| DISTRIBUTION                                                                                                                                 |                                                   | ONSERVATION COMMISSION                                                                                                                    | Form C-104                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| SANTA FE<br>FILE                                                                                                                             | REQUEST                                           | FOR ALLOWABLE<br>AND                                                                                                                      | Supersedes Old C-104 and C-110<br>Effective 1-1-65                          |
| U.S.G.S.                                                                                                                                     | AUTHORIZATION TO TRA                              | NSPORT OIL AND NATURAL G                                                                                                                  | AS                                                                          |
| TRANSPORTER OIL                                                                                                                              | -                                                 | O                                                                                                                                         | •                                                                           |
| GAS GAS                                                                                                                                      | -                                                 | -                                                                                                                                         |                                                                             |
| PRORATION OFFICE                                                                                                                             |                                                   |                                                                                                                                           |                                                                             |
| Operator                                                                                                                                     |                                                   |                                                                                                                                           |                                                                             |
| Gulf Oil Corporation                                                                                                                         | ······································            |                                                                                                                                           |                                                                             |
| Box 670, Hobbs, New Mez<br>Reason(s) for filing (Check proper box                                                                            |                                                   | Other (Please explain)                                                                                                                    |                                                                             |
| New Well                                                                                                                                     | )<br>Change in Transporter of:                    |                                                                                                                                           |                                                                             |
| Recompletion                                                                                                                                 | Oll Dry Ga                                        | Drinkard                                                                                                                                  | and completed in                                                            |
| Change in Ownership                                                                                                                          | Casinghead Gas Conden                             | isate                                                                                                                                     |                                                                             |
| If change of ownership give name<br>and address of previous owner                                                                            |                                                   |                                                                                                                                           |                                                                             |
| •                                                                                                                                            |                                                   |                                                                                                                                           | •                                                                           |
| DESCRIPTION OF WELL AND<br>Lease Name                                                                                                        | Well No. Pool Name, Including Fe                  | ormation Kind of Lease                                                                                                                    | Lease No.                                                                   |
| H. T. Mattern (NCT-B)                                                                                                                        | 18 Drinkard                                       | State, Federal                                                                                                                            | or Fee Fee                                                                  |
| Location Unit Letter 0 ; 510                                                                                                                 | Feet From The South Lin                           | e and 2310 Feet From T                                                                                                                    | he East                                                                     |
| Unit Letter_0; 510_                                                                                                                          | Feel From Ine_ <u>DUULII</u> LIN                  | e and <u>2310</u> Feet From Th                                                                                                            |                                                                             |
| Line of Section 30 To                                                                                                                        | wnship 21-S Range                                 | 37-Е , ММРМ,                                                                                                                              | Lea County                                                                  |
| DESIGNATION OF TRANSPOR'                                                                                                                     | TER OF OIL AND NATURAL GA                         | S<br>Address (Give address to which approve                                                                                               | ed convolthis form is to be sent.                                           |
| Texas-New Mexico Pipeli<br>Name of Authorized Transporter of Cal                                                                             | Ine Company                                       | Box 1510, Midland, Texa<br>Address (Give address to which approve                                                                         | as 79701                                                                    |
| Warren Petroleum Corpor                                                                                                                      |                                                   | Box 1589, Tulsa, Oklaho                                                                                                                   |                                                                             |
| If well produces oil or liquids,                                                                                                             | Unit Sec. Twp. P.ge.                              | Is gas actually connected? When                                                                                                           | n                                                                           |
| give location of tanks.                                                                                                                      | <u>P 30 21-S 37-E</u>                             | Yes                                                                                                                                       | April 27, 1976.                                                             |
| If this production is commingled wi<br>COMPLETION DATA                                                                                       | th that from any other lease or pool,             | ·                                                                                                                                         | 4<br>                                                                       |
| Designate Type of Completio                                                                                                                  | on - (X) Oil Well Gas Well                        | New Well Workover Deepen                                                                                                                  | Plug Back Same Res'v. Diif, Res'v.                                          |
| Date State Recompleted                                                                                                                       | Date Compl. Ready to Prod.                        | Total Depth XX                                                                                                                            | P.B.T.D.                                                                    |
| 4-10-76                                                                                                                                      | 4-10-76                                           | 6805'                                                                                                                                     | 6762'                                                                       |
| Elevations (DF, RKB, RT, GR, etc.)<br>3497 <sup>1</sup> GL                                                                                   | Name of Producing Formation<br>Drinkard           | Top Oil/1998 Pay<br>6487'                                                                                                                 | Tubing Depth<br>6428'                                                       |
| Perforations                                                                                                                                 | 1                                                 | <u>,</u>                                                                                                                                  | Depth Casing Shoe                                                           |
| 6487' to 6722'                                                                                                                               | THRING CASING AND                                 | CEMENTING RECORD                                                                                                                          | <u>6805'</u>                                                                |
| HOLE SIZE                                                                                                                                    | CASING & TUBING SIZE                              | DEPTH SET                                                                                                                                 | SACKS CEMENT                                                                |
| 11"                                                                                                                                          | 8-5/8"                                            | 1207'                                                                                                                                     | 400 sacks (Circulated)                                                      |
| <u>7-7/8"</u><br>4-3/4"                                                                                                                      | 5-1/2"<br>4" liner                                | 5761'<br>6805' (Top at 5696')                                                                                                             | 645 sacks (TOC at 2266<br>75 sacks (TOC at 5696                             |
| 4-9/4                                                                                                                                        | 2-3/8"                                            | 6428'                                                                                                                                     |                                                                             |
| TEST DATA AND REQUEST F                                                                                                                      | OR ALLOWABLE (Test must be a)<br>able for this de | fter recovery of total volume of load oil a<br>pth or be for full 24 hours)                                                               | nd must be equal to or exceed top allow-                                    |
| OIL WELL<br>Date First New Oil Run To Tanks                                                                                                  | Date of Test                                      | Producing Method (Flow, pump, gas lift                                                                                                    | , etc.)                                                                     |
| 4-10-76                                                                                                                                      | 5-6-76<br>Tubing Pressure                         | Pump<br>Casing Pressure                                                                                                                   | Choke Size                                                                  |
| Length of Test<br>24 hours                                                                                                                   |                                                   | casing rices are                                                                                                                          | 2"                                                                          |
| Actual Prod. During Test                                                                                                                     | Oil-Bbis.                                         | Water-Bbls.                                                                                                                               | Gas - MCF                                                                   |
| 105 barrels                                                                                                                                  | 50                                                | 55                                                                                                                                        |                                                                             |
| GAS WELL                                                                                                                                     |                                                   | Corrected Grav                                                                                                                            | ity 38.6                                                                    |
| Actual Prod. Test-MCF/D                                                                                                                      | Longth of Test                                    | Bbls. Condensate/MMCF                                                                                                                     | Gravity of Condensate                                                       |
| Testing Method (pitot, back pr.)                                                                                                             | Tubing Prosouro (Shut-in)                         | Casing Pressure (Shut-in)                                                                                                                 | Choke Size                                                                  |
| CERTIFICATE OF COMPLIAN                                                                                                                      | L<br>CE                                           | OIL CONSERVA                                                                                                                              | TICA FOMMISSION                                                             |
|                                                                                                                                              |                                                   |                                                                                                                                           |                                                                             |
| I hereby certify that the rules and regulations of the Oil Conservation<br>Commission have been complied with and that the information given |                                                   | APPROVED 19                                                                                                                               |                                                                             |
| above is true and complete to the                                                                                                            | beat of my knowledge and belief.                  | BYSUPERVISE                                                                                                                               | TR DISTRICT I                                                               |
| ۵.                                                                                                                                           |                                                   | TITLE DUPLAW INC.                                                                                                                         |                                                                             |
| OT Roulin                                                                                                                                    |                                                   | This form is to be filed in compliance with RULE 1104.                                                                                    |                                                                             |
| $\sum_{i,j} \overline{A_i, N_j} \underbrace{M_i}_{(Signature)}$                                                                              |                                                   | If this is a request for allowable for a newly drilled or despend<br>well, this form must be accompanied by a tabulation of the deviation |                                                                             |
| Area Engineer                                                                                                                                |                                                   | tests teken on the well in accordance with NULE 111.<br>All sections of this form must be filled out completely for allow-                |                                                                             |
| (Title)                                                                                                                                      |                                                   | able on now and recomplated wells.<br>Fill out only Sections I. H. HI. and VI for changes of ewnor,                                       |                                                                             |
| <u>Mav 6, 1976</u><br>(0-                                                                                                                    |                                                   | Fill out only Sections I, II.<br>well name or number, or transports                                                                       | III, and VI for clanges of emper-<br>an or other such that a life addition. |
| (                                                                                                                                            |                                                   | 4                                                                                                                                         |                                                                             |