

|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|-------------|--|-------------|--|-----------------------------|--|----------|--|--------------------------------|--|----------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------|--|--|--|-----------------------|--|--|--|--------------|--|--|--|----------------------------|--|--|--|-----------|--|--|--|-------------|--|--|--|--------------|--|--|--|
| FILE                                                                                                                                                                                                         |  | U.S.G.S. |  | LAND OFFICE |  | TRANSPORTER |  | OIL<br>GAS                  |  | OPERATOR |  | PRODUCTION OFFICE              |  | Operator |  | Terra Resources, Inc.                                                                                                                                                                        |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Address                                                                                                                                                                                                      |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | 200 Wall Towers West, Midland, Texas 79701                                                                                                                                                   |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Reason(s) for filing (Check proper box)                                                                                                                                                                      |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Other (Please explain)                                                                                                                                                                       |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| New Well <input checked="" type="checkbox"/>                                                                                                                                                                 |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Change In Transporter of:                                                                                                                                                                    |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Recompletion <input type="checkbox"/>                                                                                                                                                                        |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>                                                                                                                                |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Change In Ownership <input type="checkbox"/>                                                                                                                                                                 |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>                                                                                                                  |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| If change of ownership give name and address of previous owner                                                                                                                                               |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| DESCRIPTION OF WELL AND LEASE                                                                                                                                                                                |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Lease Name                                                                                                                                                                                                   |  |          |  |             |  |             |  | Well No.                    |  |          |  | Pool Name, including Formation |  |          |  |                                                                                                                                                                                              |  |  |  | Kind of Lease             |  |  |  |                       |  |  |  | NMO Case No. |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Carlson B-13                                                                                                                                                                                                 |  |          |  |             |  |             |  | 8                           |  |          |  | Justis Drinkard Tubbs          |  |          |  |                                                                                                                                                                                              |  |  |  | State, Federal or Fee Fed |  |  |  |                       |  |  |  | \$1998       |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Location                                                                                                                                                                                                     |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Unit Letter A ; 990' Feet From The North Line and 990' Feet From The East                                                                                                                                    |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Line of Section 13 Township 25S Range 37E, NMPM, Lea County                                                                                                                                                  |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS                                                                                                                                                            |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>                                                                                             |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Address (Give address to which approved copy of this form is to be sent)                                                                                                                     |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Texas-New Mexico Pipe Line Co.                                                                                                                                                                               |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Box 2528, Hobbs, New Mex. 88240                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>                                                                                                |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Address (Give address to which approved copy of this form is to be sent)                                                                                                                     |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| El Paso Natural Gas Co.                                                                                                                                                                                      |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Box 1492, El Paso Texas 79999                                                                                                                                                                |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| If well produces oil or liquids, give location of tanks.                                                                                                                                                     |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Unit                                                                                                                                                                                         |  |  |  | Sec.                      |  |  |  | Twp.                  |  |  |  | Rge.         |  |  |  | Is gas actually connected? |  |  |  | When      |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | 13                                                                                                                                                                                           |  |  |  | 25S                       |  |  |  | 37E                   |  |  |  | Yes          |  |  |  | Unknown                    |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| If this production is commingled with that from any other lease or pool, give commingling order number:                                                                                                      |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| COMPLETION DATA                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Designate Type of Completion - (X)                                                                                                                                                                           |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Oil Well                                                                                                                                                                                     |  |  |  | Gas Well                  |  |  |  | New Well              |  |  |  | Workover     |  |  |  | Deepen                     |  |  |  | Plug Back |  |  |  | Same Res'v. |  |  |  | Diff. Res'v. |  |  |  |
| X                                                                                                                                                                                                            |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | X                                                                                                                                                                                            |  |  |  | X                         |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Date Spudded                                                                                                                                                                                                 |  |          |  |             |  |             |  | Date Compl. Ready to Prod.  |  |          |  |                                |  |          |  | Total Depth                                                                                                                                                                                  |  |  |  |                           |  |  |  | P.B.T.D.              |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 6-12-78                                                                                                                                                                                                      |  |          |  |             |  |             |  | 8-9-78                      |  |          |  |                                |  |          |  | 6200'                                                                                                                                                                                        |  |  |  |                           |  |  |  | 6152'                 |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Elevations (DF, RKB, RT, GR, etc.)                                                                                                                                                                           |  |          |  |             |  |             |  | Name of Producing Formation |  |          |  |                                |  |          |  | Top Oil/Gas Pay                                                                                                                                                                              |  |  |  |                           |  |  |  | Tubing Depth          |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 3095' GL                                                                                                                                                                                                     |  |          |  |             |  |             |  | Tubbs                       |  |          |  |                                |  |          |  | 5804'                                                                                                                                                                                        |  |  |  |                           |  |  |  | 5750'                 |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Perforations Tubbs 5804-5963                                                                                                                                                                                 |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Depth Casing Shoe                                                                                                                                                                            |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | 6198'                                                                                                                                                                                        |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| TUBING, CASING, AND CEMENTING RECORD                                                                                                                                                                         |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| HOLE SIZE                                                                                                                                                                                                    |  |          |  |             |  |             |  | CASING & TUBING SIZE        |  |          |  |                                |  |          |  | DEPTH SET                                                                                                                                                                                    |  |  |  |                           |  |  |  | SACKS CEMENT          |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 12 1/2"                                                                                                                                                                                                      |  |          |  |             |  |             |  | 85/8"                       |  |          |  |                                |  |          |  | 1149'                                                                                                                                                                                        |  |  |  |                           |  |  |  | 600 Sx Class C        |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 77/8                                                                                                                                                                                                         |  |          |  |             |  |             |  | 5 1/2"                      |  |          |  |                                |  |          |  | 6198'                                                                                                                                                                                        |  |  |  |                           |  |  |  | 1400 Sx Lite 300      |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  | 23/8                        |  |          |  |                                |  |          |  | 5750'                                                                                                                                                                                        |  |  |  |                           |  |  |  | Sx Class C 50/50      |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  | Pozmix                |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)                   |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Date First New Oil Run To Tanks                                                                                                                                                                              |  |          |  |             |  |             |  | Date of Test                |  |          |  |                                |  |          |  | Producing Method (Flow, pump, gas lift, etc.)                                                                                                                                                |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 10-12-78                                                                                                                                                                                                     |  |          |  |             |  |             |  | 10-20-78                    |  |          |  |                                |  |          |  | Pump                                                                                                                                                                                         |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Length of Test                                                                                                                                                                                               |  |          |  |             |  |             |  | Tubing Pressure             |  |          |  |                                |  |          |  | Casing Pressure                                                                                                                                                                              |  |  |  |                           |  |  |  | Choke Size            |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 24 hrs                                                                                                                                                                                                       |  |          |  |             |  |             |  | Trap-30                     |  |          |  |                                |  |          |  | 0-pkr                                                                                                                                                                                        |  |  |  |                           |  |  |  | P                     |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Actual Prod. During Test                                                                                                                                                                                     |  |          |  |             |  |             |  | Oil-Bbls.                   |  |          |  |                                |  |          |  | Water-Bbls.                                                                                                                                                                                  |  |  |  |                           |  |  |  | Gas-MCF               |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 27 Bbls.                                                                                                                                                                                                     |  |          |  |             |  |             |  | 19                          |  |          |  |                                |  |          |  | 8                                                                                                                                                                                            |  |  |  |                           |  |  |  | 11.78                 |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| GAS WELL                                                                                                                                                                                                     |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Actual Prod. Test-MCF/D                                                                                                                                                                                      |  |          |  |             |  |             |  | Length of Test              |  |          |  |                                |  |          |  | Bbls. Condensate/MMCF                                                                                                                                                                        |  |  |  |                           |  |  |  | Gravity of Condensate |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Casing Method (spot, back pr.)                                                                                                                                                                               |  |          |  |             |  |             |  | Tubing Pressure (shut-in)   |  |          |  |                                |  |          |  | Casing Pressure (shut-in)                                                                                                                                                                    |  |  |  |                           |  |  |  | Choke Size            |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| CERTIFICATE OF COMPLIANCE                                                                                                                                                                                    |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | OIL CONSERVATION COMMISSION                                                                                                                                                                  |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | APPROVED OCT 24 1978                                                                                                                                                                         |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | BY                                                                                                                                                                                           |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | TITLE                                                                                                                                                                                        |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | This form is to be filed in compliance with RULE 1104.                                                                                                                                       |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111. |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | All sections of this form must be filled out completely for allowable on new and re-completed wells.                                                                                         |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
|                                                                                                                                                                                                              |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  | Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.                                                      |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| (Signature)                                                                                                                                                                                                  |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| Basin Oil Consultants, Inc.                                                                                                                                                                                  |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| (Date)                                                                                                                                                                                                       |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| 10-23-78                                                                                                                                                                                                     |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |
| (Data)                                                                                                                                                                                                       |  |          |  |             |  |             |  |                             |  |          |  |                                |  |          |  |                                                                                                                                                                                              |  |  |  |                           |  |  |  |                       |  |  |  |              |  |  |  |                            |  |  |  |           |  |  |  |             |  |  |  |              |  |  |  |

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