

**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.**