

APPLICATION FOR SURFACE COMMINGLING
OFF LEASE MEASUREMENT, STORAGE AND ALTERNATIVE MEASUREMENT APPROVAL

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

Marathon Oil Company is requesting approval for Surface Commingling and Off Lease Storage of hydrocarbon production from the following formation and well(s) on State and Federal Lease(s) listed below:

BONE FLATS FEDERAL COM. "12" WELL NO. 5, SECTION 12, T21S, R23E
SOUTH DAGGER DRAW UPPER PENN POOL

Well No.	UL	LEASE NUMBER	BOPD	API Grav 60°F	MCFD	API NO. 30-015	COM #
5	F	NM 05608	144	43.1	714	28847	SW 94494

Marathon would like to commingle this production with the commingled production at the MOC Central Tank Battery located in Unit Letter D of Section 1, T-21-S, R-23-E. The following leases currently produce into this central facility:

Lease Name	BOPD	API Grav.	MCFD
MOC Federal	150	42	11,185
North Indian Basin Unit	914	43	16,434
Bone Flats Federal (1, 2, 3, 4, 6)	200	42.3	2,395
Comanche Federal "3"	9	47	13,951
Stinking Draw	127	42.2	1,777
Indian Hills State Com	121	42.8	2,163

Lease numbers and locations of these leases are as follows:

North Indian Basin Unit (Including Com #NM-SW 242)

Lease Numbers: NM-0487-B, NM-05608, NM-05551, NM-05551-B, NM-SW242, and State
Leases E-7906 and E-10170

Description: Section 2, S/2 Section 3, Section 10 and Section 11, T-21-S, R-23-E

Comanche Federal Lease (Including Com # NM-SW 242)

Lease Numbers: NM-04827-B, NM-34623, and NM-0384623

Description: N/2 of Section 3, T-21-S, R-23-E

Bone Flats Federal "12" Lease

Lease Numbers: NM-05608, NM-81677, and NM-05551-A

Description: Section 2, T-21-S, R-23-E

