



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

**Administrative Surface Commingling Order PLC-262**

Marathon Oil Company  
PO Box 3487  
Houston, TX 77056

Attention: Charles E. Kendrix

The above named company is hereby authorized to surface commingle, store, and sell off-lease, oil and gas production from existing and future wells within the spacing and proration units as specified in the attached Exhibit "A", all located in Eddy County, New Mexico.

This permit shall be amended in the future if wells producing from additional pool(s) and/or associated spacing and proration units are to be added to this gathering system as described in Exhibit "A".

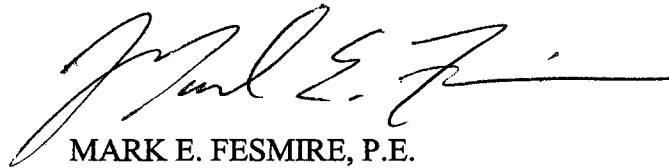
It is our understanding that mineral ownership is not identical. Production shall be allocated by separately and continuously metering the gas and oil production from each well or group of wells with identical ownership within this gathering system.

The storage and sales point for production shall be in the "MOC Federal Central Facility" located in Unit D of Section 1, Township 21 South, Range 23 East, NMPM, of Eddy County, New Mexico.

NOTE: It is the responsibility of the producer to notify the transporter of this commingling authority. In addition, the operator shall notify the Artesia district office of the Division upon commencement of commingling operations.

FURTHER: This order shall supercede all previous surface commingling orders issued by the Division pertaining to the aforementioned wells, pools, and acreage, including but not limited to, PLC-124C, PLC-144A, PLC-175A, CTB-482-1, CTB-484, CTB-481, CTB-397-A, CTB-375, and OLS-190.

Done, at Santa Fe, New Mexico on this 19th day of October 2004.



MARK E. FESMIRE, P.E.  
Division Director

MEF/wvj

cc: Oil Conservation Division – Artesia  
State Land Office – Minerals Management  
Bureau of Land Management – Carlsbad  
PLC-124C, PLC-144A, PLC-175A, CTB-482A, CTB-484, CTB-375, OLS-190

Attachment:

Four page Exhibit "A" included below:

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| Indian Basin Wells Proration and Spacing Units - All Wells to be Included in MOC Federal Cent. Battery |          |         |     |       |     |                                                |         |                                  |          |                                        |         |                                |                                      |                                |                                |
|--------------------------------------------------------------------------------------------------------|----------|---------|-----|-------|-----|------------------------------------------------|---------|----------------------------------|----------|----------------------------------------|---------|--------------------------------|--------------------------------------|--------------------------------|--------------------------------|
| Lease Name                                                                                             | Well Num | Unit    | Sec | Tsp   | Rge | South Dagger Draw<br>Upper Penn Assoc<br>15475 |         | Indian Basin Upper<br>Penn 79040 |          | Indian Basin Upper<br>Penn Assoc 33685 |         | Indian Basin<br>Morrow 78960   | East Indian<br>Basin Morrow<br>98581 | Cemetery<br>Morrow 74840       | Indian Basin<br>Wolfcamp Undes |
|                                                                                                        |          |         |     |       |     | Oil                                            | Gas     | Oil                              | Gas      | Oil                                    | Gas     | Gas                            | Gas                                  | Gas                            | Gas                            |
|                                                                                                        |          |         |     |       |     | Proration Unit Size =                          |         |                                  |          |                                        |         |                                |                                      |                                |                                |
|                                                                                                        |          |         |     |       |     | 320                                            | 320     | 640                              | 640      | 320                                    | 320     | 640                            | 640                                  | 320                            | 320                            |
|                                                                                                        |          |         |     |       |     | Well Spacing =                                 |         |                                  |          |                                        |         |                                |                                      |                                |                                |
|                                                                                                        |          |         |     |       |     | 1 to 40                                        | 1 to 40 | 1 to 160                         | 1 to 160 | 1 to 80                                | 1 to 80 | 2 to 640                       | 2 to 640                             | 1 to 160                       | 1 to 160                       |
|                                                                                                        |          |         |     |       |     | simultaneous<br>dedication allowed             |         |                                  |          |                                        |         | not in same<br>quarter section | not in same<br>quarter section       | not in same<br>quarter section | not in same<br>quarter section |
| Bone Flats 12 Federal Com                                                                              | 1        | D       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | NW / 4                         |
| Bone Flats 12 Federal Com                                                                              | 2        | E       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | NW / 4                         |
| Bone Flats 12 Federal Com                                                                              | 3        | L       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | SW / 4                         |
| Bone Flats 12 Federal Com                                                                              | 4        | M       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | SW / 4                         |
| Bone Flats 12 Federal Com                                                                              | 5        | F       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | NW / 4                         |
| Bone Flats 12 Federal Com                                                                              | 6        | N       | 12  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | W / 2                                | N/A                            | SW / 4                         |
| COMANCHE FEDERAL '3'                                                                                   | 1        | G       | 3   | 21S   | 23E |                                                | E / 2   | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NE / 4                         |
| COMANCHE FEDERAL '3'                                                                                   | 2        | A       | 3   | 21S   | 23E |                                                | E / 2   | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NE / 4                         |
| MOC FEDERAL                                                                                            | 1        | B       | 1   | 21S   | 23E |                                                | N / 2   | N/A                              |          | N/A                                    |         | N/A                            | N / 2                                | N/A                            | NE / 4                         |
| MOC FEDERAL                                                                                            | 2        | J       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SE / 4                         |
| MOC FEDERAL                                                                                            | 3        | D       | 1   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | N / 2                                | N/A                            | NW / 4                         |
| MOC FEDERAL                                                                                            | 4        | L       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SW / 4                         |
| MOC FEDERAL                                                                                            | 5        | F       | 1   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | N / 2                                | N/A                            | NW / 4                         |
| MOC FEDERAL                                                                                            | 6        | M       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SW / 4                         |
| MOC FEDERAL                                                                                            | 7        | N       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SW / 4                         |
| MOC FEDERAL (Inactive)                                                                                 | 8        | K       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SW / 4                         |
| MOC FEDERAL (Active)                                                                                   | 8        | K       | 1   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | N/A                            | S / 2                                | N/A                            | SW / 4                         |
| N. INDIAN BASIN UNIT GAS COM                                                                           | 3        |         | 3   | 21S   | 23E |                                                | N/A     |                                  | W / 2    | N/A                                    |         | S / 2                          | N/A                                  | N/A                            | SW / 4                         |
| NORTH INDIAN BASIN UNIT (Inactive)                                                                     | 7        | K       | 11  | 21S   | 23E |                                                | W / 2   |                                  |          |                                        |         |                                |                                      |                                |                                |
| NORTH INDIAN BASIN UNIT                                                                                | 7        | K       | 11  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | W / 2                          | N/A                                  | N/A                            | SW / 4                         |
| NORTH INDIAN BASIN UNIT (shut in)                                                                      | 10       | C       | 11  | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | W / 2                          | N/A                                  | N/A                            | NW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 11       | O       | 2   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | S / 2                          | N/A                                  | N/A                            | SE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 12       | M       | 2   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | S / 2                          | N/A                                  | N/A                            | SW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 13       | H       | 2   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 14       | B       | 2   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NE / 4                         |
| NORTH INDIAN BASIN UNIT (Inactive)                                                                     | 15       | F       | 2   | 21S   | 23E | N / 2                                          |         |                                  |          |                                        |         | N / 2                          |                                      |                                |                                |
| NORTH INDIAN BASIN UNIT                                                                                | 15       | F       | 2   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         |                                | N/A                                  | N/A                            | NW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 16       | I       | 11  | 21S   | 23E | E / 2                                          |         | N/A                              |          | N/A                                    |         | E / 2                          | E / 2                                | N/A                            | SE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 17       | A       | 11  | 21S   | 23E | E / 2                                          |         | N/A                              |          | N/A                                    |         | E / 2                          | E / 2                                | N/A                            | NE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 18       | J       | 2   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | S / 2                          | S / 2                                | N/A                            | SE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 19       | O       | 11  | 21S   | 23E | E / 2                                          |         | N/A                              |          | N/A                                    |         | E / 2                          | E / 2                                | N/A                            | SE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 20       | K       | 2   | 21S   | 23E | S / 2                                          |         | N/A                              |          | N/A                                    |         | S / 2                          | N/A                                  | N/A                            | SW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 22       | M       | 11  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | W / 2                          | N/A                                  | N/A                            | SW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 23       | D       | 2   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 24       | D       | 11  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | W / 2                          | N/A                                  | N/A                            | NW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 25       | G       | 11  | 21S   | 23E | E / 2                                          |         | N/A                              |          | N/A                                    |         | E / 2                          | N/A                                  | N/A                            | NE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 26       | E       | 2   | 21S   | 23E | N / 2                                          |         | N/A                              |          | N/A                                    |         | N / 2                          | N/A                                  | N/A                            | NW / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 27       | L       | 11  | 21S   | 23E | W / 2                                          |         | N/A                              |          | N/A                                    |         | W / 2                          | N/A                                  | N/A                            | SE / 4                         |
| NORTH INDIAN BASIN UNIT                                                                                | 30       | A       | 10  | 21S   | 23E | E / 2                                          |         | N/A                              |          | N/A                                    |         | E / 2                          | N/A                                  | N/A                            | NE / 4                         |
| STINKING DRAW                                                                                          | 1        | Lot 2   | 36  | 20.5S | 23E | All                                            |         | N/A                              |          | N/A                                    |         | N/A                            | All                                  | All                            | E / 2                          |
| STINKING DRAW                                                                                          | 2        | Lot 6/8 | 36  | 20.5S | 23E | All                                            |         | N/A                              |          | N/A                                    |         | N/A                            | All                                  | All                            | W / 2                          |
| STINKING DRAW                                                                                          | 3        | Lot 4   | 36  | 20.5S | 23E | All                                            |         | N/A                              |          | N/A                                    |         | N/A                            | All                                  | All                            | W / 2                          |
| STINKING DRAW                                                                                          | 4        | Lot 7/C | 36  | 20.5S | 23E | All                                            |         | N/A                              |          | N/A                                    |         | N/A                            | All                                  | All                            | E / 2                          |

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| Indian Basin Wells Proration and Spacing Units - All Wells to be Included in MOC Federal Cent. Battery |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------|----------|------|-----|-----|-----|------------------------------------------|---------|-------------------------------|-----|-------------------------------------|---------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|--|--|--|--|--|--|
| Lease Name                                                                                             | Well Num | Unit | Sec | Tsp | Rge | South Dagger Draw Upper Penn Assoc 15475 |         | Indian Basin Upper Penn 79040 |     | Indian Basin Upper Penn Assoc 33685 |         | Indian Basin Morrow 78960   | East Indian Basin Morrow 96561 | Cemetery Morrow 74640       | Indian Basin Wolfcamp Undes |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     | Oil                                      | Gas     | Oil                           | Gas | Oil                                 | Gas     | Gas                         | Gas                            | Gas                         | Gas                         |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     | 320                                      | 320     | 640                           | 640 | 320                                 | 320     | 640                         | 640                            | 320                         | 320                         |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     | 1 to 40                                  | 1 to 40 | 160                           | 160 | 1 to 80                             | 1 to 80 | 2 to 640                    | 2 to 640                       | 1 to 180                    | 1 to 180                    |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     | simultaneous dedication allowed          |         |                               |     |                                     |         | not in same quarter section | not in same quarter section    | not in same quarter section | not in same quarter section |  |  |  |  |  |  |
| Federal C '35'                                                                                         | 1        | F    | 35  | 21S | 23E | N/A                                      |         | NW/4                          |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
| Federal C '35'                                                                                         | 2        | M    | 35  | 21S | 23E | N/A                                      |         | SW/4                          |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Federal C '35'                                                                                         | 3        | J    | 35  | 21S | 23E | N/A                                      |         | N/A                           |     | SE / 4                              |         | E / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| Federal C '35'                                                                                         | 4        | G    | 35  | 21S | 23E | N/A                                      |         | N/A                           |     | NE / 4                              |         | E / 2                       | N/A                            | N/A                         | NE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Federal IBA Gas Com                                                                                    | 1        | K    | 15  | 21S | 23E | N/A                                      |         | W/2                           |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Federal IBA Gas Com                                                                                    | 2        | I    | 15  | 21S | 23E |                                          | E / 2   | N/A                           |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | NE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Federal IBC Gas Com                                                                                    | 1        | J    | 29  | 21S | 23E | N/A                                      |         | All                           |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| Federal IBC Gas Com                                                                                    | 2        | P    | 29  | 21S | 23E | N/A                                      |         | All                           |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Basin 'A'                                                                                       | 1        | J    | 22  | 21S | 23E | N/A                                      |         | SE / 4                        |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| Indian Basin 'A'                                                                                       | 2        | K    | 22  | 21S | 23E | N/A                                      |         | SW / 4                        |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Indian Basin 'A'                                                                                       | 3        | F    | 22  | 21S | 23E | N/A                                      |         | NW / 4                        |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
| Indian Basin 'A'                                                                                       | 4        | G    | 22  | 21S | 23E | N/A                                      |         | NE / 4                        |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | NE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Basin 'C'                                                                                       | 1        | F    | 26  | 21S | 23E | N/A                                      |         | NW / 4                        |     | N/A                                 |         | N / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
| Indian Basin 'C' P&Aed 2/4/04                                                                          | 2        | M    | 26  | 21S | 23E |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Basin 'C'                                                                                       | 3        | N    | 26  | 21S | 23E | N/A                                      |         | SE / 4                        |     | N/A                                 |         | S / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Basin 'D'                                                                                       | 1        | K    | 34  | 21S | 23E | N/A                                      |         | S / 2                         |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Indian Basin 'D'                                                                                       | 2        | F    | 34  | 21S | 23E | N/A                                      |         | N / 2                         |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Basin 'E'                                                                                       | 1        | K    | 27  | 21S | 23E | N/A                                      |         | S / 2                         |     | N/A                                 |         | S / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Indian Basin 'E'                                                                                       | 2        | F    | 27  | 21S | 23E | N/A                                      |         | N / 2                         |     | N/A                                 |         | N / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| North Indian Basin Gas Com                                                                             | 32       | F    | 15  | 21S | 23E | N/A                                      |         | W / 2                         |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 1        | M    | 10  | 21S | 23E | N/A                                      |         | W/2                           |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 4        | J    | 16  | 21S | 23E | N/A                                      |         | E/2                           |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 5        | J    | 9   | 21S | 23E | N/A                                      |         | E/2                           |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 8        | M    | 9   | 21S | 23E | N/A                                      |         | W/2                           |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 9        | K    | 16  | 21S | 23E | N/A                                      |         | SW/4                          |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 21       | F    | 11  | 21S | 23E | E / 2                                    |         | N/A                           |     | N/A                                 |         | All                         | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 31       | J    | 10  | 21S | 23E | E / 2                                    |         | N/A                           |     | N/A                                 |         | E / 2                       | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 34       | P    | 4   | 21S | 23E | N/A                                      |         | SE/4                          |     | N/A                                 |         | All                         | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
| North Indian Basin Unit                                                                                | 36       | F    | 16  | 21S | 23E | N/A                                      |         | NW/4                          |     | N/A                                 |         | W / 2                       | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Smith Federal                                                                                          | 1        | F    | 11  | 22S | 23E | N/A                                      |         | W/2                           |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | NW / 4                      |  |  |  |  |  |  |
| Smith Federal                                                                                          | 2        | L    | 11  | 22S | 23E | N/A                                      |         | W/2                           |     | N/A                                 |         | N/A                         | N/A                            | N/A                         | SW / 4                      |  |  |  |  |  |  |
| Smith Federal                                                                                          | 3        | H    | 11  | 22S | 23E | N/A                                      |         | N/A                           |     | E / 2                               |         | N/A                         | N/A                            | N/A                         | NE / 4                      |  |  |  |  |  |  |
| Smith Federal                                                                                          | 4        | H    | 11  | 22S | 23E | N/A                                      |         | N/A                           |     | E / 2                               |         | N/A                         | N/A                            | N/A                         | SE / 4                      |  |  |  |  |  |  |
|                                                                                                        |          |      |     |     |     |                                          |         |                               |     |                                     |         |                             |                                |                             |                             |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 1        | G    | 36  | 20S | 24E | N / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | N / 2                       | NE / 4                      |  |  |  |  |  |  |
| Indian Hills State Com P&A 4/11/02                                                                     | 2        | P    | 36  | 20S | 24E |                                          |         |                               |     |                                     |         | N/A                         | N/A                            |                             |                             |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 3        | D    | 36  | 20S | 24E | N / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | N / 2                       | NW / 4                      |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 4        | E    | 36  | 20S | 24E | N / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | N / 2                       | NW / 4                      |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 5        | L    | 36  | 20S | 24E | S / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | S / 2                       | SW / 4                      |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 6        | K    | 36  | 20S | 24E | S / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | S / 2                       | SW / 4                      |  |  |  |  |  |  |
| Indian Hills State Com                                                                                 | 8        | M    | 36  | 20S | 24E | S / 2                                    |         | N/A                           |     | N/A                                 |         | N/A                         | N/A                            | S / 2                       | SW / 4                      |  |  |  |  |  |  |

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| State Fed | Lease Number | Unit or COM Number | Property Number | Pool                     | Pool Code | Status   |
|-----------|--------------|--------------------|-----------------|--------------------------|-----------|----------|
| Federal   | NM 05608     | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 81677     | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551 A   | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551 A   | NM 91035           | 015242          | SDD Upper Penn Assoc.    | 15475     | Active   |
|           |              |                    |                 |                          |           |          |
| Federal   | NM 0384623   | NM SW 242          | 017954          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 0384623   | NM SW 242          | 017954          | SDD Upper Penn Assoc.    | 15475     | Active   |
|           |              |                    |                 |                          |           |          |
|           |              |                    |                 |                          |           |          |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   |                    | 014838          | Indian Basin Morrow East | 96561     | Inactive |
| Federal   | NM 04827 B   |                    | 014838          | Indian Basin Morrow East | 96561     | Active   |
|           |              |                    |                 |                          |           |          |
|           |              |                    |                 |                          |           |          |
| Federal   | NM 05608     | NM SW 242          | 006412          | IB Upper Penn            | 79040     | Active   |
|           |              |                    |                 |                          |           |          |
|           |              |                    |                 |                          |           |          |
| Federal   | NM 05551     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Inactive |
| Federal   | NM 05551     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Inactive |
| State     | E 10170      | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 7906       | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Inactive |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 7906       | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 7906       | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 04827 B   | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05551     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
| Federal   | NM 05608     | 891008508-O        | 006411          | SDD Upper Penn Assoc.    | 15475     | Active   |
|           |              |                    |                 |                          |           |          |
|           |              |                    |                 |                          |           |          |
| State     | E 10169      |                    | 013964          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 10169      |                    | 013964          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 10169      |                    | 013964          | SDD Upper Penn Assoc.    | 15475     | Active   |
| State     | E 10169      |                    | 013964          | SDD Upper Penn Assoc.    | 15475     | Active   |

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| State Fed | Lease Number  | Unit or COM Number | State Property Number | Pool                        | Pool Code | Status |
|-----------|---------------|--------------------|-----------------------|-----------------------------|-----------|--------|
| Federal   | NMNM06953     |                    | 16957                 | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NMNM06953     |                    | 16957                 | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NMNM06953     |                    | 16957                 | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NMNM06953     |                    | 16957                 | Indian Basin U. Penn Assoc. | 33685     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 05612 A    | SW 280             | 6390                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 0384628    | SW 280             | 6390                  | SDD Upper Penn Assoc.       | 15475     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 0384625    | SW 342             | 6392                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 0384625    | SW 342             | 26830                 | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 05612 A    |                    | 6404                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 05612 A    |                    | 6404                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 05612 A    |                    | 6404                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 05612 A    |                    | 6404                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NMNM 070522 A |                    | 6405                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NMNM 070522 A |                    | 6405                  | Indian Basin Upper Penn     | 79040     | P&Aed  |
| Federal   | NMNM 070522 A |                    | 6405                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 034446     |                    | 6406                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 034446     |                    | 6406                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 070522 A   |                    | 6407                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 070522 A   |                    | 6407                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 05608      | SW 280             | 6412                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 05608      | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | K 1877        | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 051107     | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 05551      | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
| State     | E 10170       | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 05608      | 891008508-A        | 6411                  | Indian Basin Morrow         | 78960     | Active |
| Federal   | NM 05608      | 891008508-O        | 6411                  | SDD Upper Penn Assoc.       | 15475     | Active |
| Federal   | NM 05607      | 891008508-A        | 6413                  | Indian Basin Morrow         | 78960     | Active |
| State     | E 1877        | 891008508-O        | 6411                  | Indian Basin Upper Penn     | 79040     | Active |
|           |               |                    |                       |                             |           |        |
| Federal   | NM 0251099 A  |                    | 16958                 | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 0251099 A  |                    | 16958                 | Indian Basin Upper Penn     | 79040     | Active |
| Federal   | NM 0251099 A  |                    | 16958                 | Indian Basin U. Penn Assoc. | 33685     | Active |
| Federal   | NM 0251099 A  |                    | 16958                 | Indian Basin U. Penn Assoc. | 33685     | Active |
|           |               |                    |                       |                             |           |        |
| State     | L 5098        |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |
| State     | L 5098        |                    | 6408                  | Cemetery Morrow             | 74640     | P&Aed  |
| State     | E 10083       |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |
| State     | L 5098        |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |
| State     | E 10083       |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |
| State     | L 5098        |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |
| State     | E 10083       |                    | 6408                  | SDD Upper Penn Assoc.       | 15475     | Active |