
MOC Federal # 4	0	174
MOC Federal # 5	7.5	68
MOC Federal # 6	2.7	255
MOC Federal # 7	5.5	19
MOC Federal # 8 (Morrow)	0	91
Stinking Draw # 1	0	8
Stinking Draw # 2	7.7	35
Stinking Draw # 3	0	2
Stinking Draw # 4	0	6
North Indian Basin Unit Gas Com # 3	6.0	613
North Indian Basin Unit # 7	3.1	45
North Indian Basin Unit # 10	0	3
North Indian Basin Unit # 11	0	2
North Indian Basin Unit # 12	0	72
North Indian Basin Unit # 13	4.7	337
North Indian Basin Unit # 14	3.6	208
North Indian Basin Unit # 15	12.4	244
North Indian Basin Unit # 16	4.4	156
North Indian Basin Unit # 17	0	64
North Indian Basin Unit # 18	2.2	90
North Indian Basin Unit # 19	.4	94
North Indian Basin Unit # 20	3.8	80
North Indian Basin Unit # 22	0	45
North Indian Basin Unit # 23	.2	3
North Indian Basin Unit # 24	7.1	253
North Indian Basin Unit # 25	0	2
North Indian Basin Unit # 26	5.7	108
North Indian Basin Unit # 27	0	1
North Indian Basin Unit # 30	0	8

In addition to the table above, Exhibit 1 contains a list of production for the wells currently commingled at MOC Federal Central Facility. It shows a daily average oil production taken from March 2004 production with a break-out at the lease and producing reservoir level. Exhibit 2 contains another well listing with the legal locations and lease numbers for the wells currently going to the MOC Federal Central Facility. Exhibit 6 is a schematic diagram showing the MOC Federal Central Facility before commingling, and Exhibit 7 shows details of the battery after commingling changes.

All the wells currently going to the MOC Federal Central Facility have a designated three phase production separator and a three phase test separator. Each separator is equipped to measure oil and water with turbine meters. The oil turbine meters are tested monthly. The gas from each separator is measured with a gas meter dedicated to that separator.

Production detail for the wells that Marathon is proposing to add to the MOC Federal Central Facility is contained in Exhibit 3. The legal location, lease numbers, API numbers, and status are shown on Exhibit 4 for these proposed wells. A plat of the area including all wells and leases with the location of the trunk lines to be used in the commingling process is included on



Exhibit 5. The proposed trunk lines are in red.

### **Station 311 Facility**

The Station 311 storage and measurement facility is located in UL "F", Section 11, T-22-S, R-23-E, Eddy county , New Mexico. the production from the following wells, all located within Section 11 is measured at this facility.

<u>Well Name</u>	<u>BOPD</u>	<u>MCFPD</u>
Smith Federal # 1	0	470
Smith Federal # 2	0	0
Smith Federal # 3	2	1208
Smith Federal # 4	0	107

The Smith Federal # 1 & # 2 produce from the Indian Basin Upper Penn Gas Pool ( 79040). The Smith Federal # 3 & # 4 produce from the Indian Basin Upper Penn Associated Gas Pool ( 33685).

A schematic of the facility before commingling is attached. ( See Exhibit 8). A schematic of the facility as after commingling is also attached ( See Exhibit 9). There are two 3 phase separators at this satellite facility, one is the test separator, the other is a production separator. A production manifold allows for testing in the test separator while production from the remaining wells flows to the production separator. Gas is measured and then enters the Loop Gas Gathering system to be sent to the compressors. The separators both have turbine meters for hydrocarbons and water. After being metered the hydrocarbon production will be recombined with the water production and will be sent via pipeline to the tank at Station 235 Facility to be handled as shown in the Station 235 Facility description below.

### **Station 235 Facility**

The Station 235 Facility is located in UL "M", Section 35, T-21-S, R-23-E, Eddy county, New Mexico. The production from the following wells, all located within Section 35, is measured at this facility.

<u>Well Name</u>	<u>BOPD</u>	<u>MCFPD</u>
Federal "C" 35 # 1	0	639
Federal "C" 35 # 2	3.5	616
Federal "C" 35 # 3	7.0	1863
Federal "C" 35 # 4	3.5	2797

Schematic diagrams of Station 235 before and after the proposed changes are attached (See Exhibits 10 & 11). Production equipment at Station 235 consists of two 3 phase separators. One is a test separator, the other is a production separator. A production manifold allows for individual testing of wells through the test separator while production continues to the

production separator on the remaining wells. Gas is measured and then enters the Loop Gas Gathering system to be sent to the compressors. Liquid hydrocarbon and water are measured by turbine meter on each separator and sent to the 500 bbl tank on site, where they will be combined with LHC & water from Station 311. The commingled production will then run into a pipeline to be sent to the gun barrel tank at MOC Federal Central Facility.

### **Station 226 Facility (South Indian Basin)**

The Station 226 measurement and storage facility is located in UL "F", Section 26, T-21-S, R-23-E, Eddy county New Mexico. The production from the following wells is commingled at this facility (Oil Conservation Division Order CTB-482 1<sup>st</sup> Amendment).

<b><u>Well Name</u></b>	<b><u>BOPD</u></b>	<b><u>MCFPD</u></b>
Indian Basin "C" # 1	0	163
Indian Basin "C" # 2	0	0
Indian Basin "C" # 3	7.1	1518
Indian Basin "A" # 1	7.1	576
Indian Basin "D" # 1	7.1	321
Indian Basin "D" # 2	14.3	529
Indian Basin "E" # 1	7.1	221
Indian Basin "E" # 2	0	7
Federal Indian Basin "C" Gas Com # 1	7.1	505
Federal Indian Basin "C" Gas Com # 2	0	144

A schematic diagram of the Station 226 Facility before commingling is attached (See Exhibit 12) A schematic diagram of the facility after commingling is also attached (See Exhibit 13). This facility consists of three 3 phase separators, a gun barrel tank, a water storage tank, and a liquid hydrocarbon storage tank. Two of the separators are used to measure the production from the Indian Basin "C" # 1, # 2, and # 3 wells. One is a test separator, the other is a production separator. A production manifold allows for individual well testing in the test separator while production from the remaining wells flows to the production separator. The production for the Indian Basin "A" # 1 well is individually measured through the remaining separator. Gas is measured and then enters the Loop Gas Gathering system to be sent to the compressors. The LHC and water production are metered using turbine meters, and are then recombined and sent to the on site gun barrel tank. The LHC and water production from Station 227 and Station 229 Satellite Facilities, which are measured at each facility and then recombined, are also piped into the gun barrel tank at Station 226 under NMOCD order CTB-482 1<sup>st</sup> Amendment. The Indian Basin D and Indian Basin E lease wells flow through Station 227 under NMOCD commingle order CTB-484. The Federal Indian Basin "C" Gas Com wells flow through Station 229. The flow of Station 227 & 229 into Station 226 will not be changed. The commingled fluids from Station 226, 227, and 229 facilities, will then be sent via pipeline to the MOC Federal Central Facility. Schematic diagrams of Station 227 and Station 229 facilities are include on Exhibits 14 & 15.

### **Station 215 Satellite Facility**

The Station 215 Satellite Facility is located in UL "K", Section 15, T-21-S, R-23-E, Eddy county, New Mexico. The production from the following wells is commingled at this facility (Oil Conservation Division Order PLC-175).

<u>Well Name</u>	<u>BOPD</u>	<u>MCFPD</u>
North Indian Basin Gas Com # 32	8.2	1336
Federal IBA Gas Com # 1	5.0	296
Federal IBA Gas Com # 2	4.1	676
Indian Basin "A" # 2	7.8	809
Indian Basin "A" # 3	6.8	302
Indian Basin "A" # 4	5.2	690

All the above wells are in Township 21 South, Range 23 East. The North Indian Basin Unit Gas Com # 32, Federal IBA Gas Com # 1, Indian Basin "A" # 2, Indian Basin "A" # 3, and Indian Basin "A" # 4 produce from the Indian Basin Upper Penn Gas Pool (79040). The Federal IBA Gas Com # 2 produces from the South Dagger Draw Upper Penn Associated Gas Pool (15475). The Federal IBA Gas Com # 1 & 2, and the North Indian Basin Unit Gas Com # 32 operate under Communitization Agreement SW-280.

A schematic diagram of the Station 215 Facility is before commingling is included in this packet (See Exhibit 16). A diagram of Station 215 after changes to commingle the production is also included ( See Exhibit 17). Station 215 Facility consists of five 3 phase separators. Two of these separators are used to measure production from the Indian Basin "A" # 2, # 3, & # 4 wells. One is a test separator, the other is a production separator. A production manifold allows for individual testing in the test separator while production from the remaining wells flows to the production separator. The Federal IBA Gas Com # 1, # 2, and the North Indian Basin Gas Com # 32 wells, are individually measured through the three remaining separators. Gas production is measured and then enters the Loop Gas Gathering system to be sent to the compressors. The liquid hydrocarbon and water production are separated and metered using turbine meters at the separators. The LHC and water production will then be recombined and sent via pipeline to the gun barrel tank at the MOC Federal Central Facility to be reprocessed at the gun barrel LHC is then sold through the MOC Federal LACT unit and water is sent to the Indian Basin SWD system.

### **Station 210 Facility**

The Station 210 Facility is located at UL "M", Section 10, T-21-S, R-23-E, Eddy county, New Mexico. The production from the following wells process through this satellite facility (Oil Conservation Division Order PLC-144 1<sup>st</sup> Amendment).

<u>Well Name</u>	<u>BOPD</u>	<u>MCFPD</u>
North Indian Basin Unit # 1	7.3	894
North Indian Basin Unit # 4	3.6	549
North Indian Basin Unit # 5	3.7	857
North Indian Basin Unit # 8	5.5	738
North Indian Basin Unit # 9	3.7	463

North Indian Basin Unit # 31	5.5	646
North Indian Basin Unit # 34	0	92
North Indian Basin Unit # 36	3.3	1098

A schematic diagram of Station 210 Satellite Facility before changes to commingle liquids is included. (See Exhibit 18) A diagram of Station 210 after commingling is also included. (See Exhibit 19). The Station 210 Facility consists of one 3 phase test separator, one 3 phase production separator, and one 500 bbl water tank. A production manifold allows for individual well testing while production from the remaining wells flow to the production separator. Gas is measured and then enters the Loop Gas Gathering system to be sent to the compressors. The liquid hydrocarbon and water production are separated and metered using turbine meters. The LHC and water will then be recombined and will sent to the 500 bbl water tank. The recombined liquids will then be pumped via pipeline to the MOC Federal Central Facility gun barrel tank for separation and sold via the MOC Federal LACT unit.

#### **North Indian Basin Unit # 21 Facility**

The North Indian Basin Unit Facility is located in UL "F", Section 11, T-21-S, R-23-E, Eddy county, New Mexico. This facility is a one well facility that serves the well listed below. A diagram of the North Indian Basin # 21 Facility after commingling is included in the application. (See Exhibit 20)

<b><u>Well Name</u></b>	<b><u>BOPD</u></b>	<b><u>MCFPD</u></b>
North Indian Basin Unit # 21	0	440

The North Indian Basin # 21 Facility consists of a stack pack, two 210 bbl water tanks, one inactive 500 bbl water tank. The NIBU # 21 is a Morrow well that has not made oil / condensate since August, 2000. It now produces approximately 60 bbls water a day which is currently being trucked hauled. The expense of hauling water will ultimately make the well uneconomical to operate. Marathon is seeking to tie this well to the NIBU 11 Facility production header. The NIBU # 21 Production Facility will be dismantled after commingling of production at the NIBU 11 Production Facility is completed. Please see Exhibit 21 for a schematic diagram of the NIBU 11 Satellite Facility after the NIBU # 21 well is added.

#### **Indian Hills State Com 1, 3 & 4 Facility**

The Indian Hills State Com 1, 3, & 4 Facility will be located in UL "L, Section 36, T-20-S, R-24- E, Eddy county, New Mexico. This facility will be same facility that was used for the Indian Hills State Com well # 5 previously. The facility will serve the wells listed below:

<b><u>Well Name</u></b>	<b><u>BOPD</u></b>	<b><u>MCFPD</u></b>
Indian Hills State Com # 1	27.3	185
Indian Hills State Com # 3	3.4	35
Indian Hills State Com # 4	2.9	26

A schematic diagram of the proposed facility is included with this application (See Exhibit 22). This facility is located outside the boundaries for the north half Com Agreement, but the two leases involved in both the north half Com Agreement and south half Com agreement are the same leases. The two Com Agreements result from a differing ownership in the north and south halves of section 36. The Indian Hills State Com 1, 3, & 4 Facility (north half Com Agreement wells) will consist of one 3 phase production separator. The oil and water from this separator will be measured independently using turbine meters. The gas will be measured and then sent to the Loop Gas Gathering system. The oil from the north half wells will be sent to the north heater treater at MOC Federal Central Facility via pipeline. Well level production for the Indian Hills State Com north half wells, 1, 3, and 4 will be determined by allocation of the allocated meter volume for that facility based on well tests. The wells will be tested using the exception method with the well to be tested shut in for 24 hours.

### **Indian Hills State Com 5, 6, & 8 Facility**

The Indian Hills State Com 5, 6, & 8 Facility will be located in UL "M", Section 36, T-20-S, R-24-E, Eddy county, New Mexico. This facility will be the well production facility that was formerly used for the Indian Hills State Com # 8. The following wells will be commingled at this facility.

<b><u>Well Name</u></b>	<b><u>BOPD</u></b>	<b><u>MCFPD</u></b>
Indian Hills State Com # 5	6.9	96
Indian Hills State Com # 6	10.0	45
Indian Hills State Com # 8	0	1

The proposed Indian Hills State Com 5, 6, & 8 Facility consists of one 3 phase production separator (See Exhibit 23) Oil and water from the south half wells is measured independently using turbine meters. the gas will be measured and then sent to the Loop Gas Gathering system. The oil from the south half wells will be sent via pipeline to the north heater treater at the MOC Federal Central Facility via pipeline. Well production for the Indian Hills State Com south half wells will be determined by allocation of the allocated metered volume for that facility based on well tests. The wells will be tested using the exception method with the well to be tested shut in for 24 hours.

Water from all Indian Hills Unit wells will still be sent to the disposal well (Indian Hills State Com # 7) on lease. The Indian Hills State Com Central battery, the Indian Hills State Com #1 facility, the Indian Hills State Com # 6 facility will be dismantled. The facilities for the # 3 & # 4 wells are a part of the Indian Hills State Com Central Battery. Schematic diagrams for these Indian Hills State Com Facilities before commingling are included in this application (See Exhibits 24 through 28).

### **Allocation of Production**

Marathon determines production and sales first to the lease meter levels, and then uses the allocated volume at each lease to determine well level production and sales. Beginning and ending stock is tracked at the well level. Marathon uses the following formulas to determine lease volumes:

Total Metered Volume for Lease X Total Production = Allocated Production to the Lease

#### Total Volume of all Allocation Meters

Oil Sales are allocated based on the FIFO method. Any Beginning stock (ending stock for the prior month) at the well level is sold first. (Sales Volume – Beginning stock) Sales above Beginning stock is allocated base on the formula below:

$$\frac{\text{Total Metered Volume for Lease}}{\text{Total Volume of all Allocation Meters}} \times (\text{Total Sales} - \text{Beg Stock}) = \text{Allocated Sales to the Lease}$$

Total Sales will be determined by Metered Volume from the MOC Federal Central Facility LACT unit monthly readings.

The allocated production and allocated sales from the Central Facility to the lease is then allocated to the wells using the following formulas:

$$\frac{\text{Well Test Volume}}{\text{Total of all Test Volumes}} \times \frac{\text{Hours Produced per month}}{\text{Hours in the month}} \times \text{Allocated Sales} = \text{Well Sales}$$

$$\frac{\text{Well Test Volume}}{\text{Total of all Test Volumes}} \times \frac{\text{Hours Produced per month}}{\text{Hours in the month}} \times \text{Allocated Production} = \text{Well Production}$$

Every lease will have its own allocation meter or meters. In the facilities with a production meter and a test meter, the metered volumes are combined to reach the allocation volume credited to that lease. In any instance that differing ownership between wells / leases occurs, production from those wells or leases will be metered independently.

#### Lease Ownership

A copies of two letters sent to the working, royalty and over-ride royalty owners in the leases subject to this commingle application are include with this application (See Appendix C). The first letter was sent out by Mrs. Ginny Larke dated September 23, 2003. This letter covered the commingling of the oil/ condensate from the Satellite batteries into the MOC Federal Central Battery. The second owner consent letter was sent out by myself, Charles Kendrix, on April 4, 2004. This letter covered the commingling of production from the Indian Hills State Com wells with the MOC Federal Central Battery. A two page article covering the details of Marathon's plan to commingle the leases accompanied this letter.

A lists of owners with names and addresses broken down by lease and are included with this application. (See Appendix D)

***List of Affected Leases***

LEASE NUMBERS FOR WELLS INCLUDED IN COMMINGLING OF OIL /  
CONDENSATE TO MOC FEDERAL CENTRAL FACILITY

E 7906  
E 10083  
E 10169  
E 10170  
K 1877  
L 5098  
NM 04827-B  
NM 05551  
NM 05551-A  
NM 05551-B  
NM 05607  
NM 05608  
NM 05612-A  
NM 06953  
NM 034446  
NM 51107  
NM 81677  
NM 0251099-A  
NM 0384623  
NM 0384625  
NM 0384628  
NM 070522-A



**Copy of Pool Commingling Application  
NMOCD form C-107B  
and PI Dwights information  
on Wolfcamp in area of Indian Basin**

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Ave, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised June 10, 2003

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Marathon Oil Company  
OPERATOR ADDRESS: PO Box 3487, Houston Texas 772553.3487  
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. OLS-190  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
See Next Page for Pool details.					

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☒ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☐ Metering ☒ Other (Specify) Production will be metered at the lease level and allocated at the well level.

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☒ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Charles E. Kendrix TITLE: Engineering Technicain DATE: 05/04/2004

TYPE OR PRINT NAME Charles E. Kendrix TELEPHONE NO.: 713-296-2096

E-MAIL ADDRE cekendrix@MarahonOil.com

## REQUESTED POOLS FOR COMMINGLING IN THE MOC FEDERAL CENTRAL FACILITY

Pool	Oil/Condensate Calculated			Volumes
	Pool Code	Gravity	Gravity	
Indian Basin Upper Penn Gas	79040	55.1	50.0	123
South Dagger Draw Upper Penn Assoc.	15475	45.5	50.0	99
Indian Basin Upper Penn Assoc.	33685	61.8	50.0	6
Indian Basin Morrow Gas	78960	61.0	50.0	0
Indian Basin Morrow, East Gas	96561	61.0	50.0	0
Cemetery Morrow Gas	74640	61.0	50.0	0
Indian Basin Wolfcamp	Undesignated	37.0	50.0	9

Marathon currently has two active Indian Basin Morrow Gas 78960 wells which do not produce any condensate or oil production. These wells are the North Indian Basin Unit # 21 and the North Indian Basin Unit # 34. The commingle request for this zone is being requested at this time in order to avoid amending the commingle permit if one of the current active wells or a future completion to the Indian Basin Morrow zone produce any quantities of condensate. Marathon also currently has one active Indian Basin Morrow East Gas 96561 well. This well also does not produce condensate or oil at this time. The East Morrow pool has been added in the event that the current well or any future wells completed to this pool produce condensate. The same situation is true for the Cemetery Morrow Gas Pool. At this time the only well completed to this pool is the Indian Hills State Com # 2, which is a TA'd well.

The figures for the Indian Basin Wolfcamp (undesignated) zone is **a composite of best case scenario production** based on production figures from ten Wolfcamp wells in the Indian Basin Area. Two of these wells are located in the Cemetery North field; five are in the Cemetery field, and three are in the Rocky Arroyo field. Copies of production figures from PI Dwrights are included with this filing for these ten wells. Marathon intends to recomplete the Indian Hills State Com # 4 and the North Indian Basin Unit # 11 to the Wolfcamp reservoir. Production from this zone is likely to be marginally profitable, but these wells as they are today are most likely a candidates for plugging. Oil gravity for the Wolfcamp is an estimate based on the gravity Marathon has seen in other Wolfcamp completions.

EDDY NM  
PALO VERDE AJV FEDERAL COM 1  
YATES PETROLEUM CORPORATION  
ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>PALO VERDE AJV FEDERAL</b>	<b>Well Number:</b>	<b>1</b>
Lease Number:	012621	Cum Oil:	1,566
Operator Name:	YATES PETROLEUM CORPORAT	Cum Gas:	144,932
State:	NEW MEXICO	Cum Water:	63,131
County:	EDDY	First Production Date:	JAN 1998
Field:	CEMETARY NORTH	Last Production Date:	JAN 2004
Sec Twn Rng:	24M 20S 24E	Spot:	SW SW
Latitude/Longitude:	32.55392 -104.54774	Lat/Long Source:	TS
Regulatory #:		Completion Date:	JAN 08, 1998
API:	30015269070001	Total Depth:	8300
Production ID:	2300220152690774760	Upper Perforation:	6470
Reservoir Name:	WOLFCAMP	Lower Perforation:	6476
Prod Zone:	WOLFCAMP	Gas Gravity:	
Prod Zone Code:	451WFMP	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	1.082
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE	GAS	
Well Type:	ACTIVE PRODUCING-GENERAL	Water Depth:	

Annual Production	(7 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

### Beginning

Cum:			
1998	949	135,473	49,189
1999	53	4,623	661
2000	76	1,040	2,107
2001	148	1,114	3,277
2002	151	920	4,184
2003	175	1,657	3,617
2004	14	105	96
Totals:	1,566	144,932	63,131

### Monthly Production

Date	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
MO/YR							
JAN 1998	713	70,096	4,646	10.18	86.70	1	28
FEB 1998	99	27,325	3,484	3.63	97.24	1	28

EDDY NM  
SEVEN RIVERS FEDERAL 1  
FASKEN DAVID  
INACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>SEVEN RIVERS FEDERAL</b>	<b>Well Number:</b>	<b>1</b>
Lease Number:	660970	Cum Oil:	141
Operator Name:	FASKEN DAVID	Cum Gas:	24,688
State:	NEW MEXICO	Cum Water:	
County:	EDDY	First Production Date:	MAY 1976
Field:	CEMETARY NORTH	Last Production Date:	NOV 1979
Sec Twn Rng:	17C 20S 25E	Spot:	
Latitude/Longitude:	32.57892 -104.50839	Lat/Long Source:	TS
Regulatory #:		Completion Date:	SEP 11, 1975
API:	30015215810000	Total Depth:	9700
Production ID:	2300220152158174760	Upper Perforation:	7240
Reservoir Name:	WOLFCAMP	Lower Perforation:	7282
Prod Zone:	WOLFCAMP	Gas Gravity:	0.60
Prod Zone Code:	451WFMP	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	1.082
Gas Gatherer:		N Factor:	0.767
Liquid Gatherer:		GOR:	
Status:	INACTIVE-PRIOR YEAR GAS	Water Depth:	
Well Type:	PLUGGED AND ABANDONED		

### Annual Production (4 years)

Year	Oil BBLs	Gas MCF	Water BBLs
Beginning Cum:			
1976	141	18,549	
1977		4,085	
1978		1,747	
1979		307	
Totals:	141	24,688	

### Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
MAY 1976	100	3,383		29.56		1	
JUN 1976	31	6,238		4.97		1	
JUL 1976	3	2,870		1.05		1	
AUG 1976	4	2,103		1.91		1	
SEP 1976	3	1,236		2.43		1	

EDDY NM  
ALLIRISH 1  
READ & STEVENS INCORPORATED  
INACTIVE

## Detailed Production Report

<b>Lease Name:</b> ALLIRISH <b>Lease Number:</b> 009512 <b>Operator Name:</b> READ & STEVENS INCORPORATED <b>State:</b> NEW MEXICO <b>County:</b> EDDY <b>Field:</b> CEMETARY <b>Sec Twn Rng:</b> 30P 20S 25E <b>Latitude/Longitude:</b> 32.53895 -104.51808 <b>Regulatory #:</b> <b>API:</b> 30015213210000 <b>Production ID:</b> 2300220152132174680 <b>Reservoir Name:</b> WOLFCAMP <b>Prod Zone:</b> WOLFCAMP <b>Prod Zone Code:</b> 451WFMP <b>Basin Name:</b> PERMIAN BASIN <b>Gas Gatherer:</b> <b>Liquid Gatherer:</b> <b>Status:</b> INACTIVE-PRIOR YEAR GAS <b>Well Type:</b> ABANDONED-GENERAL	<b>Well Number:</b> 1 <b>Cum Oil:</b> 1,226 <b>Cum Gas:</b> 204,403 <b>Cum Water:</b> 8,783 <b>First Production Date:</b> MAY 1975 <b>Last Production Date:</b> MAY 1994 <b>Spot:</b> <b>Lat/Long Source:</b> TS <b>Completion Date:</b> <b>Total Depth:</b> 9750 <b>Upper Perforation:</b> 7000 <b>Lower Perforation:</b> 7030 <b>Gas Gravity:</b> <b>Oil Gravity:</b> <b>Temp Gradient:</b> 1.162 <b>N Factor:</b> <b>GOR:</b> <b>Water Depth:</b>
---	---

Annual Production	(14 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

### Beginning

Cum:				
1975	274	16,666		5,240
1978	444	32,504		
1979	201	20,658		
1980	109	22,466		
1981	109	28,019		
1982	57	20,862		
1983		17,390	1,225	
1984		15,781	1,262	
1985		13,213	259	
1986		1,547		
1987		1,521		
1988		7,182	565	
1991		6,594	232	
1994	32			
Totals:	1,226	204,403		8,783

EDDY NM  
 HOWELL STATE COM 1  
 FASKEN OIL AND RANCH LTD  
 ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	HOWELL STATE COM	<b>Well Number:</b>	1
<b>Lease Number:</b>		<b>Cum Oil:</b>	14 since NOV 2002
<b>Operator Name:</b>	FASKEN OIL AND RANCH LTD	<b>Cum Gas:</b>	449
<b>State:</b>	NEW MEXICO	<b>Cum Water:</b>	10 since OCT 2002
<b>County:</b>	EDDY	<b>First Production Date:</b>	AUG 2002
<b>Field:</b>	CEMETARY	<b>Last Production Date:</b>	DEC 2003
<b>Sec Twn Rng:</b>	32L 20S 25E	<b>Spot:</b>	
<b>Latitude/Longitude:</b>	32.52805 -104.51276	<b>Lat/Long Source:</b>	TS
<b>Regulatory #:</b>		<b>Completion Date:</b>	AUG 29, 2002
<b>API:</b>	30015218170001	<b>Total Depth:</b>	
<b>Production ID:</b>	2300220152181774680	<b>Upper Perforation:</b>	
<b>Reservoir Name:</b>	WOLFCAMP	<b>Lower Perforation:</b>	
<b>Prod Zone:</b>	WOLFCAMP	<b>Gas Gravity:</b>	
<b>Prod Zone Code:</b>	451WFMP	<b>Oil Gravity:</b>	
<b>Basin Name:</b>	PERMIAN BASIN	<b>Temp Gradient:</b>	
<b>Gas Gatherer:</b>		<b>N Factor:</b>	
<b>Liquid Gatherer:</b>		<b>GOR:</b>	
<b>Status:</b>	ACTIVE	<b>GAS</b>	
<b>Well Type:</b>	ACTIVE PRODUCING-GENERAL	<b>Water Depth:</b>	

### Annual Production (2 years)

Year	Oil BBLs	Gas MCF	Water BBLs
Beginning			
Cum:			
2002	14	273	3
2003		176	7
Totals:	14	449	10

### Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
AUG 2002	0	26	0			1	8
SEP 2002	0	93	0			1	30
OCT 2002	0	72	3			1	31
NOV 2002	11	33	0	333.34		1	30
DEC 2002	3	49	0	61.23		1	31
Totals:							
2002	14	273	3				

EDDY NM  
 CONOCO AGK FEDERAL 8  
 YATES PETROLEUM CORPORATION  
 INACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>CONOCO AGK FEDERAL</b>	<b>Well Number:</b>	<b>8</b>
Lease Number:	012149	Cum Oil:	61
Operator Name:	YATES PETROLEUM CORPORAT	Cum Gas:	9,357
State:	NEW MEXICO	Cum Water:	206 since MAR 1998
County:	EDDY	First Production Date:	FEB 1998
Field:	CEMETARY	Last Production Date:	JUN 2002
Sec Twn Rng:	26H 20S 24E	Spot:	SE NE
Latitude/Longitude:	32.5464 -104.55257	Lat/Long Source:	TS
Regulatory #:		Completion Date:	FEB 20, 1998
API:	30015269510001	Total Depth:	8140
Production ID:	1300220152695174680	Upper Perforation:	6567
Reservoir Name:	WOLFCAMP	Lower Perforation:	7040
Prod Zone:	WOLFCAMP	Gas Gravity:	
Prod Zone Code:	451WFMP	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	INACTIVE-PRIOR YEAR	CRUDE OIL	
Well Type:	ABANDONED-GENERAL	Water Depth:	

### Annual Production

(5 years)

Year	Oil BBLS	Gas MCF	Water BBLS
Beginning			
Cum:			
1998	61	6,079	172
1999		1,451	34
2000		971	
2001		623	
2002		233	
Totals:	61	9,357	206

### Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	GOR SCF/BBLS	% Water	# of Wells	Days on
FEB 1998	51	2,467	0	48373		1	28
MAR 1998	5	1,011	69	202201	93.24	1	31
APR 1998	3	599	24	199667	88.89	1	30
MAY 1998	0	401	10			1	0



EDDY NM

HILL VIEW AHE FEDERAL COM 10

YATES PETROLEUM CORPORATION

ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>HILL VIEW AHE FEDERAL</b>	<b>Well Number:</b>	<b>10</b>
Lease Number:	012368	Cum Oil:	1,335 since FEB 1999
Operator Name:	YATES PETROLEUM CORPORAT	Cum Gas:	1,873
State:	NEW MEXICO	Cum Water:	5,163 since MAY 1998
County:	EDDY	First Production Date:	APR 1998
Field:	CEMETARY	Last Production Date:	JAN 2004
Sec Twn Rng:	23H 20S 24E	Spot:	SE NE
Latitude/Longitude:	32.5613 -104.55196	Lat/Long Source:	TS
Regulatory #:		Completion Date:	MAR 11, 1998
API:	30015267780000	Total Depth:	8160
Production ID:	1300220152677874680	Upper Perforation:	6108
Reservoir Name:	WOLFCAMP	Lower Perforation:	6240
Prod Zone:	WOLFCAMP	Gas Gravity:	
Prod Zone Code:	451WFMP	Oil Gravity:	
Basin Name:	PERMIAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE	CRUDE OIL	
Well Type:	ACTIVE PRODUCING-GENERAL	Water Depth:	

Annual Production			(7 years)
Year	Oil BBLs	Gas MCF	Water BBLs

## Beginning

Cum:

1998		310	68
1999	641	503	19
2000	168	441	5,076
2001	151	184	
2002	176	279	
2003	184	135	
2004	15	21	
Totals:	1,335	1,873	5,163

### Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	GOR SCF/BBLs	% Water	# of Wells	Days on
APR 1998		54	0			1	
MAY 1998		43	8			1	

EDDY NM

SAGUARO AGS FEDERAL COM 9  
YATES PETROLEUM CORPORATION  
ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>SAGUARO AGS FEDERAL COWell Number:</b>	<b>9</b>
Lease Number:	012710	Cum Oil: 1,315 since FEB 1999
Operator Name:	YATES PETROLEUM CORPORAT	Cum Gas: 340
State:	NEW MEXICO	Cum Water: 22 since AUG 1999
County:	EDDY	First Production Date: APR 1998
Field:	CEMETARY	Last Production Date: JAN 2004
Sec Twn Rng:	23C 20S 24E	Spot: NE NW
Latitude/Longitude:	32.56433 -104.56074	Lat/Long Source: TS
Regulatory #:		Completion Date:
API:	30015267370001	Total Depth: 8090
Production ID:	1300220152673774680	Upper Perforation: 6487
Reservoir Name:	WOLFCAMP	Lower Perforation: 6555
Prod Zone:	WOLFCAMP	Gas Gravity:
Prod Zone Code:	451WFMP	Oil Gravity:
Basin Name:	PERMIAN BASIN	Temp Gradient:
Gas Gatherer:		N Factor:
Liquid Gatherer:		GOR:
Status:	ACTIVE	CRUDE OIL
Well Type:	ACTIVE PRODUCING-GENERAL	Water Depth:

### Annual Production

Year	Oil BBLs	Gas MCF	Water BBLs
------	-------------	------------	---------------

### Beginning

Cum:	Oil BBLs	Gas MCF	Water BBLs
1998		129	
1999	501	32	22
2000	90	124	
2001	169		
2002	352	2	
2003	187	53	
2004	16		
Totals:	1,315	340	22

### Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	GOR SCF/BBLs	% Water	# of Wells	Days on
APR 1998		58				1	
MAY 1998		0				0	

EDDY NM

CHARLETTE MCKAY FEDERAL COM 3

YATES PETROLEUM CORPORATION

ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>CHARLETTE MCKAY FEDER</b>	<b>Well Number:</b>	<b>3</b>
<b>Lease Number:</b>	020902	<b>Cum Oil:</b>	376 since FEB 1997
<b>Operator Name:</b>	YATES PETROLEUM CORPORAT	<b>Cum Gas:</b>	96,055
<b>State:</b>	NEW MEXICO	<b>Cum Water:</b>	42 since APR 1995
<b>County:</b>	EDDY	<b>First Production Date:</b>	JAN 1994
<b>Field:</b>	CEMETARY	<b>Last Production Date:</b>	JAN 2004
<b>Sec Twn Rng:</b>	25 20S 24E	<b>Spot:</b>	NE NW
<b>Latitude/Longitude:</b>	32.54988 -104.54348	<b>Lat/Long Source:</b>	TS
<b>Regulatory #:</b>		<b>Completion Date:</b>	
<b>API:</b>	30015215610000	<b>Total Depth:</b>	
<b>Production ID:</b>	1300220152156174680	<b>Upper Perforation:</b>	
<b>Reservoir Name:</b>	WOLFCAMP	<b>Lower Perforation:</b>	
<b>Prod Zone:</b>	WOLFCAMP	<b>Gas Gravity:</b>	
<b>Prod Zone Code:</b>	451WFMP	<b>Oil Gravity:</b>	
<b>Basin Name:</b>	PERMIAN BASIN	<b>Temp Gradient:</b>	
<b>Gas Gatherer:</b>		<b>N Factor:</b>	
<b>Liquid Gatherer:</b>		<b>GOR:</b>	
<b>Status:</b>	ACTIVE	<b>CRUDE OIL</b>	
<b>Well Type:</b>	ACTIVE PRODUCING-GENERAL	<b>Water Depth:</b>	

Annual Production		(11 years)	
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:

1994		18,428	
1995		24,017	26
1996		11,835	
1997	65	12,251	13
1998		15,562	
1999		4,494	
2000		2,610	
2001		3,363	
2002	119	3,447	3
2003	180	48	
2004	12		

Totals:

376	96,055	42
-----	--------	----

### Monthly Production

Date	Oil	Gas	Water	GOR	% Water	# of	Days
------	-----	-----	-------	-----	---------	------	------

EDDY NM  
STATE 32 COM 1  
FASKEN OIL AND RANCH LTD  
ACTIVE

## Detailed Production Report

<b>Lease Name:</b> STATE 32 COM <b>Lease Number:</b> <b>Operator Name:</b> FASKEN OIL AND RANCH LTD <b>State:</b> NEW MEXICO <b>County:</b> EDDY <b>Field:</b> CEMETARY <b>Sec Twn Rng:</b> 32D 20S 25E <b>Latitude/Longitude:</b> 32.53439 -104.51164 <b>Regulatory #:</b> <b>API:</b> 30015210280002 <b>Production ID:</b> 2300220152102874680 <b>Reservoir Name:</b> WOLFCAMP <b>Prod Zone:</b> WOLFCAMP <b>Prod Zone Code:</b> 451WFMP <b>Basin Name:</b> PERMIAN BASIN <b>Gas Gatherer:</b> <b>Liquid Gatherer:</b> <b>Status:</b> ACTIVE <b>Well Type:</b> ACTIVE PRODUCING-GENERAL	<b>Well Number:</b> 1 <b>Cum Oil:</b> 931 <b>Cum Gas:</b> 104,248 <b>Cum Water:</b> 42,583 since MAY 2002 <b>First Production Date:</b> APR 2002 <b>Last Production Date:</b> JAN 2004 <b>Spot:</b> SE NW NW <b>Lat/Long Source:</b> TS <b>Completion Date:</b> APR 26, 2002 <b>Total Depth:</b> <b>Upper Perforation:</b> <b>Lower Perforation:</b> <b>Gas Gravity:</b> <b>Oil Gravity:</b> <b>Temp Gradient:</b> <b>N Factor:</b> <b>GOR:</b> <b>Water Depth:</b>
---	--

Annual Production	(3 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

### Beginning

Cum:			
2002	190	66,242	13,450
2003	643	34,980	26,364
2004	98	3,026	2,769
Totals:	931	104,248	42,583

### Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
APR 2002	8	7,071		1.14		1	6
MAY 2002	0	20,724	1,133			1	31
JUN 2002	20	8,928	960	2.25	97.96	1	30
JUL 2002	8	4,139	815	1.94	99.03	1	31
AUG 2002	1	5,868	2,418	0.18	99.96	1	31
SEP 2002	33	5,422	1,957	6.09	98.34	1	30

EDDY NM  
 ROCKY ARROYO E 1  
 DMS OIL COMPANY  
 ACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>ROCKY ARROYO E</b>	<b>Well Number:</b>	<b>1</b>
<b>Lease Number:</b>	003552	<b>Cum Oil:</b>	518 since JUL 1975
<b>Operator Name:</b>	DMS OIL COMPANY	<b>Cum Gas:</b>	615,432
<b>State:</b>	NEW MEXICO	<b>Cum Water:</b>	
<b>County:</b>	EDDY	<b>First Production Date:</b>	AUG 1974
<b>Field:</b>	ROCKY ARROYO	<b>Last Production Date:</b>	JAN 2004
<b>Sec Twn Rng:</b>	7G 22S 22E	<b>Spot:</b>	
<b>Latitude/Longitude:</b>	32.40734 -104.74075	<b>Lat/Long Source:</b>	TS
<b>Regulatory #:</b>		<b>Completion Date:</b>	FEB 28, 1974
<b>API:</b>	30015210490000	<b>Total Depth:</b>	9258
<b>Production ID:</b>	2300220152104984200	<b>Upper Perforation:</b>	6227
<b>Reservoir Name:</b>	WOLFCAMP	<b>Lower Perforation:</b>	6320
<b>Prod Zone:</b>	WOLFCAMP	<b>Gas Gravity:</b>	0.66
<b>Prod Zone Code:</b>	451WFMP	<b>Oil Gravity:</b>	
<b>Basin Name:</b>	PERMIAN BASIN	<b>Temp Gradient:</b>	1.192
<b>Gas Gatherer:</b>	ELPS	<b>N Factor:</b>	0.721
<b>Liquid Gatherer:</b>		<b>GOR:</b>	
<b>Status:</b>	ACTIVE	<b>GAS</b>	
<b>Well Type:</b>	ACTIVE PRODUCING-GENERAL	<b>Water Depth:</b>	

Annual Production		(28 years)
Year	Oil BBLs	Gas MCF

### Beginning

Cum:	Oil BBLs	Gas MCF
1974		26,574
1975	173	48,824
1976		49,073
1977		40,767
1978	36	39,350
1979	28	32,730
1980	76	27,300
1981	44	28,562
1982	73	10,757
1983	8	14,594
1984	45	12,528
1985	27	31,210
1986		10,403
1987		17,662
1988		15,623
1989		13,868
1990		16,051
1994	8	23,497
1995		22,861
1996		23,012

EDDY NM  
**ROCKY ARROYO COM 1**  
**DMS OIL COMPANY**  
**INACTIVE**

## Detailed Production Report

<b>Lease Name:</b> ROCKY ARROYO COM <b>Lease Number:</b> 003553 <b>Operator Name:</b> DMS OIL COMPANY <b>State:</b> NEW MEXICO <b>County:</b> EDDY <b>Field:</b> ROCKY ARROYO <b>Sec Twn Rng:</b> 8J 22S 22E <b>Latitude/Longitude:</b> 32.40374 -104.72299 <b>Regulatory #:</b> <b>API:</b> 30015204860000 <b>Production ID:</b> 2300220152048684200 <b>Reservoir Name:</b> WOLFCAMP <b>Prod Zone:</b> WOLFCAMP <b>Prod Zone Code:</b> 451WFMP <b>Basin Name:</b> PERMIAN BASIN <b>Gas Gatherer:</b> <b>Liquid Gatherer:</b> <b>Status:</b> INACTIVE-PRIOR YEAR GAS <b>Well Type:</b> ABANDONED-GENERAL	<b>Well Number:</b> 1 <b>Cum Oil:</b> 5,129 since AUG 1974 <b>Cum Gas:</b> 496,868 <b>Cum Water:</b> 3,629 since DEC 1981 <b>First Production Date:</b> NOV 1973 <b>Last Production Date:</b> JUN 1987 <b>Spot:</b> <b>Lat/Long Source:</b> TS <b>Completion Date:</b> NOV 10, 1971 <b>Total Depth:</b> 9380 <b>Upper Perforation:</b> 6563 <b>Lower Perforation:</b> 6600 <b>Gas Gravity:</b> 0.69 <b>Oil Gravity:</b> <b>Temp Gradient:</b> 1.192 <b>N Factor:</b> 0.774 <b>GOR:</b> <b>Water Depth:</b>
--	---

Annual Production	(15 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

### Beginning

Cum:			
1973		38,105	
1974	96	66,862	
1975		41,067	
1976		36,795	
1977		46,915	
1978	49	61,286	
1979		41,746	
1980	91	53,240	
1981	146	30,533	56
1982		14,795	915
1983	849	15,552	361
1984	580	6,758	960
1985	3,318	33,931	989
1986		9,282	348
1987		1	
Totals:	5,129	496,868	3,629

EDDY NM  
MAHUN STATE 1  
SCHELLINGER CARL A  
INACTIVE

## Detailed Production Report

<b>Lease Name:</b>	<b>MAHUN STATE</b>	<b>Well Number:</b>	<b>1</b>
<b>Lease Number:</b>	<b>010053</b>	<b>Cum Oil:</b>	
<b>Operator Name:</b>	<b>SCHELLINGER CARL A</b>	<b>Cum Gas:</b>	<b>66,453</b>
<b>State:</b>	<b>NEW MEXICO</b>	<b>Cum Water:</b>	
<b>County:</b>	<b>EDDY</b>	<b>First Production Date:</b>	<b>MAR 1978</b>
<b>Field:</b>	<b>ROCKY ARROYO</b>	<b>Last Production Date:</b>	<b>JAN 1992</b>
<b>Sec Twn Rng:</b>	<b>16F 22S 22E</b>	<b>Spot:</b>	
<b>Latitude/Longitude:</b>	<b>32.3933 -104.71011</b>	<b>Lat/Long Source:</b>	<b>TS</b>
<b>Regulatory #:</b>		<b>Completion Date:</b>	<b>SEP 26, 1977</b>
<b>API:</b>	<b>30015201380001</b>	<b>Total Depth:</b>	<b>7610</b>
<b>Production ID:</b>	<b>2300220152013884200</b>	<b>Upper Perforation:</b>	<b>6453</b>
<b>Reservoir Name:</b>	<b>WOLFCAMP</b>	<b>Lower Perforation:</b>	<b>6514</b>
<b>Prod Zone:</b>	<b>WOLFCAMP</b>	<b>Gas Gravity:</b>	<b>0.69</b>
<b>Prod Zone Code:</b>	<b>451WFMP</b>	<b>Oil Gravity:</b>	
<b>Basin Name:</b>	<b>PERMIAN BASIN</b>	<b>Temp Gradient:</b>	<b>1.192</b>
<b>Gas Gatherer:</b>		<b>N Factor:</b>	<b>0.5</b>
<b>Liquid Gatherer:</b>		<b>GOR:</b>	
<b>Status:</b>	<b>INACTIVE-PRIOR YEAR</b>	<b>GAS</b>	
<b>Well Type:</b>	<b>ABANDONED-GENERAL</b>	<b>Water Depth:</b>	

Annual Production		(15 years)	
Year	Oil BBLs	Gas MCF	Water BBLs

### Beginning

Cum:	
1978	7,931
1979	7,584
1980	11,429
1981	9,123
1982	5,027
1983	5,551
1984	6,032
1985	3,679
1986	1,511
1987	2,699
1988	1,176
1989	1,348
1990	2,135
1991	966
1992	262

Totals:			
		66,453	

***Copy of Sundry Notice to BLM***



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Marathon Oil Company**

3a. Address

**PO BOX 3487, HOUSTON TEXAS 77253-3487**

3b. Phone No. (include area code)

**713-296-2096**

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

5. Lease Serial No.

**Multiple**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**Multiple**

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

**Indian Basin**

11. County or Parish, State

**Eddy**

**NM**

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>Surface Commingle</b>                |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**Marathon Oil Company is seeking the BLM's permission to commingle production from the leases flowing into the Indian Basin Satellites 210, 215, 226, 227, 229, 235, and 311, and the Indian Hills State Com leases at the MOC Federal Central Facility. Marathon is simultaneously seeking permission to commingle production from multiple reservoirs underlying these leases. Please see the details of this proposal in the attached pages.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Charles E. Kendrix**

Title

**Engineering Technician**

Date **05/03/2004**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

## **Appendix A**

**Exhibit 1 :**

**Spreadsheet containing wells currently tied to MOC Federal Central Facility with oil/condensate break down by lease and pool.**

**Exhibit 2 :**

**Spreadsheet containing legal locations, pool codes, lease numbers, and status for wells already tied to MOC Federal Central Facility.**

**Exhibit 3 :**

**Spreadsheet containing wells proposed for commingling to MOC Federal Central Facility with oil / condensate break down by lease and pool.**

**Exhibit 4 :**

**Spreadsheet containing legal location, pool codes, lease numbers, and status of wells proposed for commingling in MOC Federal Central Facility.**

**Current Oil Production Volumes by Lease and Pool for Wells that currently Produce to MOC Federal Central Facility. Production data is based on an average for March 2004 Production**

	Barrels of Oil / Condensate per day per Reservior								
		South Dagger Draw Upper Penn Associated 15475	Indian Basin Upper Penn 79040	Indian Basin Upper Penn Associated 33685	Indian Basin Morrow 78960	East Indian Basin Morrow 96561	Cemetary Morrow 74640	Indian Basin Wolf Camp Undesignated	
Well Name	Well Number								
Bone Flats 12 Federal Com	1	0							
Bone Flats 12 Federal Com	2	0							
Bone Flats 12 Federal Com	3	0							
Bone Flats 12 Federal Com	4	3.00							
Bone Flats 12 Federal Com	5	1.00							
Bone Flats 12 Federal Com	6	4.00							
Total per Lease by Pool		8.00							
COMANCHE FEDERAL '3'	1	0							
COMANCHE FEDERAL '3'	2	2.80							
Total per Lease by Pool		2.80							
MOC FEDERAL	1	1.70							
MOC FEDERAL	2	0.70							
MOC FEDERAL	3	6.20							
MOC FEDERAL	4	0.00							
MOC FEDERAL	5	7.50							
MOC FEDERAL	6	2.70							
MOC FEDERAL	7	5.50							
MOC FEDERAL	8					0			
Total per Lease by Pool		24.30				0			
N. INDIAN BASIN UNIT GAS COM	3		6.00						
Total per Lease by Pool			6.00						
NORTH INDIAN BASIN UNIT	7	3.10							
NORTH INDIAN BASIN UNIT	10	0							
NORTH INDIAN BASIN UNIT	11	0							
NORTH INDIAN BASIN UNIT	12	0							
NORTH INDIAN BASIN UNIT	13	4.70							
NORTH INDIAN BASIN UNIT	14	3.60							
NORTH INDIAN BASIN UNIT	15	12.40							
NORTH INDIAN BASIN UNIT	16	4.40							
NORTH INDIAN BASIN UNIT	17	0							
NORTH INDIAN BASIN UNIT	18	2.20							
NORTH INDIAN BASIN UNIT	19	0.40							
NORTH INDIAN BASIN UNIT	20	3.80							
NORTH INDIAN BASIN UNIT	22	0							
NORTH INDIAN BASIN UNIT	23	0.20							
NORTH INDIAN BASIN UNIT	24	7.10							
NORTH INDIAN BASIN UNIT	25	0							
NORTH INDIAN BASIN UNIT	26	5.70							
NORTH INDIAN BASIN UNIT	27	0							
NORTH INDIAN BASIN UNIT	30	0							
Total per Lease by Pool		47.60							
STINKING DRAW	1	0							
STINKING DRAW	2	7.70							
STINKING DRAW	3	0							
STINKING DRAW	4	0							
Total per Lease by Pool		7.70							
Grand Total Per Pool		90.40	6.00	0	0	0	0		

**Exhibit 1**

Wells Currently producing through MOC Central Production Facility Under OLS 190.

State	Property Number	Well Name	Well Number	API well no.	Oil Facility	TWN	RNG	Sec	Unit Letter Or Lot#	Feet from NS line	Feet from E/W line	State/Fed	Lease Number	Unit or COM Number	Reservoir	Pool Code	Status
	15242	Bone Flats 12 Federal Com	1	300152802100	MOC Fed Cent. Battery	21S	23E	12	D	990' FNL	990' FWL	Federal	NM 05608	NM 91035	SDD Upper Penn Assoc.	15475	Active
	15242	Bone Flats 12 Federal Com	2	300152830400	MOC Fed Cent. Battery	21S	23E	12	E	1980' FNL	660' FWL	Federal	NM 05608	NM 91035	SDD Upper Penn Assoc.	15475	Active
	15242	Bone Flats 12 Federal Com	3	300152862900	MOC Fed Cent. Battery	21S	23E	12	L	1980' FSL	760' FWL	Federal	NM 81677	NM 91035	SDD Upper Penn Assoc.	15475	Active
	15242	Bone Flats 12 Federal Com	4	300152867500	MOC Fed Cent. Battery	21S	23E	12	M	660' FSL	660' FWL	Federal	NM 05551 A	NM 91035	SDD Upper Penn Assoc.	15475	Active
	15242	Bone Flats 12 Federal Com	5	300152884700	MOC Fed Cent. Battery	21S	23E	12	F	1980' FNL	1650' FWL	Federal	NM 05608	NM 91035	SDD Upper Penn Assoc.	15475	Active
	15242	Bone Flats 12 Federal Com	6	300152919200	MOC Fed Cent. Battery	21S	23E	12	N	660' FSL	1980' FWL	Federal	NM 05551 A	NM 91035	SDD Upper Penn Assoc.	15475	Active
	17954	COMANCHE FEDERAL '3'	1	300152872000	MOC Fed Cent. Battery	21S	23E	3	G	1650' FNL	1850' FEL	Federal	NM 0384623	NM SW 242	SDD Upper Penn Assoc.	15475	Active
	17954	COMANCHE FEDERAL '3'	2	300152997200	MOC Fed Cent. Battery	21S	23E	3	A	660' FNL	660' FEL	Federal	NM 0384623	NM SW 242	SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	1	300152792800	MOC Fed Cent. Battery	21S	23E	1	B	990' FNL	1855' FEL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	2	300152798400	MOC Fed Cent. Battery	21S	23E	1	J	1980' FSL	1980' FEL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	3	300152804500	MOC Fed Cent. Battery	21S	23E	1	D	760' FNL	660' FEL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	4	300152807100	MOC Fed Cent. Battery	21S	23E	1	L	1980' FSL	660' FWL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	5	300152811700	MOC Fed Cent. Battery	21S	23E	1	F	1650' FNL	1650' FWL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	6	300152828500	MOC Fed Cent. Battery	21S	23E	1	M	860' FSL	660' FWL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	7	300152830900	MOC Fed Cent. Battery	21S	23E	1	N	890' FSL	1750' FWL	Federal	NM 04827 B		SDD Upper Penn Assoc.	15475	Active
	14838	MOC FEDERAL	8	300152882300	MOC Fed Cent. Battery	21S	23E	1	K	2030' FSL	1650' FWL	Federal	NM 04827 B		Indian Basin Morrow East	96561	Active
	06412	N. INDIAN BASIN UNIT GAS COM	3	300151055700	MOC Fed Cent. Battery	21S	23E	3	K	1650' FSL	2310' FWL	Federal	NM 05608	NM SW 242	IB Upper Penn	79040	Active
	06411	NORTH INDIAN BASIN UNIT	7	300152008900	MOC Fed Cent. Battery	21S	23E	11	K	1650' FSL	1650' FWL	Federal	NM 05551	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	10	300152793000	MOC Fed Cent. Battery	21S	23E	11	C	330' FNL	2310' FWL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	11	300152823200	MOC Fed Cent. Battery	21S	23E	2	O	660' FSL	1980' FEL	State	E 10170	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	12	300152825800	MOC Fed Cent. Battery	21S	23E	2	M	660' FSL	660' FWL	State	E 7906	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	13	300152806800	MOC Fed Cent. Battery	21S	23E	2	H	2050' FNL	660' FEL	Federal	NM 04827 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	14	300152814300	MOC Fed Cent. Battery	21S	23E	2	LOT 2	660' FNL	2310' FEL	Federal	NM 04827 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	15	300152830500	MOC Fed Cent. Battery	21S	23E	2	F	1980' FNL	1830' FWL	Federal	NM 04827 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	16	300152828700	MOC Fed Cent. Battery	21S	23E	11	I	1980' FSL	825' FEL	Federal	NM 05551 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	17	300152838600	MOC Fed Cent. Battery	21S	23E	11	A	990' FNL	660' FEL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	18	300152843500	MOC Fed Cent. Battery	21S	23E	2	J	2310' FSL	1650' FEL	State	E 7906	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	19	300152838500	MOC Fed Cent. Battery	21S	23E	11	O	990' FSL	1986' FEL	Federal	NM 05551	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	20	300152838400	MOC Fed Cent. Battery	21S	23E	2	K	1650' FSL	2310' FWL	State	E 7906	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	22	300152858300	MOC Fed Cent. Battery	21S	23E	11	M	760' FSL	990' FWL	Federal	NM 05551	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	23	300152867800	MOC Fed Cent. Battery	21S	23E	2	D	760' FNL	760' FWL	Federal	NM 04827 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	24	300152881400	MOC Fed Cent. Battery	21S	23E	11	D	122' FNL	310' FWL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	25	300152885700	MOC Fed Cent. Battery	21S	23E	11	G	2310' FNL	1884' FEL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	26	300152875200	MOC Fed Cent. Battery	21S	23E	2	E	2310' FNL	660' FWL	Federal	NM 04827 B	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	27	300152897700	MOC Fed Cent. Battery	21S	23E	11	L	2340' FSL	255' FWL	Federal	NM 05551	891008508-O	SDD Upper Penn Assoc.	15475	Active
	06411	NORTH INDIAN BASIN UNIT	30	300152905900	MOC Fed Cent. Battery	21S	23E	10	A	660' FNL	660' FEL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
	3964	STINKING DRAW	1	300152789100	MOC Fed Cent. Battery	20.5S	23E	36	Lot 2	660' FNL	1650' FEL	State	E 10169		SDD Upper Penn Assoc.	15475	Active
	3964	STINKING DRAW	2	300152797600	MOC Fed Cent. Battery	20.5S	23E	36	F	660' FSL	1980' FWL	State	E 10169		SDD Upper Penn Assoc.	15475	Active
	3964	STINKING DRAW	3	300152786100	MOC Fed Cent. Battery	20.5S	23E	36	Lot 4	990' FNL	990' FWL	State	E 10169		SDD Upper Penn Assoc.	15475	Active
	3964	STINKING DRAW	4	300152858900	MOC Fed Cent. Battery	20.5S	23E	36	O	970' FSL	2076' FEL	State	E 10169		SDD Upper Penn Assoc.	15475	Active

Current Oil Production by Lease and Pool for Wells Proposed to be commingled in  
MOC Federal Central Facility. Daily production figures are based on March 2004 production.

Well Name	Well Number	Barrels Oil/ Condensate per day per Reservoir						
		South Dagger Draw Upper Penn Associated 15475	Indian Basin Upper Penn 79040	Indian Basin Upper Penn Associated 33685	Indian Basin Morrow 78960	East Indian Basin Morrow 96561	Cemetery Morrow 74640	Indian Basin Wolf Camp Undesignated
Federal C '35'	1		0					
Federal C '35'	2		3.50					
Federal C '35'	3		7.00					
Federal C '35'	4			3.50				
<b>Total per Lease by Pool</b>			<b>10.50</b>	<b>3.50</b>				
Federal IBA Gas Com	1		5.00					
Federal IBA Gas Com	2	4.10						
<b>Total per Lease by Pool</b>		<b>4.10</b>	<b>5.00</b>					
Federal IBC Gas Com	1		7.10					
Federal IBC Gas Com	2		0					
<b>Total per Lease by Pool</b>			<b>7.10</b>					
Indian Basin 'A'	1		7.10					
Indian Basin 'A'	2		7.80					
Indian Basin 'A'	3		6.80					
Indian Basin 'A'	4		5.20					
<b>Total per Lease by Pool</b>			<b>26.90</b>					
Indian Basin 'C'	1		0					
Indian Basin 'C'	2		0					
Indian Basin 'C'	3		7.10					
<b>Total per Lease by Pool</b>			<b>7.10</b>					
Indian Basin 'D'	1		7.10					
Indian Basin 'D'	2		14.30					
<b>Total per Lease by Pool</b>			<b>21.40</b>					
Indian Basin 'E'	1		7.10					
Indian Basin 'E'	2		0					
<b>Total per Lease by Pool</b>			<b>7.10</b>					
North Indian Basin Gas Com	32		8.20					
<b>Total per Lease by Pool</b>			<b>8.20</b>					
North Indian Basin Unit	1		7.30					
North Indian Basin Unit	4		3.60					
North Indian Basin Unit	5		4.90					
North Indian Basin Unit	8		3.20					
North Indian Basin Unit	9		0					
North Indian Basin Unit	21				0			
North Indian Basin Unit	31	4.30						
North Indian Basin Unit	34				0			
North Indian Basin Unit	36		5.10					
<b>Total per Lease by Pool</b>		<b>4.30</b>	<b>24.10</b>		<b>0</b>			
Smith Federal	1		0					
Smith Federal	2		0					
Smith Federal	3			2.00				
Smith Federal	4			0				
<b>Total per Lease by Pool</b>			<b>0</b>	<b>2.00</b>				
<b>Grand Total for Pool</b>		<b>8.40</b>	<b>117.40</b>	<b>3.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Exhibit 3**

Additional wells proposed to add to the MOC Federal Central Facility.

State Property Number	Well Name	Well Number	API well no.	Oil Facility	TWN	RNG	Sec	Unit Letter Or Lot#	Feet from N/S line	Feet from E/W line	State/Fed	Lease Number	Unit or COM Number	Reservoir	Pool Code	Status
16957	Federal C 35	1	30-015-10403	Station 235 Facility	21S	23E	35	F	1650' FNL	1650' FWL	Federal	NM/NM06953		Indian Basin Upper Penn	79040	Active
16957	Federal C 35	2	30-015-27629	Station 235 Facility	21S	23E	35	M	800' FSL	800' FWL	Federal	NM/NM06953		Indian Basin Upper Penn	79040	Active
16957	Federal C 35	3	30-015-30619	Station 235 Facility	21S	23E	35	J	1500' FSL	2080' FEL	Federal	NM/NM06953		Indian Basin Upper Penn	79040	Active
16957	Federal C 35	4	30-015-32453	Station 235 Facility	21S	23E	35	G	2310' FNL	1980' FEL	Federal	NM/NM06953		Indian Basin U. Penn Assoc.	33685	Active
6390	Federal IBA Gas Com	1	30-015-10556	Station 215 Facility	21S	23E	15	K	1650' FSL	1650' FWL	Federal	NM 05612 A	SW 280	Indian Basin Upper Penn	79040	Active
6390	Federal IBA Gas Com	2	30-015-30041	Station 215 Facility	21S	23E	15	I	1980' FSL	660' FEL	Federal	NM 0384628	SW 280	SDD Upper Penn Assoc.	15475	Active
6392	Federal IBC Gas Com	1	30-015-10788	Station 226 Facility	21S	23E	29	J	1700' FSL	1550' FEL	Federal	NM 0384625	SW 342	Indian Basin Upper Penn	79040	Active
26830	Federal IBC Gas Com	2	30-015-31396	Station 226 Facility	21S	23E	29	P	860' FSL	660' FEL	Federal	NM 0384625	SW 342	Indian Basin Upper Penn	79040	Active
6404	Indian Basin A'	1	30-015-00034	Station 226 Facility	21S	23E	22	J	1650' FSL	1650' FEL	Federal	NM 05612 A		Indian Basin Upper Penn	79040	Active
6404	Indian Basin A'	2	30-015-26011	Station 215 Facility	21S	23E	22	K	1650' FSL	1650' FWL	Federal	NM 05612 A		Indian Basin Upper Penn	79040	Active
6404	Indian Basin A'	3	30-015-27932	Station 215 Facility	21S	23E	22	F	1650' FNL	1650' FWL	Federal	NM 05612 A		Indian Basin Upper Penn	79040	Active
6404	Indian Basin A'	4	30-015-31469	Station 215 Facility	21S	23E	22	G	1650' FNL	1650' FEL	Federal	NM 05612 A		Indian Basin Upper Penn	79040	Active
6405	Indian Basin C'	1	30-015-10332	Station 226 Facility	21S	23E	26	F	1650' FNL	1650' FWL	Federal	NM/NM 070522 A		Indian Basin Upper Penn	79040	Active
6405	Indian Basin C'	2	30-015-28167	Station 226 Facility	21S	23E	26	M	990' FNL	660' FWL	Federal	NM/NM 070522 A		Indian Basin Upper Penn	79040	Active
6405	Indian Basin C'	3	30-015-31112	Station 226 Facility	21S	23E	26	N	1360' FSL	2200' FEL	Federal	NM/NM 070522 A		Indian Basin Upper Penn	79040	Active
6406	Indian Basin D'	1	30-015-10616	Station 226 Facility	21S	23E	34	K	1650' FSL	1650' FWL	Federal	NM 034446		Indian Basin Upper Penn	79040	Active
6406	Indian Basin D'	2	30-015-28955	Station 226 Facility	21S	23E	34	F	1650' FNL	1650' FWL	Federal	NM 034446		Indian Basin Upper Penn	79040	Active
6407	Indian Basin E'	1	30-015-10617	Station 226 Facility	21S	23E	27	K	1650' FSL	1650' FWL	Federal	NM 070522 A		Indian Basin Upper Penn	79040	Active
6407	Indian Basin E'	2	30-015-29017	Station 226 Facility	21S	23E	27	F	1850' FNL	1950' FWL	Federal	NM 070522 A		Indian Basin Upper Penn	79040	Active
6412	North Indian Basin Gas Com	32	30-015-29305	Station 215 Facility	21S	23E	15	F	1750' FNL	1650' FWL	Federal	NM 05608	SW 280	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	1	30-015-10065	Station 210 Facility	21S	23E	10	M	660' FSL	660' FWL	Federal	NM 05608	891008508-O	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	4	30-015-10558	Station 210 Facility	21S	23E	16	J	1650' FSL	1652' FEL	Federal	K 1877	891008508-O	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	5	30-015-10559	Station 210 Facility	21S	23E	9	J	1815' FSL	1752' FEL	Federal	NM 051107	891008508-O	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	8	30-015-26324	Station 210 Facility	21S	23E	9	N	330' FSL	1650' FWL	Federal	NM 05551	891008508-O	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	9	30-015-27917	Station 210 Facility	21S	23E	16	K	1650' FSL	1775' FWL	State	E 10170	891008508-O	Indian Basin Upper Penn	79040	Active
6411	North Indian Basin Unit	21	30-015-28621	Individual Separator	21S	23E	11	F	2245' FNL	1815' FWL	Federal	NM 05608	891008508-A	Indian Basin Morrow	78960	Active
6411	North Indian Basin Unit	31	30-015-30111	Station 210 Facility	21S	23E	10	J	1980' FSL	1980' FEL	Federal	NM 05608	891008508-O	SDD Upper Penn Assoc.	15475	Active
6413	North Indian Basin Unit	34	30-015-29296	Individual Separator	21S	23E	4	P	660' FSL	660' FEL	Federal	NM 05607	891008508-A	Indian Basin Morrow	78960	Active
6411	North Indian Basin Unit	36	30-015-31048	Station 210 Facility	21S	23E	16	F	2210' FNL	1650' FWL	State	E 1877	891008508-O	Indian Basin Upper Penn	79040	Active
16958	Smith Federal	1	30-015-10567	Station 311 Facility	22S	23E	11	F	1650' FNL	1650' FWL	Federal	NM 0251099 A		Indian Basin Upper Penn	79040	Active
16958	Smith Federal	2	30-015-29789	Station 311 Facility	22S	23E	11	L	1465' FSL	800' FWL	Federal	NM 0251099 A		Indian Basin Upper Penn	79040	Active
16958	Smith Federal	3	30-015-31342	Station 311 Facility	22S	23E	11	H	1514' FNL	870' FEL	Federal	NM 0251099 A		Indian Basin U. Penn Assoc.	33685	Active
16958	Smith Federal	4	30-015-32957	Station 311 Facility	22S	23E	11	H	1511' FNL	839' FEL	Federal	NM 0251099 A		Indian Basin U. Penn Assoc.	33685	Active
6408	Indian Hills State Com	1	30-015-22448	Indian Hills State Com Battery	20S	24E	36	G	1650' FNL	1980' FEL	State	L 5098		SDD Upper Penn Assoc.	15475	Active
6408	Indian Hills State Com	2	30-015-22694	Currently T Ad well	20S	24E	36	P	660' FSL	660' FEL	State	L 5098		Cemetery Morrow	74640	T Ad
6408	Indian Hills State Com	3	30-015-27168	Indian Hills State Com Battery	20S	24E	36	D	660' FNL	660' FWL	State	E 10083		SDD Upper Penn Assoc.	15475	Active
6408	Indian Hills State Com	4	30-015-27235	Indian Hills State Com Battery	20S	24E	36	E	1880' FNL	660' FWL	State	L 5098		SDD Upper Penn Assoc.	15475	Active
6408	Indian Hills State Com	5	30-015-27433	Indian Hills State Com Battery	20S	24E	36	L	1980' FSL	660' FWL	State	E 10083		SDD Upper Penn Assoc.	15475	Active
6408	Indian Hills State Com	6	30-015-27456	Indian Hills State Com Battery	20S	24E	36	K	1980' FSL	1980' FWL	State	L 5098		SDD Upper Penn Assoc.	15475	Active
6408	Indian Hills State Com	8	30015274860	Indian Hills State Com Battery	20S	24E	36	M	976' FSL	860' FWL	State	E 10083		SDD Upper Penn Assoc.	15475	Active

## **Appendix B**

### **Schematics**

- Exhibit 5 :**  
Plat showing location of leases, wells, flowlines, and proposed trunk line to carry commingled production to MOC Federal Central Battery.
- Exhibit 6 :**  
Schematic diagrams of MOC Federal Battery before changes.
- Exhibit 7 :**  
Schematic diagram of MOC Federal Battery after changes.
- Exhibit 8 :**  
Schematic diagram of Station 311 before commingling.
- Exhibit 9 :**  
Schematic diagram of Station 311 after commingling.
- Exhibit 10 :**  
Schematic diagram of Station 235 before commingling.
- Exhibit 11 :**  
Schematic diagram of Station 235 after commingling.
- Exhibit 12 :**  
Schematic diagram of Station 226 before commingling.
- Exhibit 13 :**  
Schematic diagram of Station 226 after commingling.
- Exhibit 14 :**  
Schematic diagram of Station 227 (no changes).
- Exhibit 15 :**  
Schematic diagram of Station 229 (no changes).
- Exhibit 16 :**  
Schematic diagram of Station 215 before commingling.
- Exhibit 17 :**  
Schematic diagram of Station 215 after commingling.
- Exhibit 18 :**  
Schematic diagram of Station 210 before commingling.
- Exhibit 19 :**  
Schematic diagram of Station 210 after commingling.
- Exhibit 20 :**  
Schematic diagram of NIBU # 21 facility after commingling.
- Exhibit 21 :**  
Schematic diagram of NIBU 11 Satellite Facility after commingling with NIBU # 21.
- Exhibit 22 :**  
Schematic diagram of proposed Indian Hills State Com 1, 3, & 4 Facility.
- Exhibit 23 :**  
Schematic diagram of proposed Indian Hills State Com 5, 6, & 8 Facility
- Exhibit 24 :**  
Schematic diagram of Indian Hills State Com # 1 well facility before commingling.
- Exhibit 25 :**  
Schematic diagram of Indian Hills State Com Central Battery (wells 3 & 4) before commingling.
- Exhibit 26 :**  
Schematic diagram of Indian Hills State Com # 5 well facility before commingling.
- Exhibit 27 :**  
Schematic diagram of the Indian Hills State Com # 6 well facility before commingling.
- Exhibit 28 :**  
Schematic diagram of the Indian Hills State Com # 8 well facility before commingling.

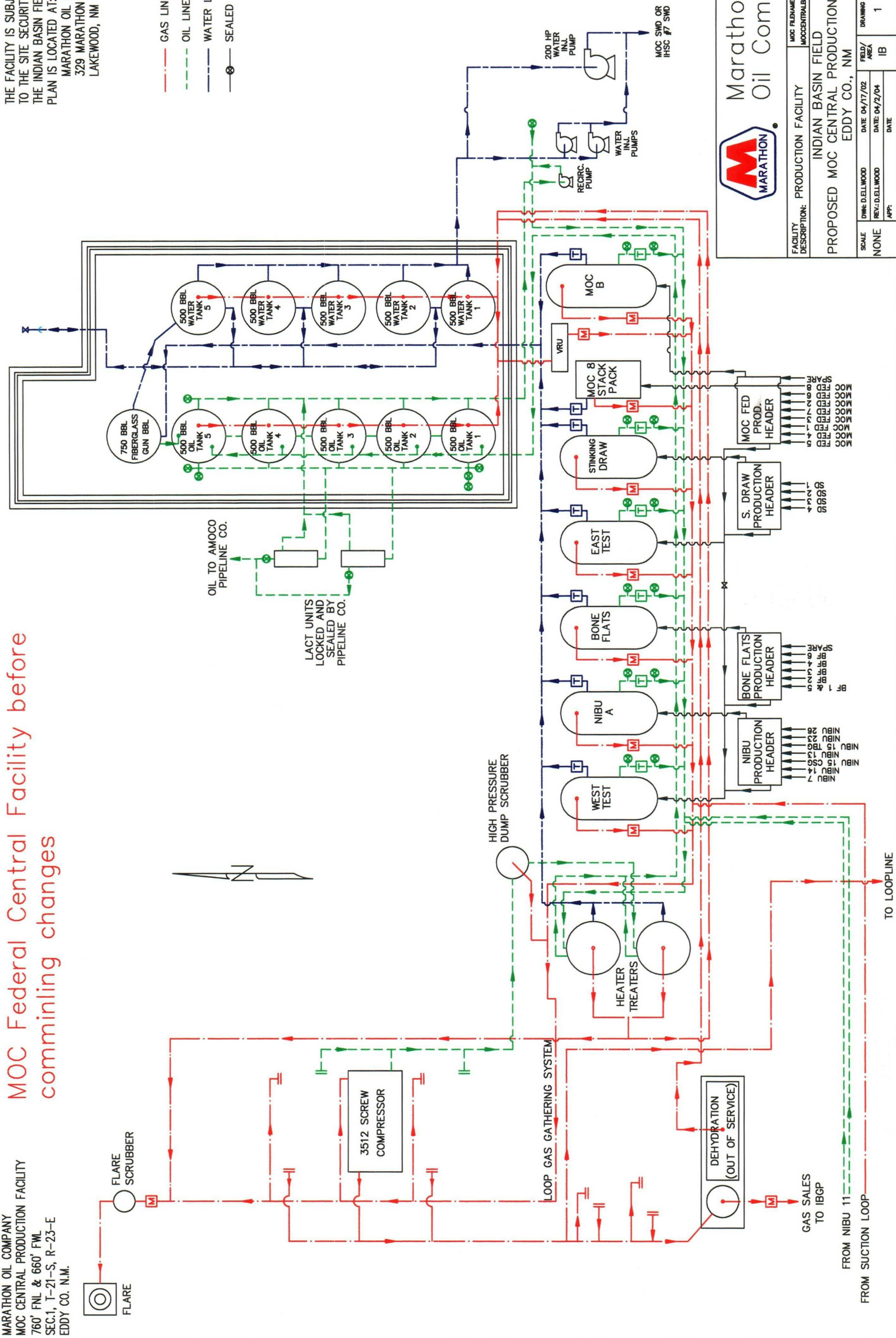


MOC Federal Central Facility before  
comminling changes

MARATHON OIL COMPANY  
MOC CENTRAL PRODUCTION FACILITY  
760' FNL & 660' FWL  
SEC.1, T-21-S, R-23-E  
EDDY CO. N.M.

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259

- GAS LINE
- OIL LINE
- WATER LINE
- SEALED VALVE



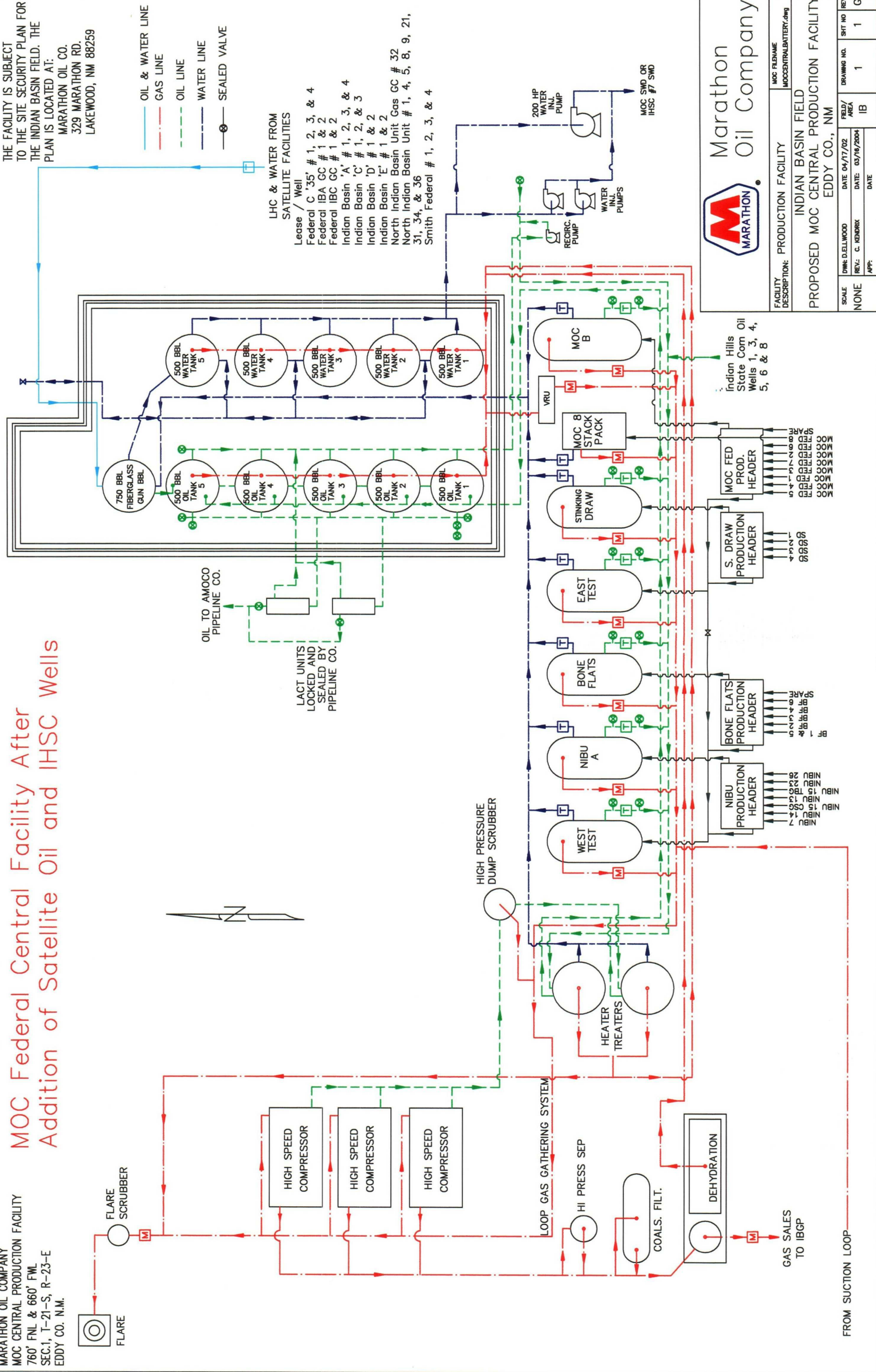
Marathon Oil Company

FACILITY DESCRIPTION:		MOC FILENAME	
PRODUCTION FACILITY		MOCCENTRALBATTERY_Rev H.dwg	
INDIAN BASIN FIELD			
PROPOSED MOC CENTRAL PRODUCTION FACILITY			
EDDY CO., NM			
SCALE	DRAWN: D.ELLWOOD	DATE: 04/17/02	FIELD/ AREA
NONE	REV: D.ELLWOOD	DATE: 04/2/04	IB
	APP:	DATE:	
	DRAWING NO.	SHT NO	REV
	1	1	H



## MOC Federal Central Facility After Addition of Satellite Oil and IHSC Wells

OIL & WATER LINE  
 GAS LINE  
 OIL LINE  
 WATER LINE  
 SEALED VALVE





MARATHON OIL COMPANY  
 STATION NO.: 311 - SMITH FEDERAL  
 SERVING WELLS: SMITH FEDERAL WELLS #1, #2 & #3  
 UL "F", 1650' FNL & 1650' FNL  
 SEC. 11 T-22-S, R-23-E  
 NM 0251099-A  
 EDDY CO. N.M.

Station 311 before  
 changes to commingle  
 condensate

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259

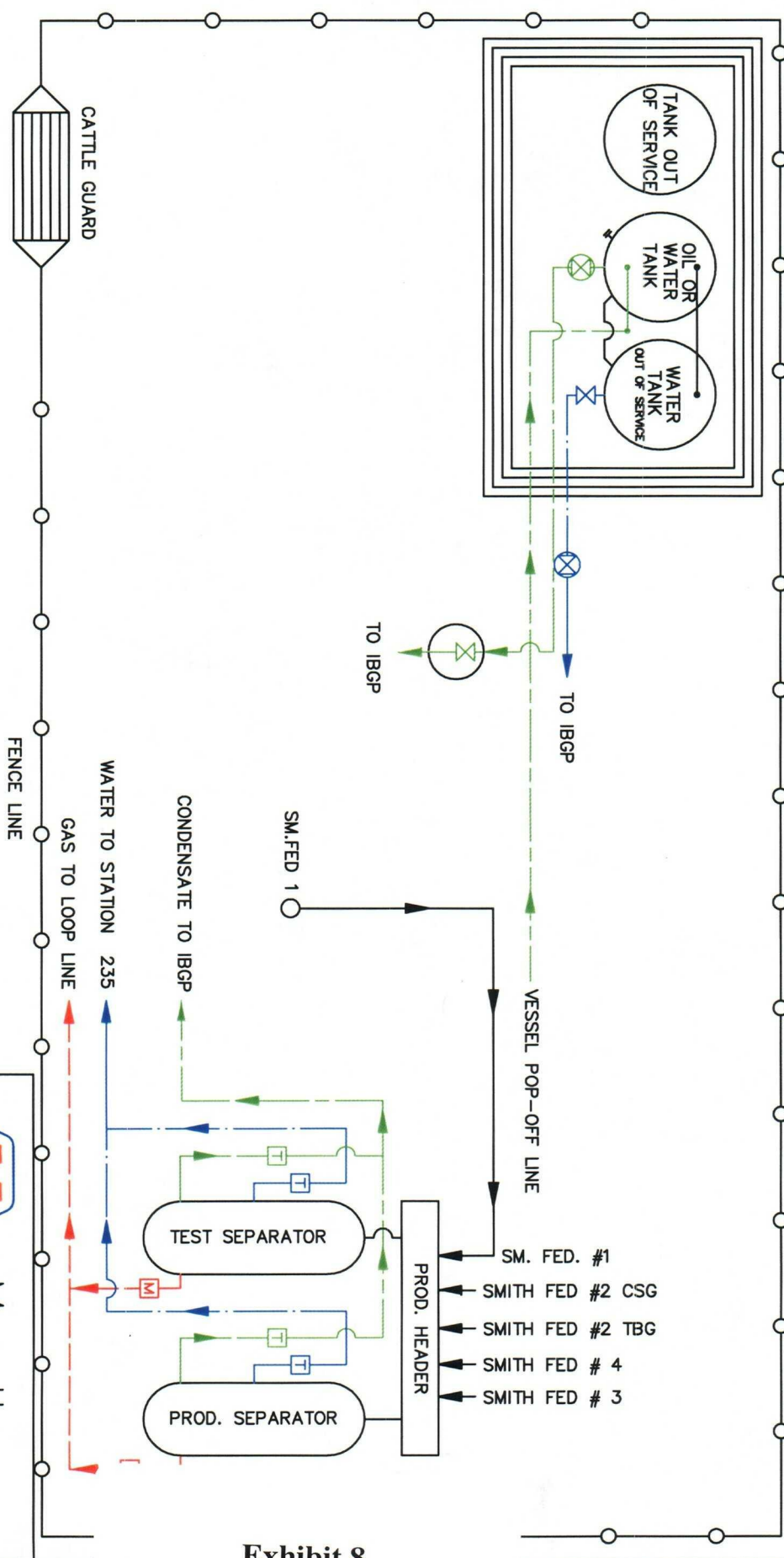



Exhibit 8

 <b>Marathon</b> Oil Company		FACILITY DESCRIPTION: PRODUCTION FACILITY		LOG FILENAME: STA311.DWG	
		INDIAN BASIN FIELD STATION 311 EDDY CO., NM			
SCALE	DWG: DELLWOOD DATE 04/17/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	APP: DATE	1	1	D

MARATHON OIL COMPANY  
 STATION NO.: 311 - SMITH FEDERAL  
 SERVING WELLS: SMITH FEDERAL WELLS #1, #2 & #3  
 UL "F", 1650' FNL & 1650' FNL  
 SEC.11 T-22-S, R-23-E  
 NM 0251099-A  
 EDDY CO. N.M.

# Station 311 after commingling condensate at MOC Fed Central Facility

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259

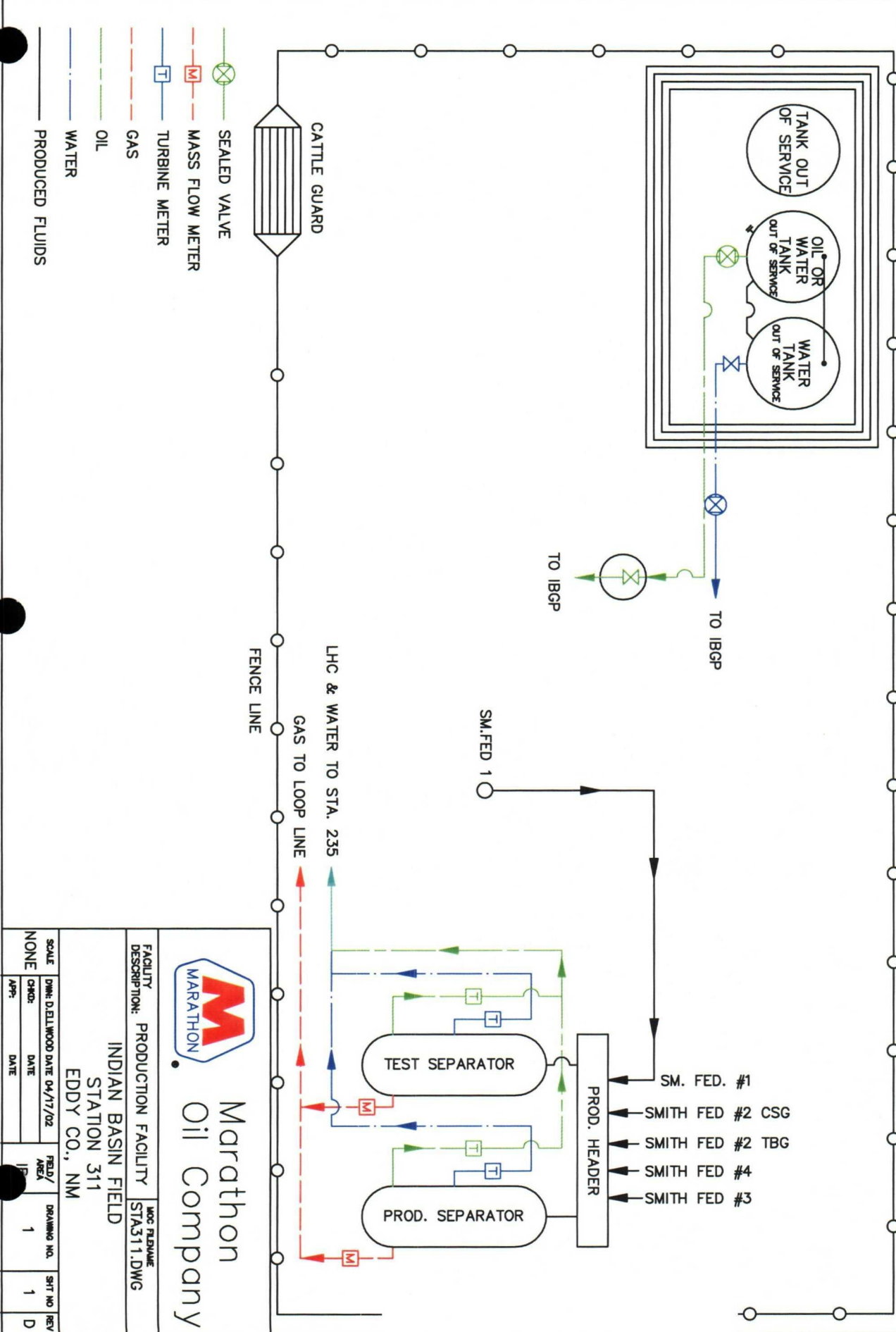
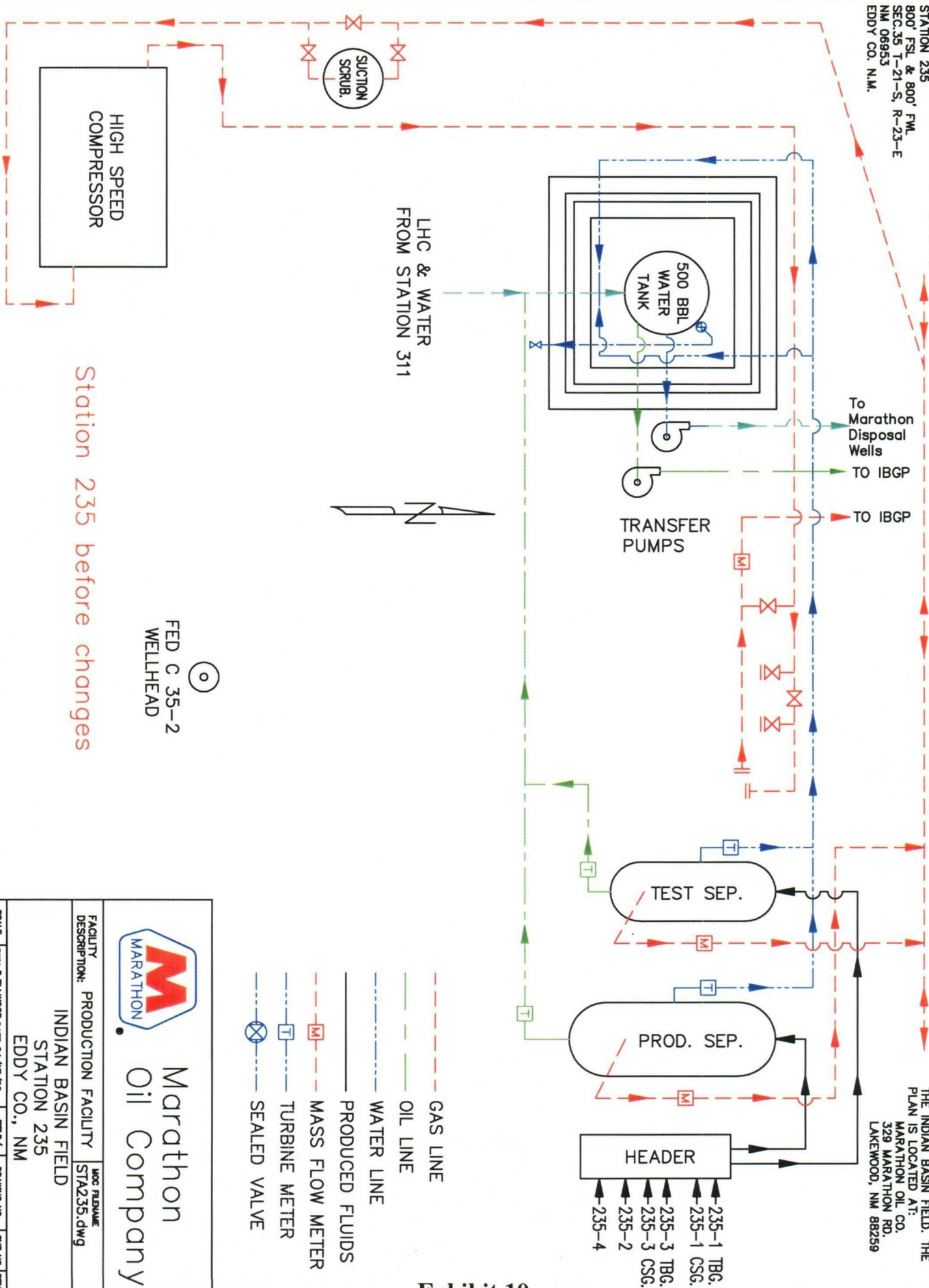


Exhibit 9

MARATHON OIL COMPANY  
SERVING WELLS: FEDERAL C "35" #1, #2, #3 & #4  
STATION 235  
800' FSL & 800' FWM  
SEC. 35 T-21-S, R-23-E  
NM 06953  
EDDY CO. N.M.

LOOP GAS GATHERING SYSTEM

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259



Station 235 before changes

FED C 35-2  
WELLHEAD


 Marathon Oil Company		FACILITY		MOC FILENAME	
		PRODUCTION FACILITY		STA235.dwg	
INDIAN BASIN FIELD					
STATION 235					
EDDY CO., NM					
SCALE	DWG. DATE	DATE	FIELD/AREA	DRAWING NO.	SHEET NO.
NONE	CHKD:	DATE		1	1
	APP:	DATE			D

Exhibit 10



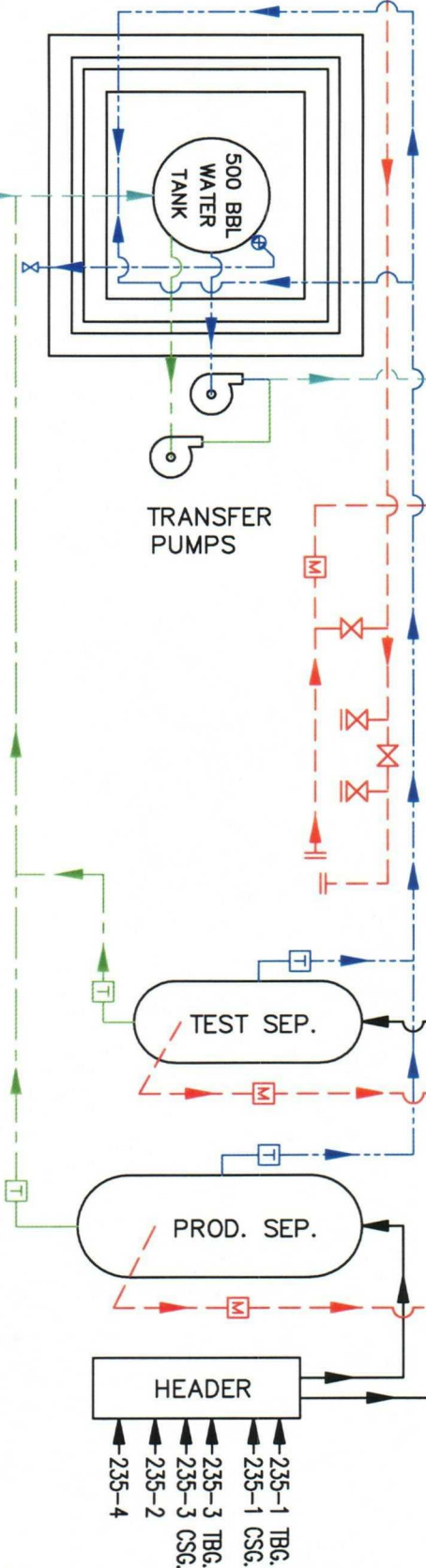
MARATHON OIL COMPANY  
SERVING WELLS: FEDERAL C "35" #1, #2, #3 & #4  
STATION 235  
800' FSL & 800' FWL  
SEC. 35 T-21-S, R-23-E  
NM 06953  
EDDY CO. N.M.

LOOP GAS GATHERING SYSTEM

LHC & WTR  
TO MOC  
CENTRAL  
FACILITY  
GUN BARREL  
TANK

TO IBGP

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259



LHC & WATER  
FROM STATION 311



FED C 35-2  
WELLHEAD

Station 235 after changes  
to Commingle with MOC  
Federal Central Facility

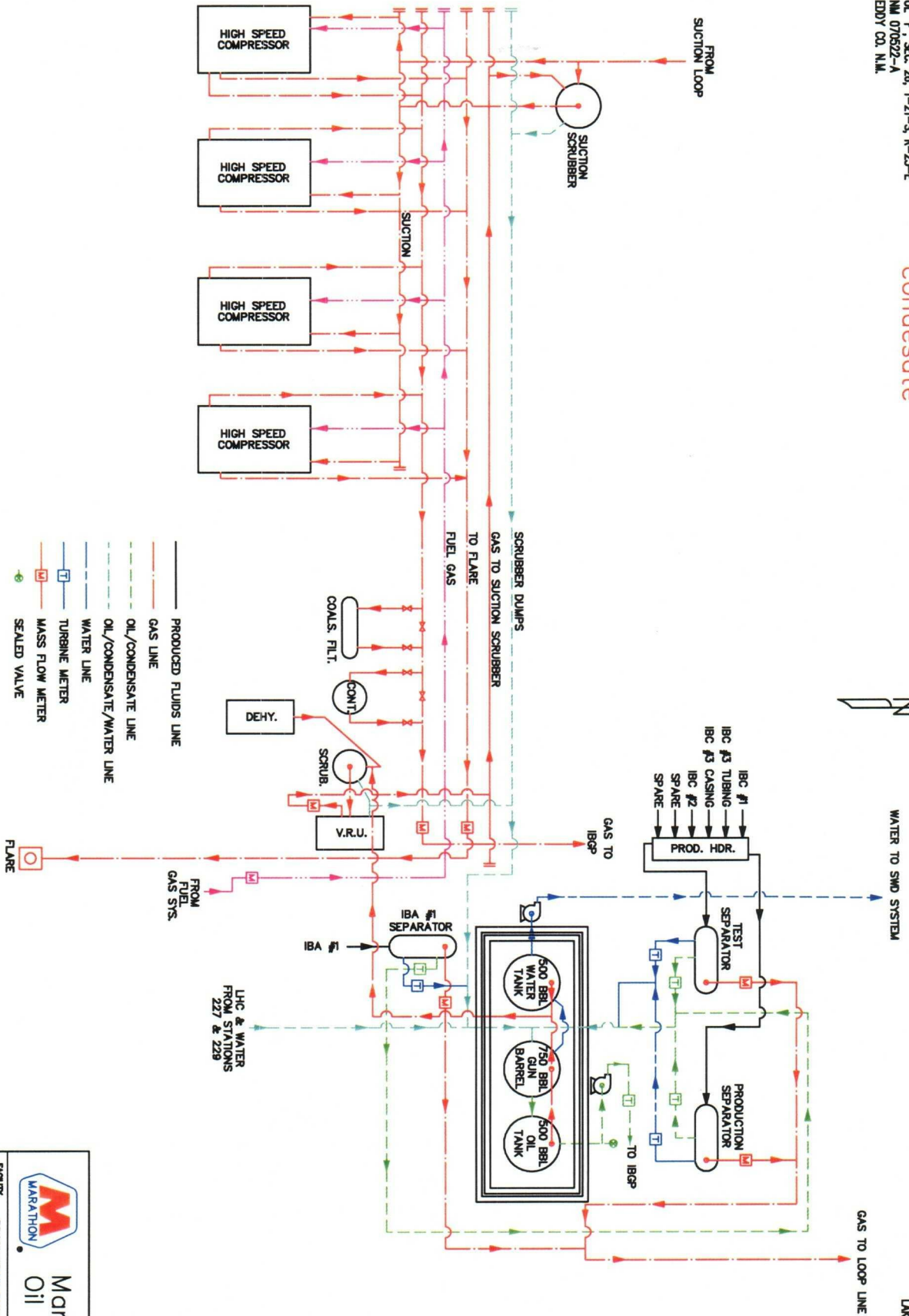
- GAS LINE
- OIL LINE
- WATER LINE
- PRODUCED FLUIDS
- MASS FLOW METER
- TURBINE METER
- SEALED VALVE

 Marathon Oil Company		FACILITY		MOC FILENAME	
		DESCRIPTION: PRODUCTION FACILITY		STA235.dwg	
INDIAN BASIN FIELD		STATION 235			
EDDY CO., NM		EDDY CO., NM			
SCALE	DWG DATE	FIELD AREA	DRAWING NO.	SHEET NO.	REV.
NONE	04/17/02	1	1	1	D

Exhibit 11

MARATHON OIL COMPANY  
SERVING WELLS: INDIAN BASIN C #1, 2 & 3,  
AND INDIAN BASIN A #1  
STATION NO. 226 (SIB)  
1650' P.M. & 1650' P.M.  
U. T-1, SEC. 26, T-21-S, R-23-E  
NM 070522-A  
EDDY CO. N.M.

# STATION 226 before changes to commingle condensate



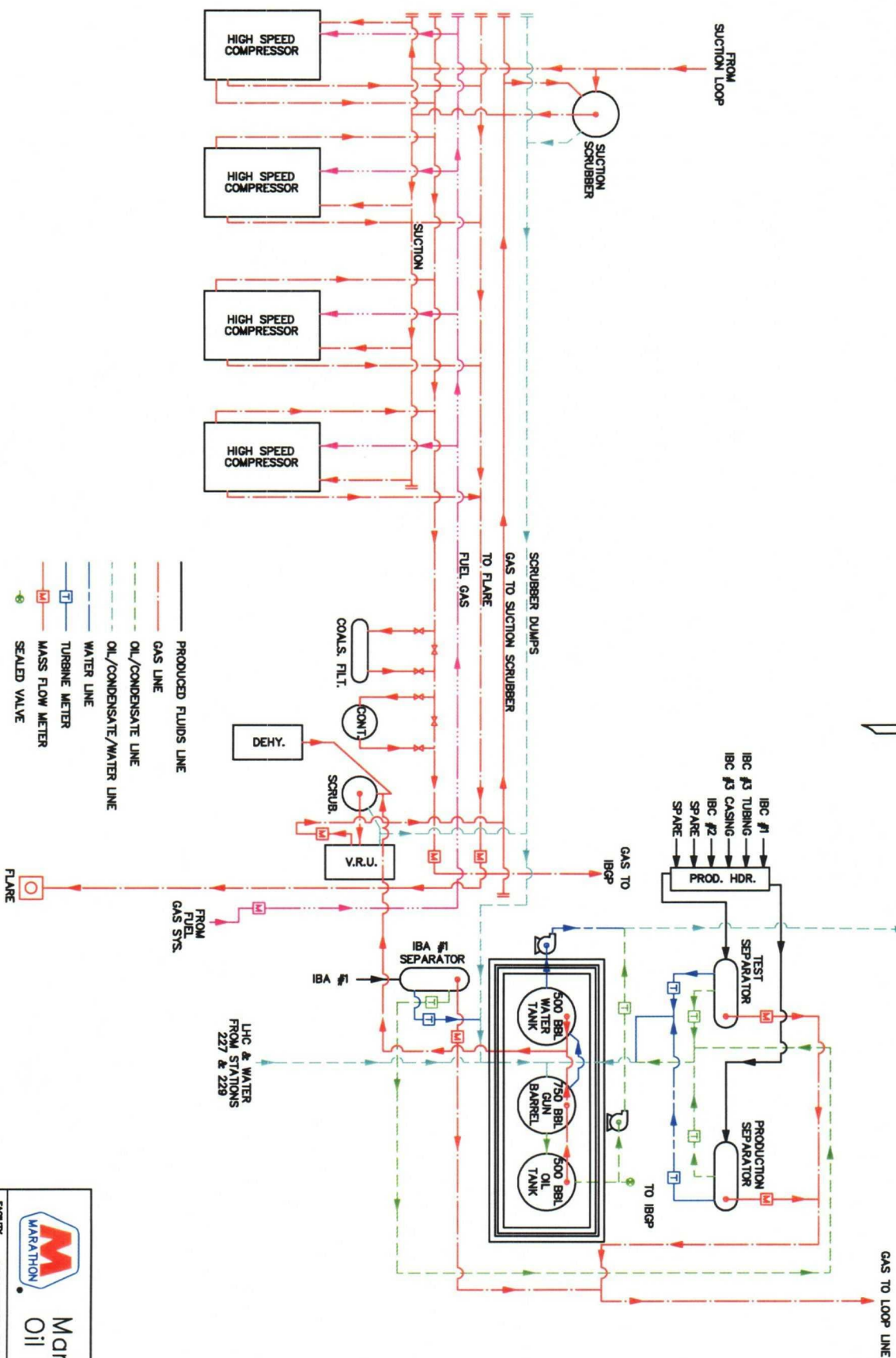
THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259

Exhibit 12

<b>Marathon Oil Company</b>	
<b>FACILITY</b> INDIAN BASIN FIELD STATION 226 (SIB) EDDY CO., NM	<b>DATE</b> 10/1/88 <b>BY</b> J. B. B.
<b>SCALE</b> NONE	<b>REVISION</b> 1

MARATHON OIL COMPANY  
SERVING WELLS: INDIAN BASIN C #1, 2 & 3,  
AND INDIAN BASIN A #1  
STATION NO. 226 (SIB)  
1650' F.M. & 1650' F.M.  
U. T. SEC. 26, T-21-S, R-23-E  
NM 070522-A  
EDDY CO. N.M.

# Station 226 after commingling oil/condensate with MOC Federal Central Facility



THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259

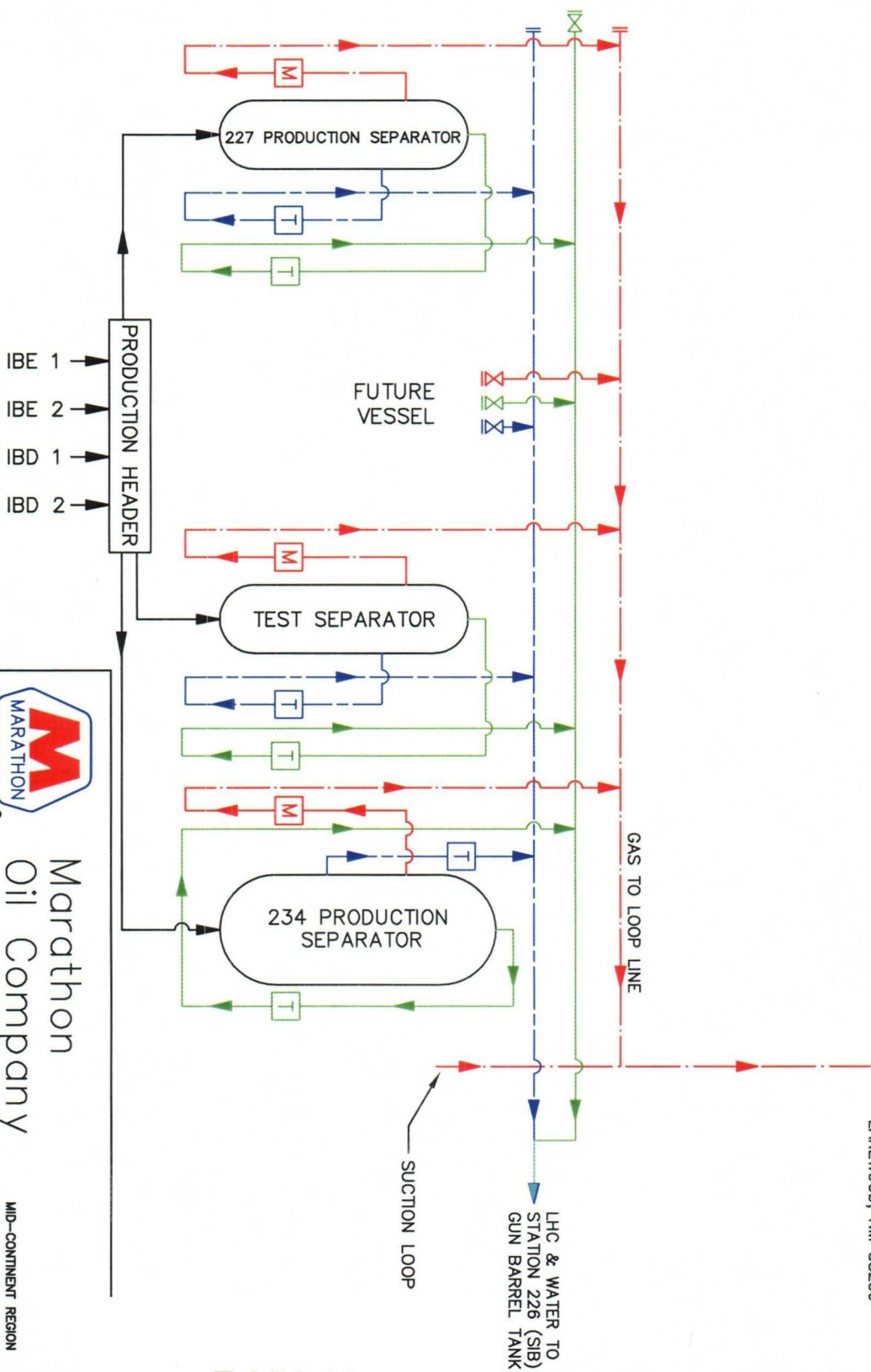
Exhibit 13

		<b>Marathon Oil Company</b>	
		PRODUCTION FACILITY STA226.DWG	
INDIAN BASIN FIELD STATION 226 (SIB) EDDY CO., NM		DATE: 08/01/00 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]	
SHEET NO. 1 OF 1		DRAWING NO. 1 REV. 1	



MARATHON OIL COMPANY  
SERVING WELLS: INDIAN BASIN "E" 1 & 2, AND "D" 1 & 2.  
STATION NO: 227  
1650' FSL & 1650' FML  
SEC. 27 T- 21 -S, R- 23 -E  
NM 070522A  
EDDY CO. N.M.

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259



TURBINE METER [T]  
MASS FLOW METER [M]  
GAS LINE ————  
CONDENSATE LINE ————  
WATER LINE ————



Marathon  
Oil Company

MID-CONTINENT REGION

FACILITY DESCRIPTION:	SATELLITE PRODUCTION FACILITY	CONTRACTOR FILENAME:	MOC FILENAME:
			STA227.DWG

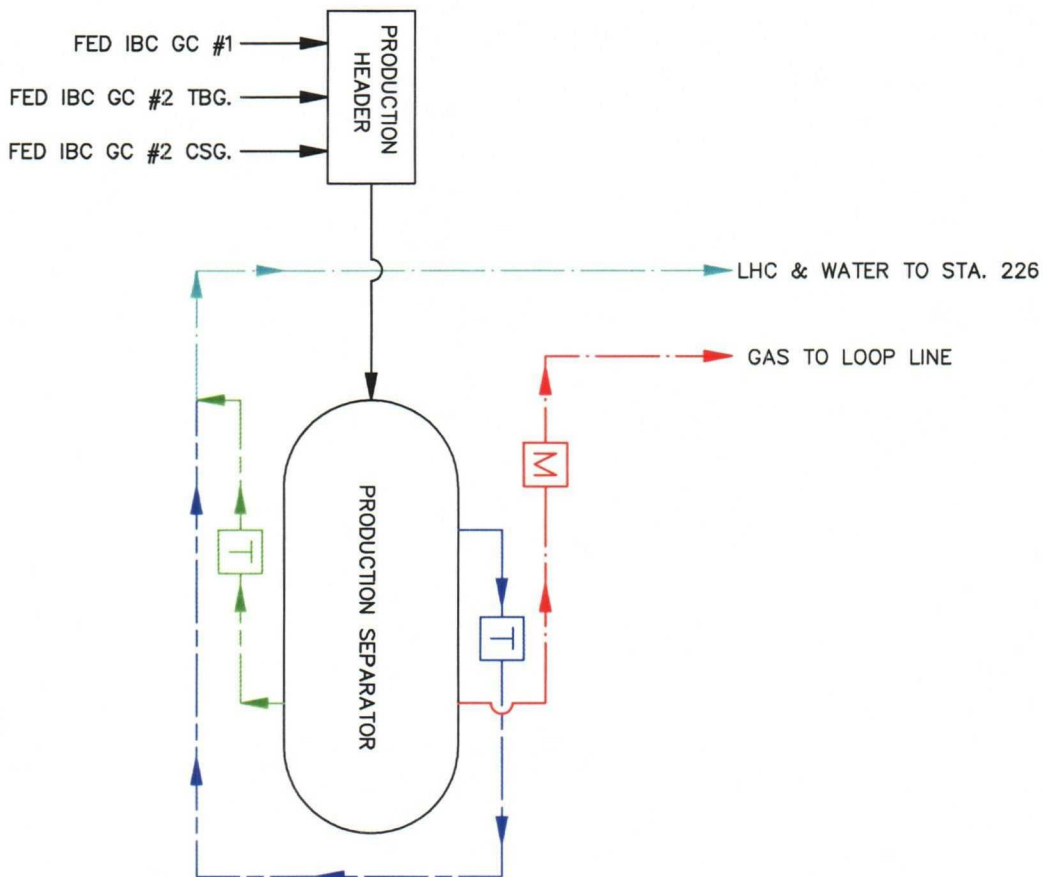
INDIAN BASIN FIELD  
STATION 227 SATELLITE PRODUCTION FACILITY DIAGRAM  
EDDY CO., NM

SCALE	DWG D/ELLWOOD DATE 10/30/01	APP/PROJ. NO.	FIELD/ AREA	SYSTEM/ FIELD	PROJECT AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE		IB			1	1	G
	APP: DATE							

Exhibit 14



MARATHON OIL COMPANY  
 STATION NO.: 229  
 SERVING WELLS: FEDERAL IBC GC #1 & #2  
 UL "J", 1700' FSL & 1550' FEL  
 SEC.29 T-21-S, R-23-E  
 EDDY CO. N.M.



THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259

Exhibit 15

— GAS LINE  
 — OIL & WATER LINE  
 — OIL LINE  
 — WATER LINE



Marathon  
 Oil Company

FACILITY DESCRIPTION: PRODUCTION FACILITY  
 MOC FILENAME: STA229.dwg

INDIAN BASIN FIELD  
 229 SATELLITE FACILITY  
 EDDY CO., NM

SCALE	OWN: DALLWOOD DATE	01/15/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	CHNG: DATE		1B	1	1	C
	APP: DATE					

MARATHON OIL COMPANY  
 SERVING WELLS: INDIAN BASIN A #2, #3, #4, FED. IBA GC #2, FED IBA #1, NIBU #32  
 STATION NO: 215  
 1650' FSL & 1650' FNL  
 SEC.15, T-21-S, R-23-E  
 NM 05612A  
 EDDY CO. N.M.

# Station 215 before commingling condensate at MOC Federal Central Facility

THE FACILITY IS  
 TO THE SITE IS  
 THE INDIAN BA.  
 PLAN IS LOCAT  
 MARATHON  
 329 MAR  
 LAKEWOOD

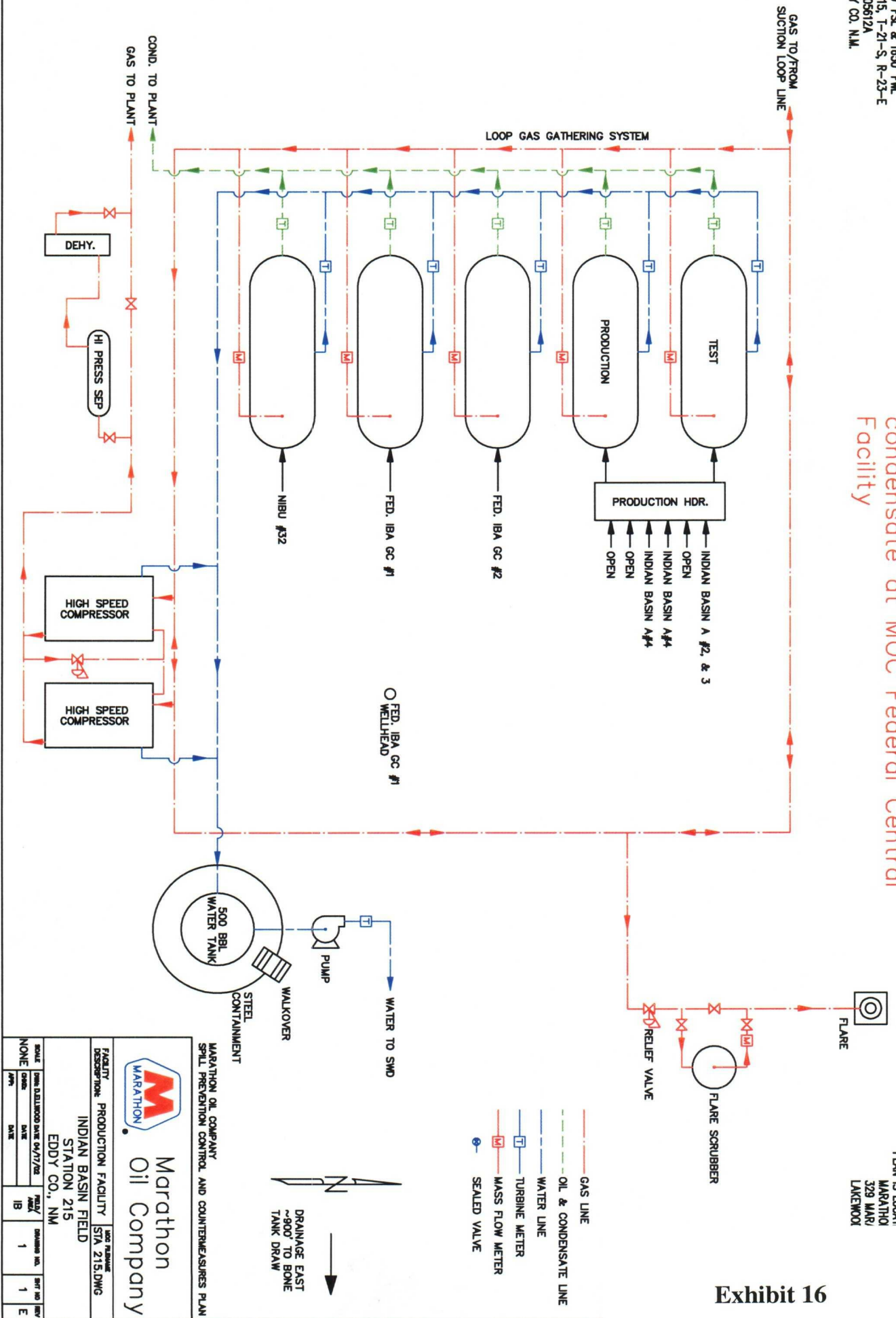


Exhibit 16

MARATHON OIL COMPANY SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	
FACILITY: PRODUCTION FACILITY DESCRIPTION: INDIAN BASIN FIELD STATION 215 EDDY CO., NM	
SCALE: NONE DATE: 04/17/02 DRAWN: IB CHECKED: 1 DATE: 04/17/02	
SHEET NO. 1 OF 1	

MARATHON OIL COMPANY  
 SERVING WELLS: INDIAN BASIN A #2, #3, #4, FED. IBA GC #2, FED IBA #1, NIBU #32  
 STATION NO: 215  
 1650' FS. & 1650' FWL  
 SEC.15, T-21-S, R-23-E  
 NM 05612A  
 EDDY CO. N.M.

# Station 215 after commingling condensate at MOC Federal Central Facility

THE FACILITY IS  
 TO THE SITE SE  
 THE INDIAN BAS  
 PLAN IS LOCAT  
 MARATHON  
 329 MAP  
 LAKEWOOD

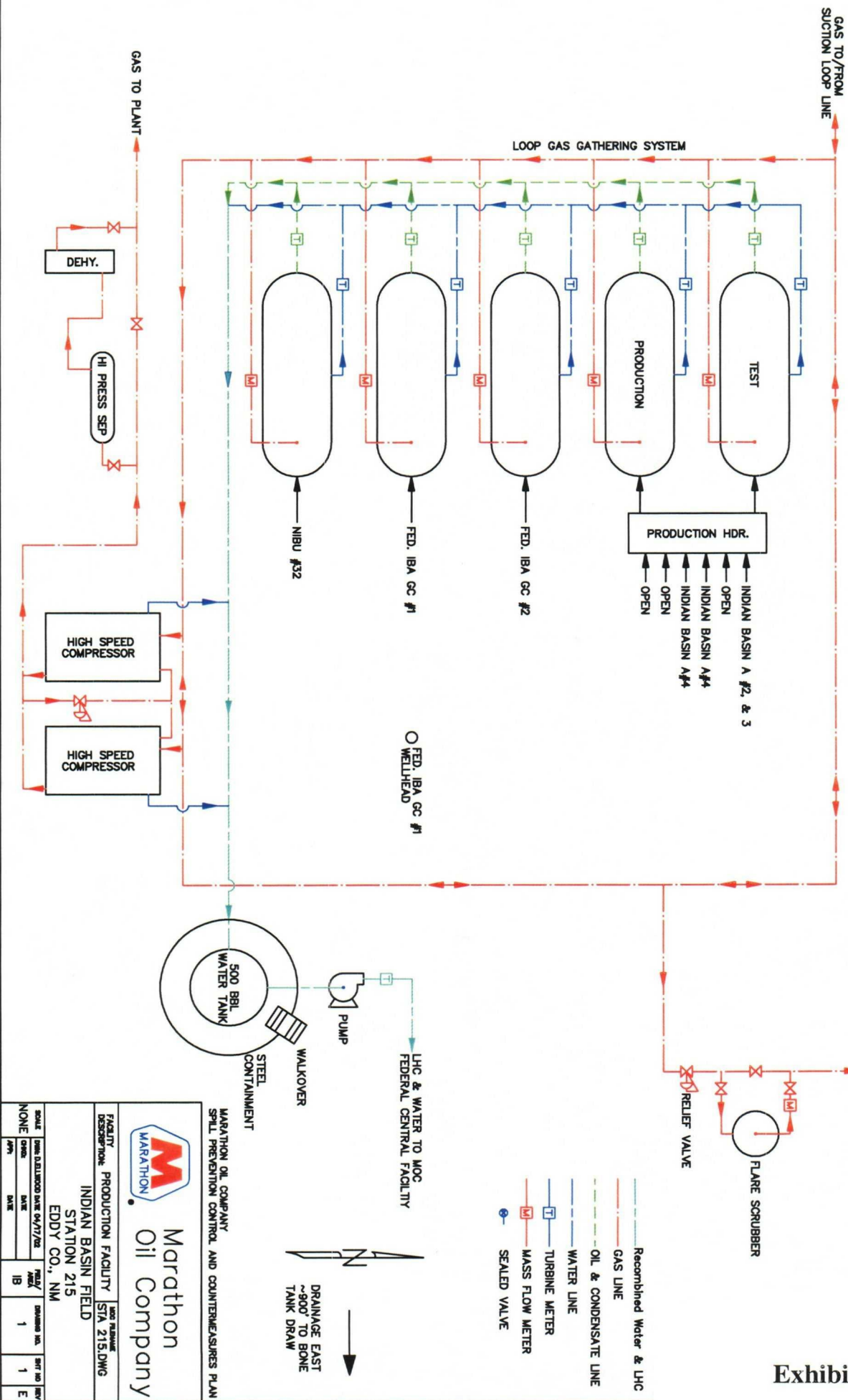


Exhibit 17

MARATHON OIL COMPANY		STATION 215	
FACILITY DESCRIPTION		INDIAN BASIN FIELD	
DESIGN NO.		STA 215.DWG	
DATE		04/17/02	
BY		IB	
CHECKED		1	
APPROVED		1	
SCALE		NONE	
SHEET NO.		1	
REV		E	



STATION 210  
before comm  
condensate

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY F  
THE INDIAN BASIN FIELD.  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RT  
LAKEWOOD, NM 88



Station 210 after  
commingling condensate  
to MOC Federal Central  
Facility

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY  
THE INDIAN BASIN FIEL  
PLAN IS LOCATED AT:  
MARATHON OIL C  
329 MARATHON F  
LAKEWOOD, NIM 8

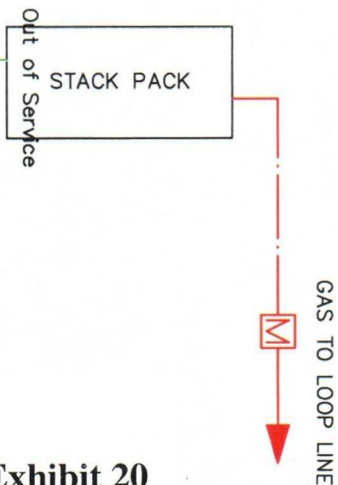
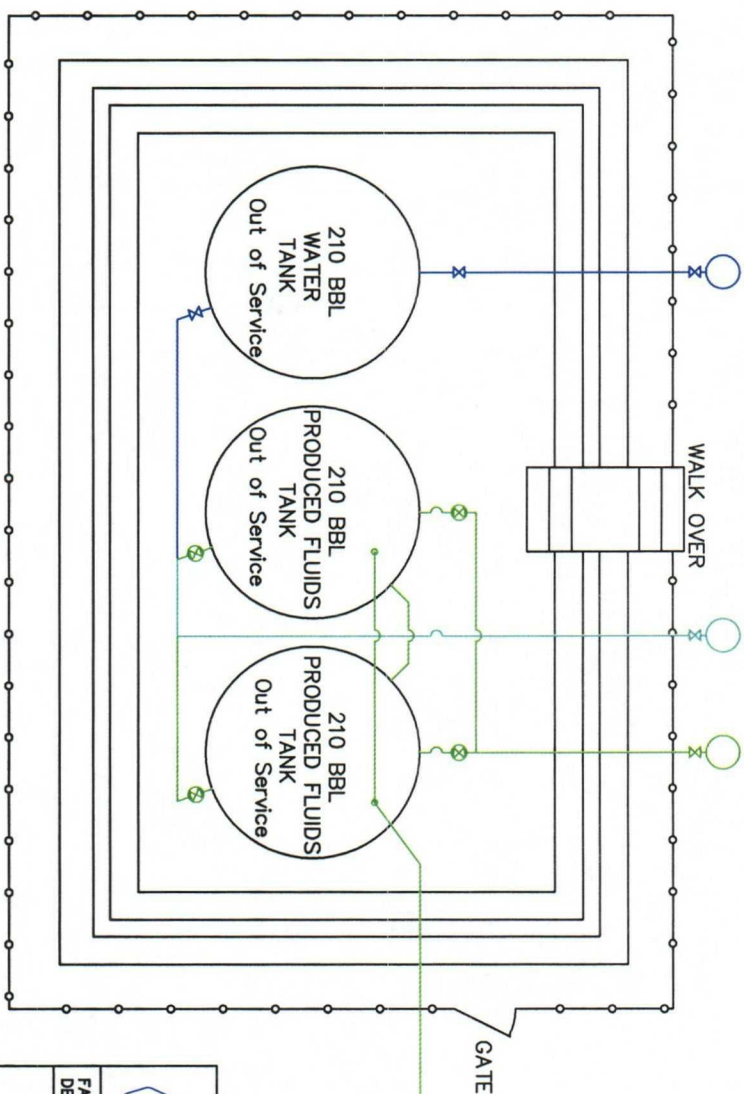
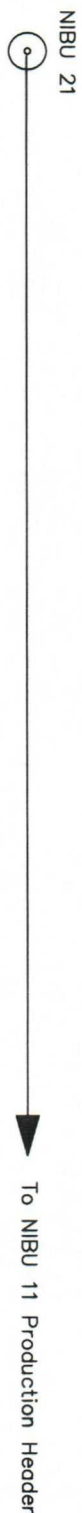





NIBU # 21 Facility After commingling.

THE FACILITY IS SUBJECT TO THE SITE SECURITY PLAN FOR THE INDIAN BASIN FIELD. THE PLAN IS LOCATED AT:

MARATHON OIL COMPANY  
329 MARATHON RD.  
LAKEWOOD, NM 88259

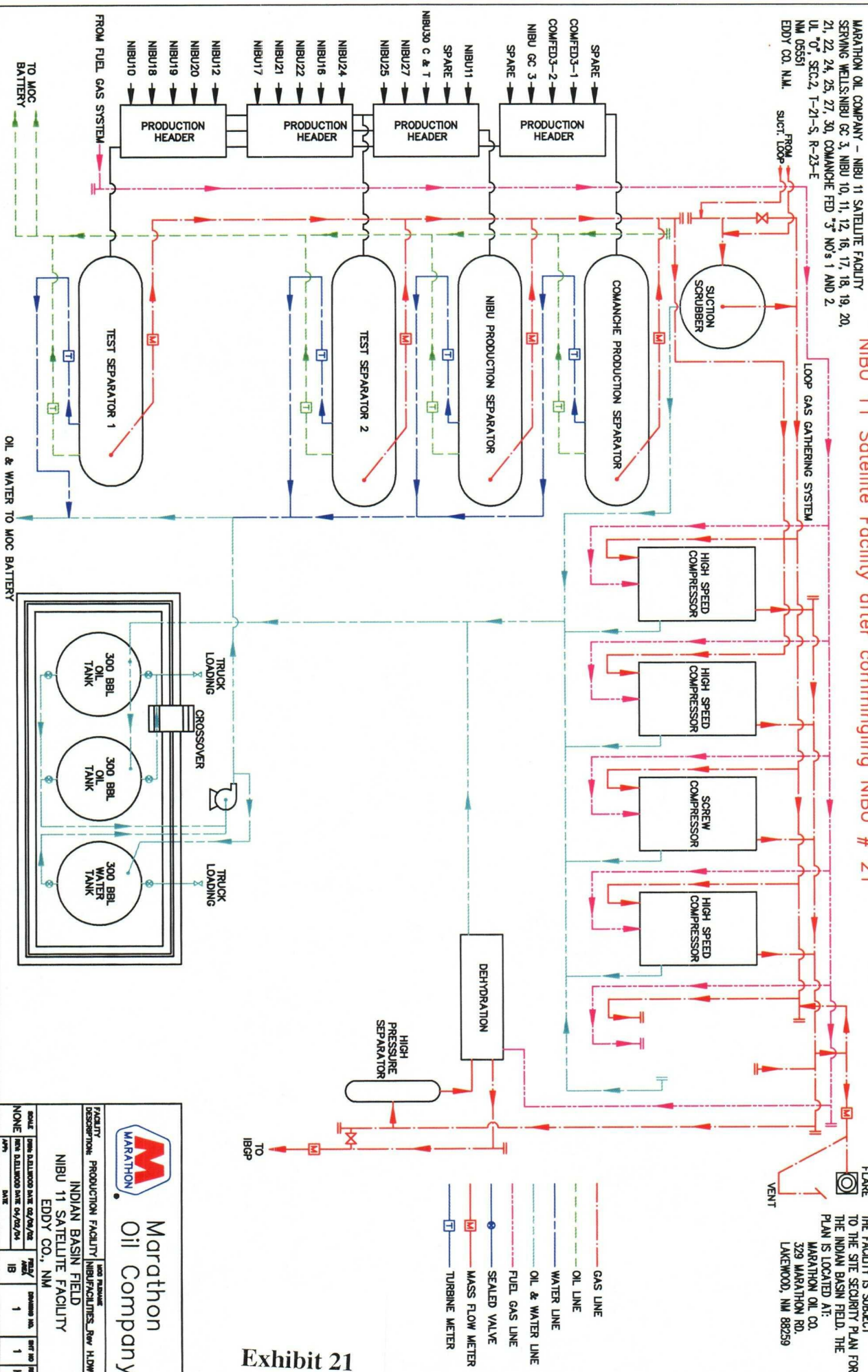


## Exhibit 20

 <div> <div>Marathon</div> <div>Oil Company</div> </div>										<div>MID-CONTINENT REGION</div>									
<div>FACILITY DESCRIPTION:</div> <div>PRODUCTION FACILITY</div>					<div>CONTRACTOR FILENAME</div> <div></div>					<div>LOC FILENAME</div> <div>NIBU21</div>									
<div>INDIAN BASIN FIELD</div>																			
<div>NIBU #21</div>																			
<div>EDDY CO., NM</div>																			
SCALE		DIM: D,ELLWOOD		DATE 02/08/02		A/E/PROJ. NO.		FIELD/ AREA		SYSTEM		PROJECT AREA		DRAWING NO.		SHT NO		REV	
NONE		CHGR:		DATE				IB		FIELD		NOF		1		1		D	
		APP:		DATE								IB							

MARATHON OIL COMPANY - NIBU 11 SATELLITE FACILITY  
 SERVING WELLS: NIBU GC 3, NIBU 10, 11, 12, 16, 17, 18, 19, 20,  
 21, 22, 24, 25, 27, 30, COMANCHE FED "T" NOS 1 AND 2,  
 UL "O", SEC. 2, 1-21-S, R-23-E  
 NM 05551  
 EDDY CO. N.M.

# NIBU 11 Satellite Facility after commingling NIBU # 21



FLARE  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88229

- GAS LINE
- OIL LINE
- WATER LINE
- OIL & WATER LINE
- FUEL GAS LINE
- SEALED VALVE
- MASS FLOW METER
- TURBINE METER

Exhibit 21

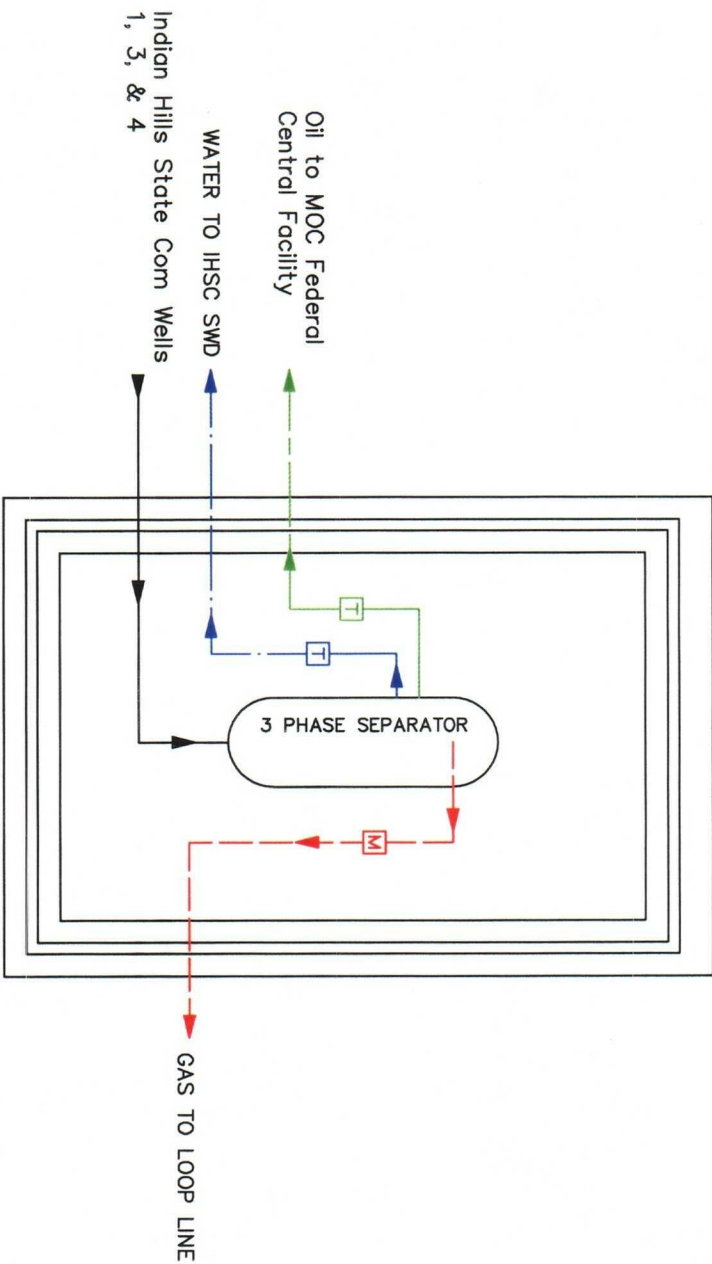
**Marathon**  
Oil Company

FACILITY DESCRIPTION: PRODUCTION FACILITY NIBU FACILITIES, Row H, LING		INDIAN BASIN FIELD	
NIBU 11 SATELLITE FACILITY		EDDY CO., NM	
DATE: 02/04/06	REV: 1	DATE: 04/02/04	REV: 1
SHEET: 1		SHEET: 1	

MARATHON OIL COMPANY  
 STATION NO.: INDIAN HILLS STATE COM N/S SATELLITE FACILITY  
 SERVING WELLS: IHSC # 1, 3, & 4  
 UL "1", 1980' FSL & 660' FWL  
 SEC.36 T-20-S, R-24-E  
 NM E-10083 & L-5098  
 EDDY CO. N.M.

# Proposed Indian Hills State Com 1, 3, & 4 Facility Located at IHSC # 5 Location

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88257



- PRODUCED FLUIDS
- GAS LINE
- OIL LINE
- WATER LINE
- MASS FLOW METER
- TURBINE METER



Marathon  
 Oil Company

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME	IHSB 1,3, & 4 FACILITY.DWG
-----------------------	---------------------	--------------	----------------------------

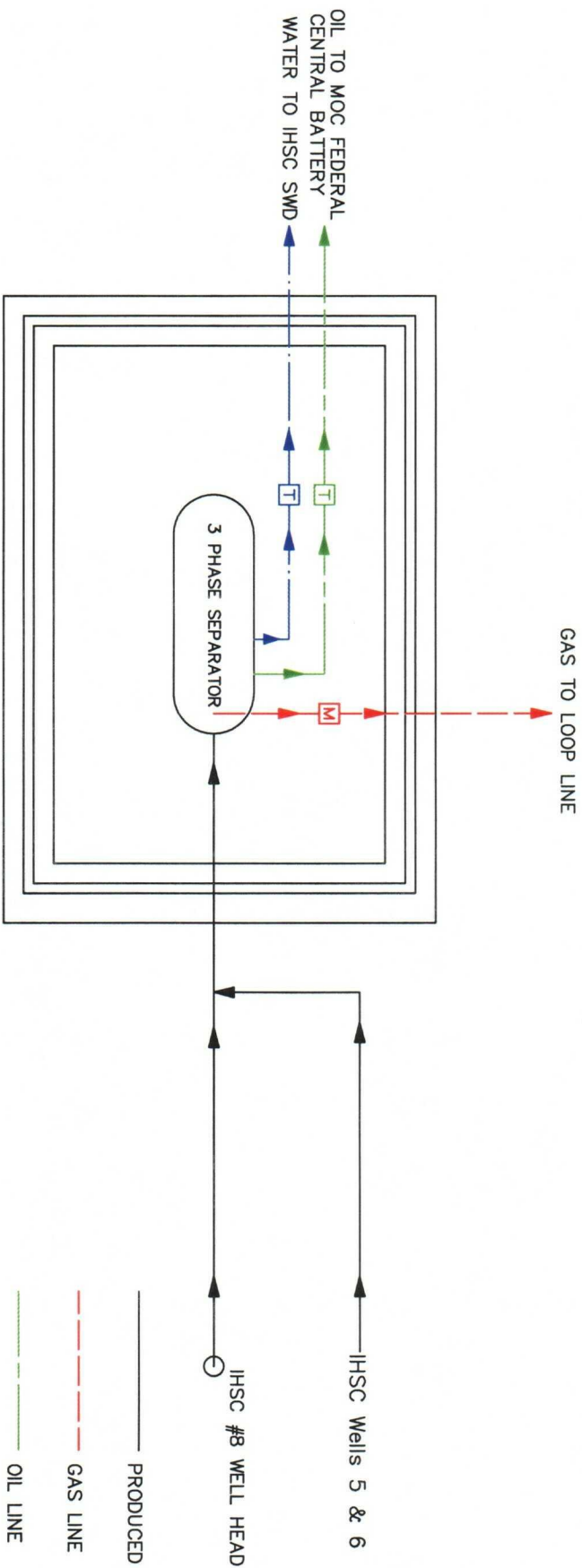
INDIAN BASIN FIELD
IHSC N/2 SATELLITE FACILITY
EDDY CO., NM

SCALE	DWG: C. KENDRICK/DATE 03/16/2004	FIELD AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	APP: DATE	1	1	C




Proposed Indian Hills State  
Com 5, 6, & 8 Facility  
Located at IHSC # 8 Location

THE FACILITY IS SUBJECT TO THE SITE SECURITY PLAN FOR THE INDIAN BASIN FIELD. THE PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88259



## Exhibit 23



# Marathon

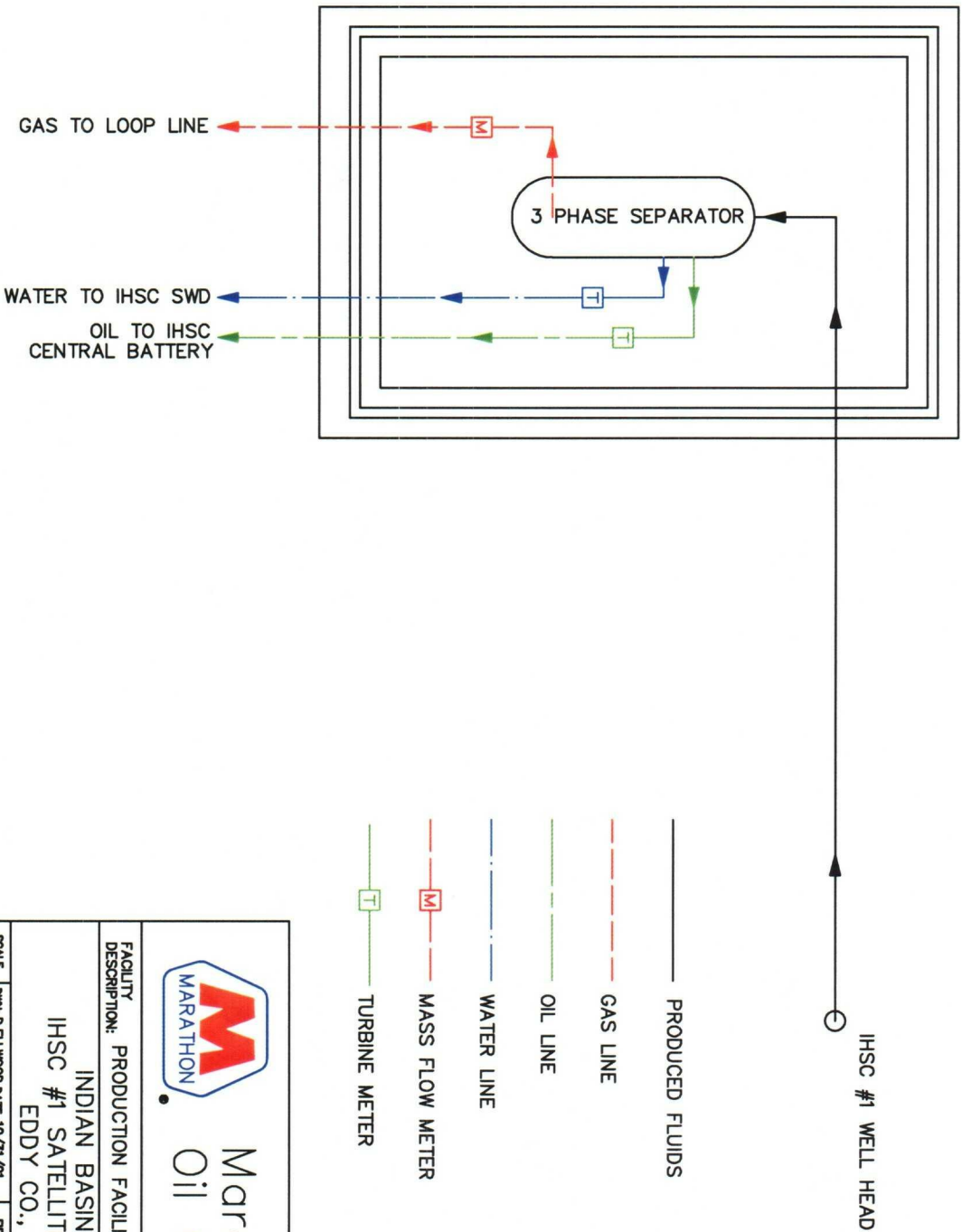
## Oil Company

<b>FACILITY DESCRIPTION:</b>  <div style="text-align: center; font-weight: bold;">INDIAN BASIN FIELD</div> <div style="text-align: center; font-weight: bold;">IHSC #8 SATELLITE FACILITY</div> <div style="text-align: center; font-weight: bold;">EDDY CO., NM</div>	<b>MOG FILENAME</b> HSC0809MAY12.MOG	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">SCALE</th> <th style="width: 20%;">DATE</th> <th style="width: 20%;">FIELD/ AREA</th> <th style="width: 20%;">DRAWING NO.</th> <th style="width: 20%;">SHT NO</th> <th style="width: 20%;">REV</th> </tr> <tr> <td style="text-align: center;">NONE</td> <td style="text-align: center;">DWH C. KENDRICK/DK 03/16/2004</td> <td style="text-align: center;">[REDACTED]</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">APP.</td> <td style="text-align: center;">DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	SCALE	DATE	FIELD/ AREA	DRAWING NO.	SHT NO	REV	NONE	DWH C. KENDRICK/DK 03/16/2004	[REDACTED]	1	1	C	APP.	DATE				
SCALE	DATE	FIELD/ AREA	DRAWING NO.	SHT NO	REV															
NONE	DWH C. KENDRICK/DK 03/16/2004	[REDACTED]	1	1	C															
APP.	DATE																			

MARATHON OIL COMPANY  
 STATION NO.: INDIAN HILLS STATE COM. #1 SATELLITE FACILITY  
 SERVING WELLS: IHSC #1  
 UL "G", 1650' FNL & 1980' FEL  
 SEC.36 T-20-S, R-24-E  
 NM E-10083  
 EDDY CO. N.M.

Indian Hills State Com # 1 Facility before  
 commingling condensate at MOC Federal Central  
 Facility

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259



 Marathon Oil Company		FACILITY DESCRIPTION: PRODUCTION FACILITY		MOC FILENAME: IHSC01/FACILITY/2106	
		INDIAN BASIN FIELD			
IHSC #1 SATELLITE FACILITY		EDDY CO., NM			
SCALE: NONE	DRAWN: DELLWOOD DATE: 10/21/01	PREP/AREA:	DRAWING NO. 1	SHEET NO. 1	REV. C
CHDS:	DATE:	DATE:			
APP:	DATE:				

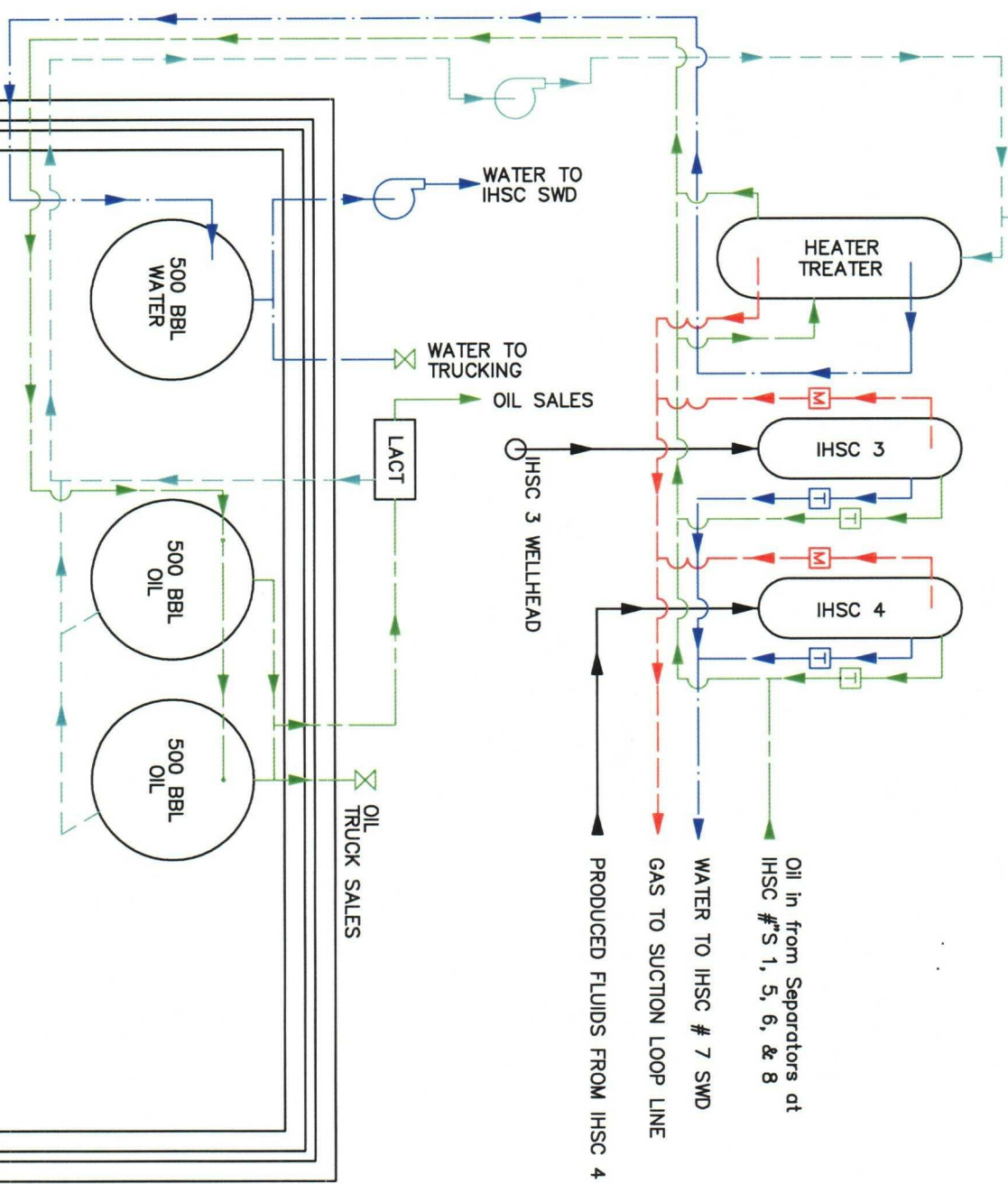
Exhibit 24

MARATHON OIL COMPANY  
 STATION NO.: INDIAN HILLS STATE COM CENTRAL BATTERY  
 SERVING WELLS: IHSC #3 & #4  
 AND SATELLITE STATIONS IHSC #1, #5, #6 & #8.  
 UL "D", 660' FML & 660' FML  
 SEC. 36 T-20-S, R-24-E  
 NM E-10083  
 EDDY CO. N.M.

Indian Hills State Com Central  
 Battery (Wells 3 & 4) before  
 commingling condensate at MOC  
 Federal Central Facility

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259

PRODUCTION FROM SATELLITE FACILITIES



- PRODUCED FLUIDS
- GAS LINE
- OIL LINE
- OIL/WATER LINE
- WATER LINE
- MASS FLOW METER
- TURBINE METER
- SEALED VALVE



Marathon  
 Oil Company

FACILITY DESCRIPTION:		PRODUCTION FACILITY		MOC FILENAME		
INDIAN BASIN FIELD INDIAN HILLS STATE COM CENTRAL BATTERY EDDY CO., NM				IHSC CENTRAL BATTERY.DWG		
SCALE	DWG: D.ELLWOOD DATE: 01/17/02		FIELD/APP:	DRAWING NO.	SHT NO	REV
NONE	MOD: C. KENDRICK DATE: 03/16/2004		1	1	1	C
APP:	DATE					

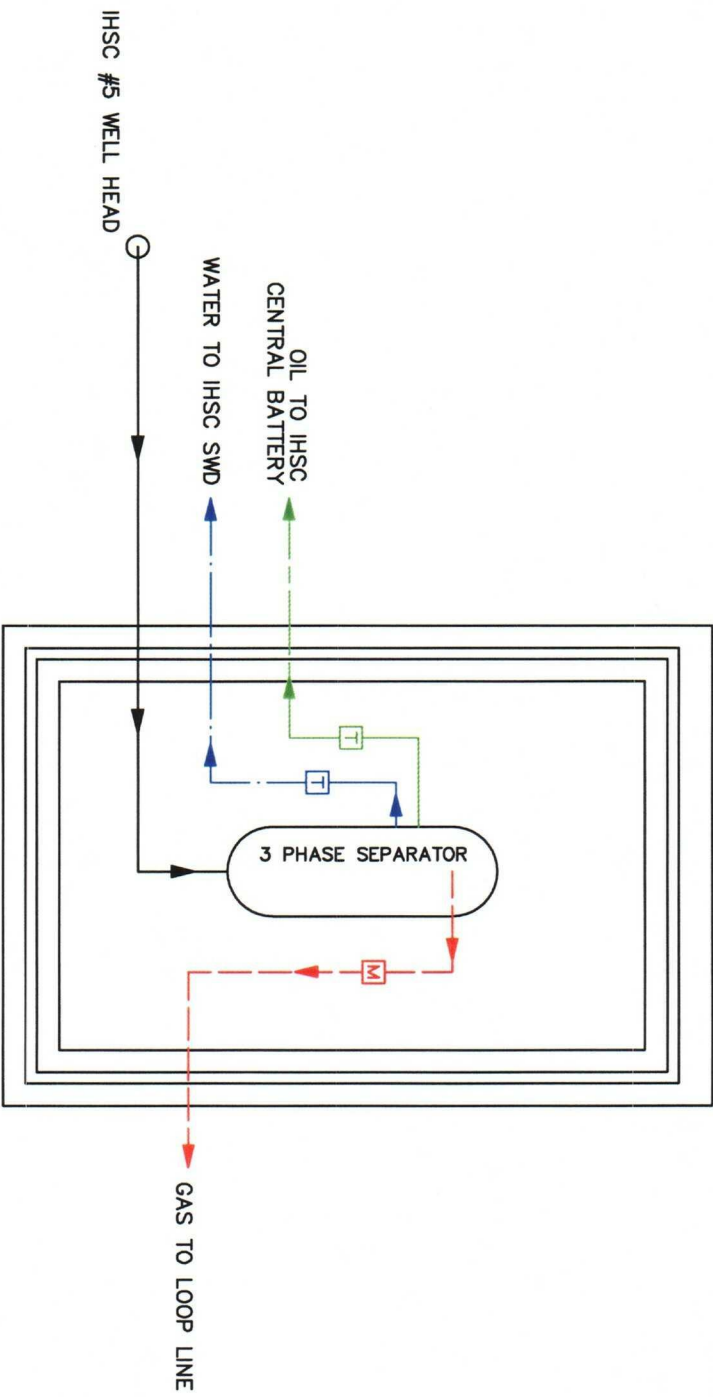
Exhibit 25



MARATHON OIL COMPANY  
 STATION NO.: INDIAN HILLS STATE COM. #5 SATELLITE FACILITY  
 SERVING WELLS: IHSC #5  
 UL "L", 1980' FSL & 660' FWL  
 SEC. 36 T-20-S, R-24-E  
 NM E-10083  
 EDDY CO. N.M.

Indian Hills State Com # 5 Facility  
 before commingling condensate to MOC  
 Federal Central Facility

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259



- PRODUCED FLUIDS
- - - GAS LINE
- - - OIL LINE
- - - WATER LINE
- - - MASS FLOW METER
- - - TURBINE METER



Marathon  
 Oil Company

FACILITY DESCRIPTION: PRODUCTION FACILITY		MOC FILENAME: IHSC05FACILITY.DWG	
INDIAN BASIN FIELD			
IHSC #5 SATELLITE FACILITY			
EDDY CO., NM			
SCALE: NONE	DWG: DELLWOOD DATE: 10/31/01	FIELD AREA: 1	DRAWING NO. 1
CHKD: DATE	DATE		SHT NO 1
APP: DATE	DATE		REV C

MARATHON OIL COMPANY  
STATION NO.: INDIAN HILLS STATE COM. #6 SATELLITE FACILITY  
SERVING WELLS: IHSC #6  
UL "K", 1980' FSL & 1980' FML  
SEC.36 T-20-S, R-24-E  
NM E-10083  
EDDY CO. N.M.

Indian Hills State Com # 6 Facility before  
commingling condensate at MOC Federal  
Central Facility

THE FACILITY IS SUBJECT  
TO THE SITE SECURITY PLAN FOR  
THE INDIAN BASIN FIELD. THE  
PLAN IS LOCATED AT:  
MARATHON OIL CO.  
329 MARATHON RD.  
LAKEWOOD, NM 88250

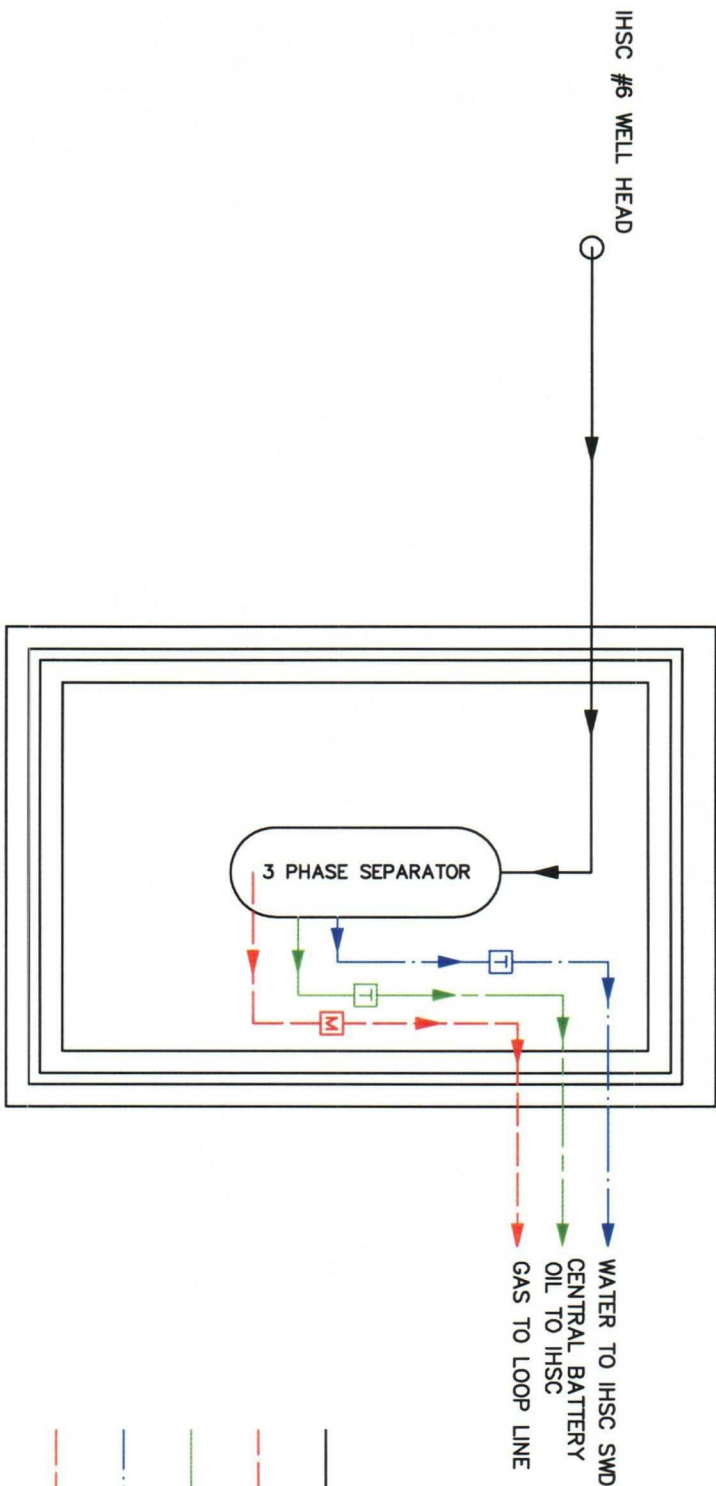


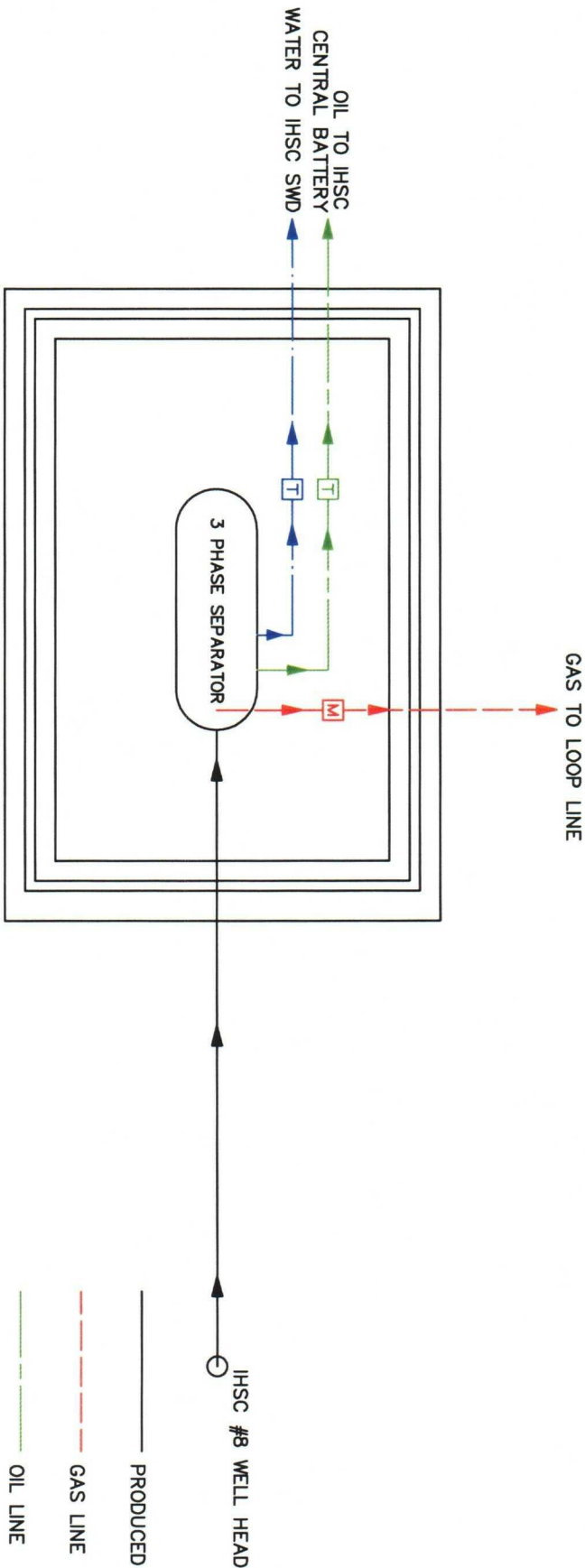
Exhibit 27


		<b>Marathon</b> Oil Company	
FACILITY DESCRIPTION: PRODUCTION FACILITY		MOC FILENAME: HSC06V001.DWG	
INDIAN BASIN FIELD IHSC #6 SATELLITE FACILITY EDDY CO., NM			
SCALE	DWG DATE	FIELD AREA	DRAWING NO.
NONE	10/31/01	1	1
CHKD:	DATE	APP:	REV
			C

MARATHON OIL COMPANY  
 STATION NO.: INDIAN HILLS STATE COM. #8 SATELLITE FACILITY  
 SERVING WELLS: IHSC #8  
 UL "M", 976' FSL & 660' FWL  
 SEC. 36 T-20-S, R-24-E  
 NM E-10083  
 EDDY CO. N.M.

Indian Hills State Com # 8 Facility  
 before commingling condensate at  
 MOC Federal Central Facility

THE FACILITY IS SUBJECT  
 TO THE SITE SECURITY PLAN FOR  
 THE INDIAN BASIN FIELD. THE  
 PLAN IS LOCATED AT:  
 MARATHON OIL CO.  
 329 MARATHON RD.  
 LAKEWOOD, NM 88259



 <b>Marathon</b> Oil Company		FACILITY DESCRIPTION: PRODUCTION FACILITY		MOC FILENAME IHSC08FACILITY.DWG	
		INDIAN BASIN FIELD IHSC #8 SATELLITE FACILITY EDDY CO., NM			
SCALE	DWG DATE	FIELD DATE	DWG NO.	SHT NO.	REV
NONE	10/23/01	1	1	1	C

**Appendix C**  
**Owner Notification Letters**

September 23, 2003

Working and Royalty Interest Owners  
(Mailing List Attached)

Re: Amendment of Commingling Orders PLC-124, PLC-144, PLC-175, CTB-482, and CTB-484

State and Federal Leases and Communitization Agreements Affected: E-10169, E-10170, E-7906, NM-1832, NM-0251099-A, NM-34446, NM-384623, NM-384625, NM-384628, NM-4827-B, NM-51107, NM-05551, NM-05551-A, NM-05607, NM-05608, NM-05612-A, NM-06953, NM-70522-A, NM-81677, Unit Agreement 891008508-O and Com Agreements NM SW-242, SW-342, SW-280 and NM 91035, located in Townships 20, 20.5, 21 and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico

Ladies and Gentlemen:

Marathon Oil Company is proposing to amend the Indian Basin Field Commingling, Off-Lease Storage, Measurement, and Sales agreement in order to increase gas and oil production by reducing system operating pressures. This amendment will supersede Oil Conservation Division Commingling Orders PLC-124, 2<sup>nd</sup> Amendment, PLC-144, 1<sup>st</sup> Amendment, PLC-175, CTB-482, 1<sup>st</sup> Amendment, and CTB-484. Currently separator pressures must be kept high to push oil into the Indian Basin Gas Plant liquid gathering system. This work will allow separator pressures to be reduced by up to 50 psi immediately at some sites and will allow for additional pressure reduction in the future. As reservoir pressure at Indian Basin continues to decline, the ability to reduce separator pressure becomes critical to keeping production rates higher for a longer period of time. While the main value of this work is increased gas and oil production, it is likely that a higher price will be received for the condensate by commingling it with other oil at the MOC Central Facility rather than sending it to the Gas Plant for sale.

Marathon proposes to change only the point of sale for some of the liquid hydrocarbon production covered by the above referenced Commingling Orders. These changes will not affect the measurement methods already agreed upon in these documents. A copy of the application is attached and explains the proposed changes in detail.

Our records indicate that you are an interest owner in one of the subject leases and, as such, pursuant to New Mexico Oil Conservation Division rules and regulations, are requested to provide your consent to this proposal. Please indicate your approval by signing in the space below and returning one copy of this letter to this office in the enclosed envelope. The second copy is for your files. If you have any objections to this application, please contact the New Mexico Oil Conservation Division Office at 1220 S. St. Francis Drive, Santa Fe, NM 87505, (505) 476-3440. If you have any questions, please call me at (915) 687-8321. Your prompt attention to this matter will be greatly appreciated.

Sincerely,



Ginny Larke  
Engineer Technician

Attachments

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 2003

\_\_\_\_\_  
Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company Name (if applicable): \_\_\_\_\_  
\_\_\_\_\_



March 15, 2004

Working and Royalty Interest Owners

Re: Amendment of Indian Basin Field Commingling Agreement (OLS 0190)  
to include Indian Hills State Com Leases (E-10083 & L-5098)

State and Federal Leases and Communitization Agreements Affected:

E-10169, E-7906, NM-1832, NM-0251099-A, NM-34446, NM-384623, NM-384625,  
NM-384628,  
NM-4827-B, NM-51107, NM-05551, NM-05551-A, NM-05607, NM-05608,  
NM-05612-A, NM-06953, NM-70522-A, NM-81677, E-10083, L-5098,  
Unit Agreement 891008508-O, and COM Agreements NM SW-242, SW-342, SW-280,  
and NM 91035, located in Townships 20, 20.5, 21, and 22 South, Ranges 23 and 24 East,  
Eddy County, New Mexico.

Ladies and Gentlemen:

Marathon Oil Company is proposing to amend the Indian Basin Field Commingle, Off Lease Storage, Measurement, and Sales agreement. This amendment will supercede OLS- 190 which gave Marathon permission to combine all the above leases with the exception of the Indian Hills State Com leases E-10083 and L-5098. This measure will allow Marathon to reduce operating costs thereby extending the viable economic life of the leases by reducing the number of field facilities needed to process oil and gas at the Indian Hills State Com locations. Production and sales on the leases commingled by the original commingling application (OLS 190) will not be affected by the addition of the two Indian Hills State Com leases. A copy of Marathon's plan is attached that explains the proposed changes in detail.

Our records indicate that you are an interest owner in one of the subject leases and , as such, pursuant to New Mexico Oil Conservation Division rules and regulations, are requested to provide your consent to this proposal. Please indicate your approval by signing in the space below and returning one copy of this letter to this office in the enclosed envelope. The second copy is for your files. If you have any objections to this application, please contact the New Mexico Oil Conservation Division Office at 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, (505) 476-3440. IF you have any questions, please call me at (713) 296-2096. Your prompt attention to this matter will be greatly appreciated.

Sincerely,



Charles Kendrix  
Engineering Technician

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 2004

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

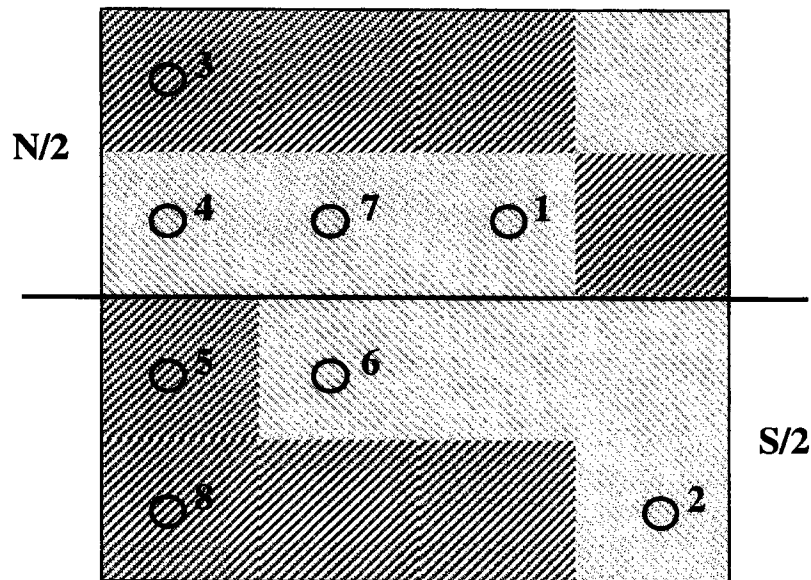
Company Name (If applicable) \_\_\_\_\_


## Commingle Amendment Proposal

Marathon Oil Company is proposing to add the Indian Hills State Com leases, L-5098 and E-10083, to the MOC Federal Central Facility commingle (OLS-190). These leases consist of the Indian Hills State Com wells 1, 2, 3, 4, 5, 6, 7, & 8. These wells are bound contractually by two communitization agreements. These Com agreements represent the different ownership on the leases from the north and south halves of Section 36 (see illustration below).

### ***INDIAN HILLS STATE COM LEASES***

#### **Section 36, T-20-S, R-24-E**



 **State Lease E-10083 (Royalty Interest – 12.5%)**

 **State Lease L-5098 (Royalty Interest – 12.5%)**

These two communitization agreements do not to my knowledge have NMOCD assigned agreement numbers, although they were recorded with the NMOCD. Copies of both agreements are included with this filing.

The north half communitization agreement was established June 1, 1978. This agreement covers wells 1, 3, 4, & 7. All wells are producing wells with the exception of # 7 which is an SWD well. Marathon is proposing to run flow lines from North half wells 1, 3, & 4.

to the well location at well 5 in the south half. These three wells would then share a three phase production separator with oil, gas, and water metered for the wells as a group. After measurement oil and gas from the production separator will flow via separate pipelines to the MOC Federal Central Facility for final sales.

The metered volume for oil will be used to allocate production and sales at the MOC Federal Central Facility back to the lease level using the following formula:

$$\frac{\text{METERED VOLUME AT LEASE} \div \text{TOTAL METERED VOLUME INTO MOC FEDERAL CENTRAL BATTERY} \times \text{TOTAL SALES OR PRODUCTION AT MOC FEDERAL CB}}{\text{TOTAL SALES OR PRODUCTION FOR THE LEASE}}$$

This allocation method will be consistent on all leases that produce oil to the MOC Federal Central facility. Gas will be sent to the gas plant via MOC Federal and the Indian Basin Loop line. Water production for the wells on the Indian Hills State Com north and south halves will still be disposed at the # 7 SWD well on the lease.

Production at the well level will be determined by allocation based on well tests. The wells will be tested on an annual basis by shutting in the well to be tested. This process of elimination testing will not affect the total oil credited to the leases.

The south half communitization agreement was established July 1, 1993. This agreement includes wells 2, 5, 6, & 8. All of these wells are producing wells with the exception of # 2, which is a TA'd Cemetery Morrow well. Marathon is proposing to connect wells 5 & 6 to the three phase separator at the # 8 well location in UL 'M' Section 36. Production and sales for these south half wells will be determined using the same metering and allocation method as detailed above for the north half wells. The oil from the south half commingle area will flow after measurement into the trunk line with the oil from the north half and on to the MOC Federal Central Battery. The oil trunk line will be tied into the MOC Federal CB at the north heater treater.

Oil production from the two sets of Indian Hills State Com wells is currently commingled in a central tank battery under order CTB 375, dated August 23, 1994. The production from wells 1, 3, 4, 5, 6, & 8 is currently metered using separators located at each well location. Production and sales is allocated to each well based on the metered volume recorded at the well separators.

The Indian Hills State Com Central Battery will be dismantled and the area not associated with the well pad for the # 3 well will be restored to a natural state. Production separators currently being used on the Indian Hills State Com wells 1, 3, 4, & 6 will be removed by transferring them to another lease or outright sale. Credit for the transfer or sale will be given to the leases in the communitization area on which the equipment was located.

In addition to the above changes Marathon is proposing to add the Indian Basin Morrow **Gas Pool (78960)** to the pool / lease commingle agreement. Marathon is currently in the process of re-completing the North Indian Basin Unit Wells 11, 22 & 23 to the Morrow formation. If these re-completions are successful, Marathon plans to use two three phase separators located at the North Indian Basin Unit Well # 11 location to separate oil, water, and gas on the North Indian Basin Unit Wells Morrow completions including the North Indian Basin Unit Well # 21 which is already producing from the Morrow formation.

One separator at the NIBU #11 location will be used for normal production operations and one will be used to test the wells. Oil, water, and gas will be metered independently at this site. Any oil and water from this site will then be sent to the MOC Federal Central Facility for sale and/ or storage.

## **Appendix D**

### **Owner Addresses Ownership by Lease and division order**



## Comanche Federal '3' Wells 1 &amp; 2 DO No. 140363

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWR:		732 CLOYDEN RD		PALOS VERDE:	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
7	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
8	DAVID L STARK		313 BALSAM		LAKE JACKSON	TEXAS	77566-6121
9	DEBORAH ANN STARK WORTHAM		6106 WALNUT DR		TUTTLE	OKLAHOMA	73089-7508
10	EDITH BIVINS		515 6TH AVE N		CALDWELL	IDAHO	83605-2962
11	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
12	FIRST CENTURY OIL INC		PO BOX 1518		ROSWELL	NEW MEXICO	88202-1518
13	GATES PROPERTIES LTD		PO BOX 81119		MIDLAND	TEXAS	79708-1119
14	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVENS ESTS		ASHEVILLE	NORTH CAROLINA	28803-2044
15	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
16	JACK D STARK		RR 1 BOX 15A		FITZHUGH	OKLAHOMA	74843-9705
17	JOHN W GATES LLC		706 WEST GRAND AVENUE		ARTESIA	NEW MEXICO	88210
18	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CIT	OKLAHOMA	73162-1800
19	KAREN K STARK BARTON		2628 SW 45TH ST		OKLAHOMA CIT	OKLAHOMA	73119-4611
20	L M STARK		305 FRONTERA		BORGER	TEXAS	79007-8076
21	LAURA ANN MCCOY LINDSEY		PO BOX 1137		ARTESIA	NEW MEXICO	88211-1137
22	LEIF HELTON OLSON ESTATE		2702 56TH ST		LUBBOCK	TEXAS	79413-4916
23	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
24	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		RUNAWAY BAY	TEXAS	76426-9740
25	MARY JANE STARK HENDERSON		347 HILLSIDE CIR		BURLESON	TEXAS	76028-5225
26	MARY LOU GIBBS		1700 RIVERSIDE DR APT NO. B519		TULSA	OKLAHOMA	74119-4677
27	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
28	MICHAEL FRANCIS MCCOY		CENTRO COLON, 2do PISO	OFICINA 2-10	FINDLAY	OHIO	45840
29	MICHAEL RAY STARK		6510 ELLSWORTH RD		FORT SMITH	ARKANSAS	72903-2656
30	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
31	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810

100

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
35	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
36	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
37	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
38	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
39	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
40	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
41	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TR	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
42	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
43	SARANN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
44	TESSA NICOLE STARK	JERRY D STARK CUSTODIAN	1878 PUTNAM DR		BARTLESVILLE	OKLAHOMA	74006-6804
45	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
46	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
47	W B STARK		2300 WEST TAYLOR APT 201		SHERMAN	TEXAS	75092-0000
48	WALLACE AND VERGINE GATES FAMILY	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAG	MONROEVILLE	PENNSYLVANIA	15146
49	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
50	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
51	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
52	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
53							



MOC Federal Wells 1, 2, 3, 4, 5, 6, 7, & 8 DO No. 140960

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	DAVID L STARK		313 BALSAM		LAKE JACKSON	TEXAS	77566-6121
2	DEBORAH ANN STARK WORTHAM		6106 WALNUT DR		TUTTLE	OKLAHOMA	73089-7508
3	EDITH BIVINS		515 6TH AVE N		CALDWELL	IDAHO	83605-2962
4	JACK D STARK		RR 1 BOX 15A		FITZHUGH	OKLAHOMA	74843-9705
5	KAREN K STARK BARTON		2628 SW 45TH ST		OKLAHOMA CIT	OKLAHOMA	73119-4611
6	L M STARK		305 FRONTERA		BORGER	TEXAS	79007-8076
7	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
8	MARY JANE STARK HENDERSON		347 HILLSIDE CIR		BURLESON	TEXAS	76028-5225
9	MARY LOU GIBBS		1700 RIVERSIDE DR APT NO. B519		TULSA	OKLAHOMA	74119-4677
10	MICHAEL RAY STARK		6510 ELLSWORTH RD		FORT SMITH	ARKANSAS	72903-2656
11	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
12	TESSA NICOLE STARK	JERRY D STARK CUSTODIAN	1878 PUTNAM DR		BARTLESVILLE	OKLAHOMA	74006-6804
13	W B STARK		2300 WEST TAYLOR APT 201		SHERMAN	TEXAS	75092-0000
14							

North Indian Basin Unit Gas Com Well # 3 DO No. 140319

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWR;		732 CLOYDEN RD		PALOS VERDE;	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
7	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
8	DAVID L STARK		313 BALSAM		LAKE JACKSON	TEXAS	77566-6121
9	DEBORAH ANN STARK WORTHAM		6106 WALNUT DR		TUTTLE	OKLAHOMA	73089-7508
10	EDITH BIVINS		515 6TH AVE N		CALDWELL	IDAHO	83605-2962
11	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
12	FIRST CENTURY OIL INC		PO BOX 1518		ROSWELL	NEW MEXICO	88202-1518
13	GATES PROPERTIES LTD		PO BOX 81119		MIDLAND	TEXAS	79708-1119
14	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVENS ESTS		ASHEVILLE	NORTH CAROLINA	28803-2044
15	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
16	JACK D STARK		RR 1 BOX 15A		FITZHUGH	OKLAHOMA	74843-9705
17	JOHN W GATES LLC		706 WEST GRAND AVENUE		ARTESIA	NEW MEXICO	88210
18	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CIT	OKLAHOMA	73162-1800
19	KAREN K STARK BARTON		2628 SW 45TH ST		OKLAHOMA CIT	OKLAHOMA	73119-4611
20	L M STARK		305 FRONTERA		BORGER	TEXAS	79007-8076
21	LAURA ANN MCCOY LINDSEY		PO BOX 1137		ARTESIA	NEW MEXICO	88211-1137
22	LEIF HELTON OLSON ESTATE		2702 56TH ST		LUBBOCK	TEXAS	79413-4916
23	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
24	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		RUNAWAY BAY	TEXAS	76426-9740
25	MARY JANE STARK HENDERSON		347 HILLSIDE CIR		BURLESON	TEXAS	76028-5225
26	MARY LOU GIBBS		1700 RIVERSIDE DR APT NO. B519		TULSA	OKLAHOMA	74119-4677
27	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
28	MICHAEL FRANCIS MCCOY		CENTRO COLON, 2do PISO	OFICINA 2-10	FINDLAY	OHIO	45840
29	MICHAEL RAY STARK		6510 ELLSWORTH RD		FORT SMITH	ARKANSAS	72903-2656
30	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
31	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810

North Indian Basin Unit Gas Com Well # 3 DO No. 140319

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
35	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
36	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
37	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
38	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
39	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
40	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
41	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TR	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
42	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
43	SARANN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
44	TESSA NICOLE STARK	JERRY D STARK CUSTODIAN	1878 PUTNAM DR		BARTLESVILLE	OKLAHOMA	74006-6804
45	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
46	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
47	W B STARK		2300 WEST TAYLOR APT 201		SHERMAN	TEXAS	75092-0000
48	WALLACE AND VERGINE GATES FAMILY	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAG	MONROEVILLE	PENNSYLVANIA	15146
49	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
50	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
51	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
52	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
53							

North Indian Basin Unit Wells 2, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, & 30 DO No. 140334

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWR:		732 CLOYDEN RD		PALOS VERDE:	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
7	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
8	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
9	DAVID L STARK		313 BALSAM		LAKE JACKSON	TEXAS	77566-6121
10	DEBORAH ANN STARK WORTHAM		6106 WALNUT DR		TUTTLE	OKLAHOMA	73089-7508
11	EDITH BIVINS		515 6TH AVE N		CALDWELL	IDAHO	83605-2962
12	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
13	FIRST CENTURY OIL INC		PO BOX 1518		ROSWELL	NEW MEXICO	88202-1518
14	GATES PROPERTIES LTD		PO BOX 81119		MIDLAND	TEXAS	79708-1119
15	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVENS ESTS		ASHEVILLE	NORTH CAROLINA	28803-2044
16	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
17	JACK D STARK		RR 1 BOX 15A		FITZHUGH	OKLAHOMA	74843-9705
18	JOHN W GATES LLC		706 WEST GRAND AVENUE		ARTESIA	NEW MEXICO	88210
19	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CIT	OKLAHOMA	73162-1800
20	KAREN K STARK BARTON		2628 SW 45TH ST		OKLAHOMA CIT	OKLAHOMA	73119-4611
21	L M STARK		305 FRONTERA		BORGER	TEXAS	79007-8076
22	LAURA ANN MCCOY LINDSEY		PO BOX 1137		ARTESIA	NEW MEXICO	88211-1137
23	LEIF HELTON OLSON ESTATE		2702 56TH ST		LUBBOCK	TEXAS	79413-4916
24	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
25	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
26	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		RUNAWAY BAY	TEXAS	76426-9740
27	MARY JANE STARK HENDERSON		347 HILLSIDE CIR		BURLESON	TEXAS	76028-5225
28	MARY LOU GIBBS		1700 RIVERSIDE DR APT NO. B519		TULSA	OKLAHOMA	74119-4677
29	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
30	MICHAEL FRANCIS MCCOY		CENTRO COLON, 2do PISO	OFICINA 2-10	FINDLAY	OHIO	45840
31	MICHAEL RAY STARK		6610 ELLSWORTH RD		FORT SMITH	ARKANSAS	72903-2656

North Indian Basin Unit Wells 2, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, & 30 DO No. 140334

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
35	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
36	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
37	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
38	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
39	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
40	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
41	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
42	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TR	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
43	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
44	SARANNN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
45	TESSA NICOLE STARK	JERRY D STARK CUSTODIAN	1878 PUTNAM DR		BARTLESVILLE	OKLAHOMA	74006-6804
46	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
47	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
48	W B STARK		2300 WEST TAYLOR APT 201		SHERMAN	TEXAS	75092-0000
49	WALLACE AND VERGINE GATES FAMILY	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAG	MONROEVILLE	PENNSYLVANIA	15146
50	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
51	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
52	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
53	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
54							

Stinking Draw Wells 1, 2, 3, & 4 DO No. 140361

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
2	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
3	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
4	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
5							

Federal C '35' Wells 1, 2, 3, & 4 DO No. 140962

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
2	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
3							



## Federal IBA Gas Com Wells 1 &amp; 2 DO No. 140320

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBOX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWR:		732 CLOYDEN RD		PALOS VERDE:	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
7	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
8	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
9	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
10	FIRST CENTURY OIL INC		PO BOX 1518		ROSWELL	NEW MEXICO	88202-1518
11	GATES PROPERTIES LTD		PO BOX 81119		MIDLAND	TEXAS	79708-1119
12	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVEN S ESTS		ASHEVILLE	NORTH CAROLINA	28803-2044
13	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
14	JOHN W GATES LLC		706 WEST GRAND AVENUE		ARTESIA	NEW MEXICO	88210
15	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CI	OKLAHOMA	73162-1800
16	LAURA ANN MCCOY LINDSEY		PO BOX 1137		ARTESIA	NEW MEXICO	88211-1137
17	LEIF HELTON OLSON ESTATE		2702 56TH ST		LUBBOCK	TEXAS	79413-4916
18	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
19	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		RUNAWAY BAY	TEXAS	76426-9740
20	MARY JANE CLINGMAN		4416 MCFARLIN BLVD		DALLAS	TEXAS	75205-1631
21	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
22	MICHAEL FRANCIS MCCOY		CENTRO COLON, 2do PISO	OFICINA 2-10	FINDLAY	OHIO	45840
23	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
24	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
25	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
26	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
27	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
28	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
29	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
30	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
31	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810

## Federal IBA Gas Com Wells 1 &amp; 2 DO No. 140320

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	NORTEX CORP		1415 LOUISIANA STE 3100		HOUSTON	TEXAS	77002-7353
35	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
36	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TR	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
37	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
38	SARANN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
39	SOUTHWEST ROYALTIES INC	REVENUE ACCOUNT	PO BOX 678066		DALLAS	TEXAS	75267
40	SOUTHWEST ROYALTIES INC	REVENUE ACCOUNT	PO BOX 678066		DALLAS	TEXAS	75267
41	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
42	THELMA G THOMPSON		PO BOX 1576		UVALDE	TEXAS	78802-1576
43	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
44	VOL L BOSWELL TRUSTEE TAG TRUST	OF ANN KENNEDY WINSLOW DECED	2825 E SKELLY DR STE 825		TULSA	OKLAHOMA	74105-6250
45	WALLACE AND VERGINE GATES FAMILY	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAG	MONROEVILLE	PENNSYLVANIA	15146
46	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
47	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
48	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
49	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
50							

Federal IBC Gas Com Wells 1 & 2 DO No. 140326

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	CHEVRON USA PRODUCTION CO		PO BOX 840592		DALLAS	TEXAS	75284-0592
2	CHEVRON USA PRODUCTION CO		PO BOX 840592		DALLAS	TEXAS	75284-0592
3	CHEVRON USA PRODUCTION CO		PO BOX 840592		DALLAS	TEXAS	75284-0592
4	KERR MCGEE CORP	ORYX ENERGY CO ACQUISITION	PO BOX 840638		DALLAS	TEXAS	75284-0638
5	KERR MCGEE CORP	ORYX ENERGY CO ACQUISITION	PO BOX 840638		DALLAS	TEXAS	75284-0638
6	KERR MCGEE CORP	ORYX ENERGY CO ACQUISITION	PO BOX 840638		DALLAS	TEXAS	75284-0638
7	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
8	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
9							

Indian Basin A Wells 1, 2, 3, & 4 DO No. 140317

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
2	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
3	MARY JANE CLINGMAN		4416 MCFARLIN BLVD		DALLAS	TEXAS	75205-1631
4	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
5	THELMA G THOMPSON		PO BOX 1576		UVALDE	TEXAS	78802-1576
6	VOL L BOSWELL TRUSTEE TAG TRUST	OF ANN KENNEDY WINSLOW DECD	2825 E SKELLY DR STE 825		TULSA	OKLAHOMA	74105-6250
7							

Indian Basin C Wells 1, 2, & 3 DO No. 140318

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
2	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
3	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
4							

Indian Basin D Wells 1 & 2 DO No. 140324

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
2	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
3	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
4							



Indian Basin E Wells 1 & 2 DO No. 140323

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
2	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
3	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
4							

North Indian Basin Unit Gas Com Well 32 DO No. 140364

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWR:		732 CLOYDEN RD		PALOS VERDE:	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
7	COMMISSIONER OF PUBLIC LANDS		PO BOX 791		SANTA FE	NEW MEXICO	87504-0791
8	DEVON ENERGY PRODUCTION CO LP		PO BOX 843559		DALLAS	TEXAS	75284-3559
9	ENCORE OPERATING LP		777 MAIN ST STE 1400		FORT WORTH	TEXAS	76102-5356
10	FIRST CENTURY OIL INC		PO BOX 1518		ROSWELL	NEW MEXICO	88202-1518
11	GATES PROPERTIES LTD		PO BOX 81119		MIDLAND	TEXAS	79708-1119
12	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVENS ESTS		ASHEVILLE	NORTH CAROLINA	28803-2044
13	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
14	JOHN W GATES LLC		706 WEST GRAND AVENUE		ARTESIA	NEW MEXICO	88210
15	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CI	OKLAHOMA	73162-1800
16	LAURA ANN MCCOY LINDSEY		PO BOX 1137		ARTESIA	NEW MEXICO	88211-1137
17	LEIF HELTON OLSON ESTATE		2702 56TH ST		LUBBOCK	TEXAS	79413-4916
18	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
19	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		RUNAWAY BAY	TEXAS	76426-9740
20	MARY JANE CLINGMAN		4416 MCFARLIN BLVD		DALLAS	TEXAS	75205-1631
21	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
22	MICHAEL FRANCIS MCCOY		CENTRO COLON 2do PISO	OFICINA 2-10	FINDLAY	OHIO	45840
23	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
24	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
25	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
26	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
27	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
28	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
29	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
30	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
31	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810

North Indian Basin Unit Gas Com Well 32 DO No. 140364

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	NORTEX CORP		1415 LOUISIANA STE 3100		HOUSTON	TEXAS	77002-7353
35	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
36	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TR	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
37	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
38	SARANN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
39	SOUTHWEST ROYALTIES INC	REVENUE ACCOUNT	PO BOX 678066		DALLAS	TEXAS	75267
40	SOUTHWEST ROYALTIES INC	REVENUE ACCOUNT	PO BOX 678066		DALLAS	TEXAS	75267
41	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
42	THELMA G THOMPSON		PO BOX 1576		UVALDE	TEXAS	78802-1576
43	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
44	VOL L BOSWELL TRUSTEE TAG TRUST	OF ANN KENNEDY WINSLOW DECD	2825 E SKELLY DR STE 825		TULSA	OKLAHOMA	74105-6250
45	WALLACE AND VERGINE GATES FAMILY	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAG	MONROEVILLE	PENNSYLVANIA	15146
46	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
47	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
48	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
49	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412
50							

North Indian Basin Wells 1, 4, 5, 8, 9, 21, 31, 34, & 36 DO No. 140334

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1	ANN H STROMBERG		274 SAN LUIS PLACE		CLAREMONT	CALIFORNIA	91711-1746
2	BANK OF AMERICA NA ESCROW AGENT		SABINE ROYALTY TRUST LBOX 840887		DALLAS	TEXAS	75284-0887
3	BRIAN PATRICK MCCOY		1708 MEADOW CREST LANE		MANSFIELD	TEXAS	76063-2941
4	C JOHN AND DIANA R MCINTYRE JTWRs		732 CLOYDEN RD		PALOS VERDES ESTATES	CALIFORNIA	90274-1833
5	CITIZENS BK AND TR OF ARDMORE OK	T C AND JUNE B STROMBERG REV TRUST	P O BOX 277		ARDMORE	OKLAHOMA	73402
6	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
7	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
8	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
9	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		LAKE JACKSON	TEXAS	77566-6121
10	DAVID L STARK		313 BALSAM		TUTTLE	OKLAHOMA	73089-7508
11	DEBORAH ANN STARK WORTHAM		6106 WALNUT DR		CALDWELL	IDAHO	83605-2962
12	EDITH BIVINS		515 6TH AVE N		FORT WORTH	TEXAS	76102-5356
13	ENCORE OPERATING LP		777 MAIN ST STE 1400		ROSWELL	NEW MEXICO	88202-1518
14	FIRST CENTURY OIL INC		PO BOX 1518		MIDLAND	TEXAS	79708-1119
15	GATES PROPERTIES LTD		PO BOX 81119		ASHEVILLE	NORTH CAROLIN	28803-2044
16	HELEN GATES MAXWELL		218 ALDERSGATE CIRCLE GIVENS ESTS		ROSWELL	NEW MEXICO	88202-1737
17	HUGH E HANAGAN		PO BOX 1737		FITZHUGH	OKLAHOMA	74843-9705
18	JACK D STARK		RR 1 BOX 15A		ARTESIA	NEW MEXICO	88210
19	JOHN W GATES LLC		706 WEST GRAND AVENUE		OKLAHOMA CITY	OKLAHOMA	73162-1800
20	JON STROMBERG		12101 N MACARTHUR 213		OKLAHOMA CITY	OKLAHOMA	73119-4611
21	KAREN K STARK BARTON		2628 SW 45TH ST		BORGER	TEXAS	79007-8076
22	L M STARK		305 FRONTERA		ARTESIA	NEW MEXICO	88211-1137
23	LAURA ANN MCCOY LINDSEY		PO BOX 1137		LUBBOCK	TEXAS	79413-4916
24	LEIF HELTON OLSON ESTATE		2702 56TH ST		FINDLAY	OHIO	45840-3229
25	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
26	MARATHON OIL CO		539 S MAIN ST		RUNAWAY BAY	TEXAS	76426-9740
27	MARY ADELE STROMBERG PERRY		123 BEACHVIEW WAY		BURLESON	TEXAS	76028-5225
28	MARY JANE STARK HENDERSON		347 HILLSIDE CIR		TULSA	OKLAHOMA	74119-4677
29	MARY LOU GIBBS		1700 RIVERSIDE DR APT NO. B519		ARDMORE	OKLAHOMA	73402-1412
30	MARY LOVE STROMBERG TRUST	MARY LOVE STROMBERG TRUSTEE	PO BOX 1412		FINDLAY	OHIO	45840
31	MICHAEL FRANCIS MCCOY		CENTRO COLON, 2do PISO	OFICINA 2-10			

North Indian Basin Wells 1, 4, 5, 8, 9, 21, 31, 34, & 36 DO No. 140334

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
32	MICHAEL RAY STARK		6510 ELLSWORTH RD		FORT SMITH	ARKANSAS	72903-2656
33	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
34	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
35	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
36	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
37	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
38	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
39	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
40	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
41	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
42	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
43	ROBERT L BERGMAN	JACQUELINE R BERGMAN REVOCABLE TF	DATED 04/20/88	2515 GAYE DRIVE	ROSWELL	NEW MEXICO	88201-3424
44	SARA S JONES		1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
45	SARANN CO	ATTN SARA STROMBERG JONES	1203 VERNON RD		ARDMORE	OKLAHOMA	73401-3653
46	TESSA NICOLE STARK	JERRY D STARK CUSTODIAN	1878 PUTNAM DR		BARTLESVILLE	OKLAHOMA	74006-6804
47	THE HILL FOUNDATION	WELLS FARGO BANK NA TRUSTEE	OGM MAC C7324 038	PO BOX 5383	DENVER	COLORADO	80217-5383
48	VIRGINIA GATES IRISH		7450 OLIVETOS AVE APT 154		LA JOLLA	CALIFORNIA	92037-4902
49	W B STARK		2300 WEST TAYLOR APT 201		SHERMAN	TEXAS	75092-0000
50	WALLACE AND VERGINE GATES FAMILY T	VERGINE RUSSELL GATES TRUSTEE	700 BEATTY RD APT 350	BEATTY POINTE VILLAGE	MONROEVILLE	PENNSYLVANIA	15146
51	WESTWAY PETRO		500 N AKARD ST STE 200		DALLAS	TEXAS	75201-6615
52	WHEATLEY TRUST AGENCY	FIRST NATL BANK OF ARTESIA AGENT	PO DRAWER AA		ARTESIA	NEW MEXICO	88211-7526
53	WILLIAM DOUGLASS MCCOY		10359 BOBCAT BLUFF		SAN ANTONIO	TEXAS	78251
54	WILLIAM H STROMBERG TRUST	WILLIAM H STROMBERG TRUSTEE	PO BOX 1412		ARDMORE	OKLAHOMA	73402-1412

## Smith Federal Wells 1, 2, &amp; 3 DO No. 140963

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1							
2	ALTON B GOLDSTON TESTAMENTARY TR		7801 BENT TREE		AMARILLO	TEXAS	79121-1929
3	ANDERSEN MALONE TRUST DTD 12/5/91	BAYNARD W MALONE TRUSTEE	MARILOU A MALONE TRUSTEE	PO BOX 87	ROSWELL	NEW MEXICO	88202-0087
4	ANNE S JOHNSON		6529 HIGHWAY 42 SOUTH		FORT VALLEY	GEORGIA	31030
5	BRYAN BELL FAMILY LTD PARTNERSHIP1		1331 THIRD ST		NEW ORLEANS	LOUISIANA	70130-5743
6	DENA FERN GOLDSTON SANDERS		7801 BENT TREE		AMARILLO	TEXAS	79121-1929
7	DENA GOLDSTON NORTHRUP TRUST	AMARILLO NATIONAL BANK TRUSTEE	BOX 1		AMARILLO	TEXAS	79105-0001
8	EARL L MALONE MD		310 WEST MESCALERO RD APT 5		ROSWELL	NEW MEXICO	88201-5830
9	ELIZABETH EATON		2121 E BISCAYNE CT		HIGHLANDS RANCH	COLORADO	80126-4019
10	ELLWOOD FOUNDATION		PO BOX 550049		HOUSTON	TEXAS	77255-0000
11	ESTELLE L SHEPHERD		5739 INDIAN CR		HOUSTON	TEXAS	77057-1302
12	FOURWAY OIL CO		PO BOX 2185		LONGVIEW	TEXAS	75606-2185
13	GILBERT J EATON		914 NORTH HILL DRIVE		WEST CHESTER	PENNSYLVANIA	19380
14	HUGH E HANAGAN		PO BOX 1737		ROSWELL	NEW MEXICO	88202-1737
15	J HIRAM MOORE		PO BOX 910833		DALLAS	TEXAS	75391-0833
16	JACK P BROOK		530 NATCHEZ STREET STE 200		NEW ORLEANS	LOUISIANA	70130
17	JAMES A ELKINS JR		1166 FIRST CITY TOWER	1001 FANNIN	HOUSTON	TEXAS	77002-6706
18	JUNE D SPEIGHT		P O DRAWER 1687		LOVINGTON	NEW MEXICO	88260-1687
19	LINDEMUTH AND ASSOCIATES INC		510 HEARN ST STE 200		AUSTIN	TEXAS	78703-4516
20	LYONS FOUNDATION		1202A DAIRY ASHFORD ST		HOUSTON	TEXAS	77079-3004
21	MARATHON OIL CO		539 S MAIN ST		INDLAY	OHIO	45840-3229
22	MENASCO MARITAL TRUST	WELLS FARGO BANK COLORADO N A	TRUST NATURAL RESOURCES	PO BOX 5383	DENVER	COLORADO	80217-5383
23	MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810 TA		DENVER	COLORADO	80217-5810
24	PATRICIA PENROSE SCHEFFER TEST TR	BANK OF AMERICA AGENT	PO BOX 840738		DALLAS	TEXAS	75284-0738
25	R P BUSHMAN JR TRUST	ANNE HOLTON BUSHMAN TRUSTEE	C/O STORMS AND CRITZ	1202A DAIRY ASHFORD	HOUSTON	TEXAS	77079-3004
26	ROBERT G HANAGAN	FOR HANAGAN PROPERTIES	PO BOX 1887		SANTA FE	NEW MEXICO	87504-1887
27	ROSSER E SCHWARZ		324 W RAMONA AVE		COLORADO SPRINGS	COLORADO	80906-2177
28	RUBIE CROSBY BELL FAMILY LMT PRNTS	RUBIE C BELL MANAGING GEN PARTNER	1331 THIRD ST		NEW ORLEANS	LOUISIANA	70130-5743
29	RUSSELL D MANN	PAULINE MANN	1908 W CAROLINA WAY		ROSWELL	NEW MEXICO	88201-9782
30	VIRGINIA E EATON		461 RITTENHOUSE BLVD		JEFFERSONVILLE	PENNSYLVANIA	19403-3382



Indian Hills State Com N/2 Section 36 Wells 1, 3, 4, & 7 DO No. 140346

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1							
2	ALICE ANN HANKS	C/O MELBURN NUTT	PO BOX 9087		WICHITA FALLS	TEXAS	76308-9087
3	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
4	LOLLIE D CHAMBERS		2441 STANMORE DR		HOUSTON	TEXAS	77019
5	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
6	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
7	NORTEX CORP		1415 LOUISIANA STE 3100		HOUSTON	TEXAS	77002-7353
8	ROBERT E CHAMBERS ESTATE	ROBERT E CHAMBERS JR INDP EXEC	2441 STANMORE DR		HOUSTON	TEXAS	77019
9	W T PROBANDT		415 W WALL STE 2206		MIDLAND	TEXAS	79701-4442

Indian Hills State Com S/2 Section 36 Wells 2, 5, 6, & 8 DO No. 140347

	Owner Name Line 1	Owner Name Line 2	Owner Address Line 1	Owner Address Line 2	Owner City	Owner State	Owner Zip Code
1							
2	ALICE ANN HANKS	C/O MELBURN NUTT	PO BOX 9087		WICHITA FALLS	TEXAS	76308-9087
3	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
4	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	PO BOX 1148		SANTA FE	NEW MEXICO	87504-1148
5	CONOCOPHILLIPS COMPANY		PO BOX 160		SAINT LOUIS	MISSOURI	63150-0160
6	LOLLIE D CHAMBERS		2441 STANMORE DR		HOUSTON	TEXAS	77019
7	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
8	MARATHON OIL CO		539 S MAIN ST		FINDLAY	OHIO	45840-3229
9	NORTEX CORP		1415 LOUISIANA STE 3100		HOUSTON	TEXAS	77002-7353
10	ROBERT E CHAMBERS ESTATE	ROBERT E CHAMBERS JR INDP EXEC	2441 STANMORE DR		HOUSTON	TEXAS	77019
11	W T PROBANDT		415 W WALL STE 2206		MIDLAND	TEXAS	79701-4442



RECEIVED

JUN 14 2004

PATRICK H. LYONS  
COMMISSIONER

*State of New Mexico* OIL CONSERVATION  
*Commissioner of Public Lands* DIVISION COMMISSIONER'S OFFICE

310 OLD SANTA FE TRAIL  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

Phone (505) 827-5760  
Fax (505) 827-5766  
www.nmstatelands.org

June 8, 2004

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702-0552

Attention: Mr. Charles E. Kendrix

Re: Amendment of Indian Basin Field Commingling (OLS 0190) to include Indian Hills State Com Lease (E-10083 and L-5098)

State and Federal Leases and Communitization Agreements Affected: E-7906, E-10083, E-10169, E-10170, K-1877, L-5098, NM-04827-B, NM-05551, NM-05551-A, NM-05551-B, NM-05607, NM-05608, NM-05612-A, NM-06953, NM-034446, NM-51107, NM-81677, NM-0251099-A, NM-384623, NM-384625, NM-384628, NM-70522-A.

Unit Agreement 891008508-0 and Com Agreements NMSW-242, SW-342, SW-280, and NM 91035, located in Townships 20, 20.5, 21, and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico.

Dear Mr. Kendrix:

We have received your letter of May 13, 2004, wherein you have requested our approval to amend the Indian Basin Field Commingling, Off-Lease Storage, Measurement, and Sales agreement, OLS-0190 that covers the above referenced leases.

Since it appears that there will be no loss of revenue to the State of New Mexico's beneficiaries as a result of your proposed operation, your request is hereby approved. Our approval is given with the understanding that the Commissioner of Public Lands reserves the right to amend or withdraw his approval, should this operation prove to be unprofitable to the state at any time in the future. Also, our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Please contact Mr. Cody Morrow of our Right-of-Way Division at (505) 827-5729 for a possible right-of-way through Section 36, Township 20½ South, Range 23 East.

Your \$30.00 filing fee has been received. Please submit a copy of the NMOCD's and BLM's approvals.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY:  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744  
PL/JB/pm

pc: Reader File,  
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez  
OCD-Santa Fe Attn: Mr. David Catanach