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Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Astesia, NIM \$8210

## OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

| Operator   |  |   |                      |                            |             | Well A  | 1 Na  |                       |               |  |  |
|--|--|---|----------------------|----------------------------|-------------|---|---|-----------------------|---------------|--|--|
| ARCO DIL AND GAS COMPANY, DIV. OF ATLANTIC RICHFIELD CO.                   |  |   |                      |                            |             |   | 3004510508                                    |                       |               |  |  |
| Address  |  | <u></u>                                     |                      |                            |             |   |   |                       |               |  |  |
| 1816 E. MOJAVE, FARMIN   | MGTON.   | NEW ME                                      | XICO 8740            | l                          |             |   |   |                       |               |  |  |
| Resson(s) for Filing (Check proper box)                                    | 10,11,   | 14614 116                                   |                      | Other (Pla                 | save expla  | tin)  |   |                       |               |  |  |
| New Well   |  | Change in                                   | Transporter of:      |                            | •           | •   |   |                       |               |  |  |
| Recompletion   | Oil  | ~~  | Dry Gas              |                            |             |   |   |                       |               |  |  |
| Change in Operator   | Casinghe   | Ä   | Condensate           | Effect i                   | ue 1:       | 0/01/90                                       |   |                       |               |  |  |
| f change of operator give same   |  |   |                      | Liteur                     | <u> </u>    | 0/01//0                                       |   |                       |               |  |  |
| ad address of previous operator  |  | <del> </del>                                |                      |                            |             |   |   | ··                    |               |  |  |
| T DECORPTION OF WELL   | ANDIE  | ACT   |                      |                            |             |   |   |                       |               |  |  |
| Lesse Name   | DESCRIPTION OF WELL AND LEASE Name Well No.   Pool Name, Including |   |                      |                            | e Franction |   |   | Kind of Lease Lease N |               |  |  |
|  |  |   |                      | _                          | 1 .         | State, Federal or Fee 14-20-603               |   |                       |               |  |  |
| HORSESHOE GALLUP UNIT  |  | 110   | HUKSESI              | HOE GALLUP                 |             |   |   | 14-20-0               | 03-3331       |  |  |
| Location   |  |   |                      | 0.1711                     | _           | ^^  |   | LICCT                 |               |  |  |
| Unit Letter M  | <u>:_660</u>   |   | Feet From The 💆      | OUTH Line and              |             | <u>03                                    </u> | t From The                                    | WEST                  | Line          |  |  |
|  | - 441  |   |                      |                            | SAN CAN     |   |   | TUAN Comm             |               |  |  |
| Section 19 Township  | 31N  |   | Range 16W            | , NIMPM.                   | <b></b>     | SAN J   | UAN   |                       | County        |  |  |
|  | ~~~  |   |                      | D. 1. C. 1. C.             |             |   |   |                       |               |  |  |
| III. DESIGNATION OF TRAN   | SPORT  |   |                      | Address (Give add          | to          | high gamestad                                 | annu of this for                              | n ie to he se         | 4)            |  |  |
| Name of Authorized Transporter of Oil                                      | X  | or Conde                                    |                      | ·                          |             | •       |   |                       |               |  |  |
| MERIDIAN OIL COMPANY   | 1  |   |                      |                            |             |   | IGTON N                                       |                       |               |  |  |
| Name of Authorized Transporter of Casing                                   | gnead Gas  | لـــا                                       | or Dry Gas           | Address (Give add          | 7 633 10 W  | нист аррго <b>чеа</b>                         | wyy of uses for                               |                       | -,            |  |  |
|  | Unit Sec.  |   | lm. I -              | Is gas actually connected? |             | l ma  | When?   |                       |               |  |  |
| If well produces oil or liquids,<br>give location of tanks.                |  |   |                      |                            |             | l Mpen  |   |                       |               |  |  |
|  | <u> </u>   | 1 30  | 1 31N 1 16W          | <u>NO</u>                  | l           |   |   |                       |               |  |  |
| If this production is commingled with that                                 | from any of  | her lease or                                | pool, give comming   | ing order sumber:          |             |   |   |                       |               |  |  |
| IV. COMPLETION DATA  |  |   |                      | (                          |             |   | la  |                       | big note      |  |  |
| Designate Type of Completion   | (N)  | Oil Wei                                     | I Gas Well           | New Well Wo                | arkover     | Deepen  | Plug Back S                                   | ame kesv              | Diff Res'v    |  |  |
|  |  | <u>ــــــــــــــــــــــــــــــــــــ</u> |                      | Total Dareh                |             |   | 777   |                       | <u> </u>      |  |  |
| Date Spudded   | Date Con   | ipi. Ready t                                | o Prod.,             | Total Depth                |             |   | P.B.T.D.                                      |                       | 1             |  |  |
|  |  |   |                      | Top Oil/Gas Pay            |             |   |   |                       |               |  |  |
| levations (DF, RKB, RT, GR, etc.) Name of Producing Formation              |  |   |                      | 10p Ou/Ous Fay             |             |   | Tubing Depth                                  |                       |               |  |  |
|  | <u> </u>   |   | <del></del>          | <u> </u>                   |             |   | Depth Casing                                  | Shore                 |               |  |  |
| Perforations   |  |   |                      |                            |             |   | Debu Camil                                    | 300                   |               |  |  |
|  |  |   |                      | <del></del>                |             |   | <u>i                                     </u> |                       |               |  |  |
|  |  |   | , CASING AND         |                            |             |   | NEG   | 100 0514              |               |  |  |
| HOLE SIZE  | C  | CASING & TUBING SIZE                        |                      |                            | 77 S        | <b>66</b>                                     | V IS IP                                       | CKS CEMI              | =N1           |  |  |
|  | <u> </u>   |   |                      | <u> </u>                   |             |   |   | <b>y</b>              | · <del></del> |  |  |
|  | <u> </u>   |   |                      | <u> </u>                   | 111         | EP2 61  | <del>don -</del>                              |                       |               |  |  |
|  |  |   |                      | <u> </u>                   |             | EPZOI   | 330   |                       |               |  |  |
|  |  |   |                      | <u>.L</u>                  | - 23/1      | CAN   | DIV   |                       |               |  |  |
| V. TEST DATA AND REQUE   | ST FOR   | ALLOW                                       | ABLE                 |                            | Off         | COIN  |   | - 6 # 34 b            | 1             |  |  |
| OIL WELL (Test must be after t   | recovery of  | total volum                                 | e of load oil and me | t be equal to or exce      | ed top all  | 0000  | giple or be ju                                | 7 Juli 24 Novi        | ra.)          |  |  |
| Date First New Oil Run To Tank   | Date of T  | est   |                      | Producing Method           | l /Flow, p  | nerop, gas ligt, d                            | SC.)  |                       |               |  |  |
|  |  |   |                      | ·<br>- <del>i</del>        |             |   | Choke Size                                    |                       |               |  |  |
| Length of Test   | Tubing P   | TESSUITE                                    |                      | Casing Pressure            |             |   | Choke Size                                    |                       |               |  |  |
|  |  |   |                      |                            |             |   | C MCE   |                       |               |  |  |
| Actual Prod. During Test   | Oil - Bhi  | <b>S.</b>                                   |                      | Water - Bbis.              |             |   | Gas- MCF                                      |                       |               |  |  |
|  |  |   |                      | :                          |             |   |   |                       |               |  |  |
| GAS WELL   | <u> </u>   |   |                      |                            |             |   |   |                       |               |  |  |
| Actual Prod. Test - MCF/D  | Length o   | f Test                                      |                      | Bbis. Condensate           | MMCF        |   | Gravity of C                                  | ondensate             |               |  |  |
| i  |  |   |                      |                            |             |   |   |                       | •             |  |  |
| Testing Method (pilot, back pr.)   | Tubing I   | Teamer (Si                                  | ul-at)               | Cating Pressure (          | Shut-in)    |   | Chair San                                     |                       |               |  |  |
|  |  | , –   | -                    |                            |             |   | 1   |                       |               |  |  |
|  |  | <del></del>                                 |                      | -\r                        |             |   | _ <del></del>                                 |                       |               |  |  |
| VL OPERATOR CERTIFIC   |  |   |                      | O                          | CO          | <b>NSERV</b>                                  | ATION   | DIVISK                | NC NC         |  |  |
| I harrby cuttify that the raise and rage                                   |  |   | SEP 27 1990          |                            |             |   |   |                       |               |  |  |
| Division have been compiled with and is yes and complete to the best of my |  |   |                      |                            |             |   | SED S 1                                       | 990                   |               |  |  |
|  |  |   |                      | Date A                     | pprov       | BQ  |   |                       | - 2 -         |  |  |
|  | _  |   |                      | 11                         |             | 7.  | $\searrow$                                    | /                     |               |  |  |
| _ Care   | ستسرح  |   |                      | By                         |             | Buch  | 1. Ch   |                       |               |  |  |
| Signature DALIE CORTINE  | •  | PROD  | SUPERVISO            | 11 -                       |             | SUPER   | VISOR DIS                                     | TRICT                 | <b>4</b> 3    |  |  |
| DAVE CORZINE Pristed Name  |  | KUU.  | Title                | `   Title_                 |             |   | -0011010                                      |                       |               |  |  |
|  |  | 1505  | 1 225 7527           | 'iue_                      |             |   |   |                       |               |  |  |
| SEPTEMBER 24, 1990   |  | 1303  | slephone No.         |                            |             |   |   |                       |               |  |  |

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.