

**APPLICATION TO AMEND SURFACE COMMINGLING, AND MEASUREMENT APPROVAL
FOR TWO POOLS.**

**TO: BUREAU OF LAND MANAGEMENT
P.O. BOX 1778
CARLSBAD, NEW MEXICO 88221-1778**

**MERIDIAN OIL INC. IS REQUESTING APPROVAL TO AMEND THE SURFACE
COMMINGLING, AND MEASUREMENT OF HYDROCARBON PRODUCTION FROM THE
WEST TONTO BONE SPRING AND BUFFALO YATES FIELD ON THE BONDURANT
FEDERAL LEASE.**

<u>WELL NO:</u>	<u>SEC.</u>	<u>TWP</u>	<u>RNG</u>	<u>FORMATION</u>	<u>LEASE NO.</u>	<u>STATUS</u>
BONDURANT # 1	1	19S	32E	BONE SPRING	NM12568A	PROD.
BONDURANT # 2	1	19S	32E	BONE SPRING	NM12568A	PROD.
BONDURANT # 3	1	19S	32E	BONE SPRING	NM12568A	TA'D
BONDURANT # 4	1	19S	32E	YATES	NM12568A	PROD.
BONDURANT # 5	1	19S	32E	YATES	NM12568A	PROD.
BONDURANT # 6	1	19S	32E	YATES	NM12568A	P & A
BONDURANT # 7	1	19S	32E	YATES	NM12568A	PROD.
BONDURANT # 8	1	19S	32E	YATES	NM12568A	PROD.
BONDURANT # 9	1	19S	32E	YATES	NM12568A	PROD.
BONDURANT # 10 *	1	19S	32E	YATES	NM12568A	
BONDURANT # 11 *	1	19S	32E	YATES	NM12568A	

* INDICATES PROPOSED NEW WELL

PRODUCTION FROM THE WELLS INVOLVED IS AS FOLLOWS:

<u>WELL NAME AND NO.</u>	<u>UL</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>GRAVITY</u>	<u>FORM</u>
BONDURANT # 1	I	31	28	48	40.3	BS
BONDURANT # 2	H	17	35	60	40.3	BS
BONDURANT # 3	A	—	—	—	—	TA'D
BONDURANT # 4	H	35	06	20	38.2	YATES
BONDURANT # 5	B	80	10	25	38.2	YATES
BONDURANT # 6	I	—	—	—	—	P & A
BONDURANT # 7	G	14	0	—	38.2	YATES
BONDURANT # 8	C	90	02	30	38.2	YATES
BONDURANT # 9	F	90	05	60	38.2	YATES
BONDURANT # 10 *	B	90	05	60	38.2	YATES
BONDURANT # 11 *	A	90	05	60	38.2	YATES

THE PROPOSED OPERATION IS DESCRIBED IN DETAIL ON THE ATTACHED DIAGRAM.