| NUMBER OF COPIE    | S RECEIVED                                     | MEXICO OI  | nta Fe. N  | ew Mexico                   |                            |  | on Fig. 1                  | <u> </u> | 400    |     |              |      |             |            |               |
|--------------------|--|--|--|-----------------------------|----------------------------|--|----------------------------|----------|--------|-----|--------------|------|-------------|------------|---------------|
|                    | TRIBUTION                                      |  | , -,   |                             | <b>1</b> -                 | Houston  |                            | 1        |        |     | ı            | _    |             |            |               |
| SANTA FF           |  |  |  |                             | 1 -                        | Midland  |                            | ļ        |        |     |              |      |             | <b>  </b>  |               |
| FILE               |  | <del>   </del>   |  |                             |                            |  |                            | 1        |        | ۱ ا | 1            |      |             |            |               |
| U.S.G.S.           |  |  |  |                             | 1 -                        | File   |                            |          |        |     |              |      |             |            |               |
| TRANSPORTER        | OIL<br>GAS                                     | W  | ELL R  | <b>ECORD</b>                |                            |  |                            |          |        |     |              |      |             |            |               |
| PRORATION OFFI     | E E  |  |  |                             |                            |  |                            |          |        |     |              |      |             |            |               |
| OPERATOR           |  |  |  |                             |                            |  |                            |          |        | ł   | 1            |      |             |            |               |
| later th           | an twenty da<br>Commission, S                  | ice, Oil Conser<br>ys after complet<br>submit in QUIN                  | ion of well<br>TTUPLICA                            | Follow instruc              | tions in Ruk<br>ate Land s | es and Regulation in the second secon | lations<br>pies            |          | LOC    |     | EA 64<br>WEL |      | RES<br>RREC | TLY        |               |
| later th           | an twenty da<br>Commission. S<br><b>Tidews</b> | ys after complet   | ion of well<br>TUPLICA<br>EPARY                    | Follow instruc              | tions in Ruk<br>ate Land s | es and Regulation in the second secon | lations<br>pies            | 'AR"     |        |     |              |      |             | FILY       |               |
| later the          | an twenty da<br>Commission. S<br>Tideus        | ys after complet<br>Submit in QUIN<br>Ster Oil Co                      | ion of well.<br>TUPLICA<br>MPRRY<br>ator)          | Follow instruc              | tions in Ruk<br>ate Land s | es and Regu<br>abmit 6 Cop   | lations<br>pies<br>State   | (Leas    | <br>D) | ATE | WEL          | L CO | RREC        |            | (PM.          |
| later the          | an twenty da Commission. S Tidens 1            | ys after completed bubmit in QUIN ter Oil Concerns or Operation, in    | ion of well<br>TTUPLICA<br>EDARY<br>stor)          | Follow instruc<br>TE If St. | tions in Rule ate Land s   | es and Regulater 6 Cop   | lations<br>pies<br>State ' | (Leas    | , R    | ATE | 36 <u>1</u>  | L CO | RREC        | , NM       |               |
| later the of the ( | an twenty da Commission. S Tidens 1            | ys after complete<br>submit in QUIN<br>ter 011 Co<br>(Company or Opera | ion of well<br>NTUPLICA<br>EPRRY<br>Ltor)<br>/4 of | NE                          | ec21                       | es and Regu  | lations<br>pies<br>State ' | (Lease   | , R    | ATE | 36 <u>1</u>  | L CO | RREC        | , NM<br>Co | unty.         |
| Well is            | an twenty da Commission. S Tidens  1 As 1980   | ys after complete submit in QUIN ter Oil Company or Operation, in NW   | ion of well<br>TTUPLICA<br>Expany<br>iter)<br>     | NE 5/4, of S                | ec                         | es and Regulabrit 6 Cop  | lations<br>pies<br>State ' | (Lease   | om     | ATE | 361          | i co | RREC        | , NN<br>Co | unty.<br>line |

| OIL | 84 | INDS | OR | ZO | NE | ŝ |
|-----|----|------|----|----|----|---|
|-----|----|------|----|----|----|---|

| No. 1, from           | No. 4, fromto |
|-----------------------|---------------|
| No. 2, from <b>to</b> | No. 5, fromto |
| No. 3, fromto         | No. 6, fromto |
|                       |               |

# IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

Name of Drilling Contractor. Technical Drilling Services, Inc.

: Address P. O. Box 1518, Midland, Tex.

Elevation above sea level at Top of Tubing Head...
NOT CONFIDENTIAL

| No. 1, from | <b>to</b> | feet. |  |
|-------------|-----------|-------|--|
| No. 2, from |           |       |  |
| •           |           |       |  |
| No. 3, from | to        | Icet. |  |
| No. 4, from | toto      | feet. |  |

### CASING RECORD

| PER FOOT | USED | AMOUNT | KIND OF -<br>SHOE | CUT AND<br>PULLED FROM     | PERFORATIONS              | PURPOSE                      |
|----------|------|--------|-------------------|----------------------------|---------------------------|------------------------------|
| 20 & 23  | New  | 1846   | Tex. Pat.         | `                          |                           | Surface                      |
| 6,5      | Hew  | 4699   | Float             |                            | 4595-4609                 | Prod. String                 |
| 1        |      |        | 0 & 23 New 1846   | 10 & 23 New 1846 Tex. Pat. | 0 & 23 New 1846 Tex. Pat. | 6.5 New 4699 Float 4595-4609 |

# MUDDING AND CEMENTING RECORD

| SIZE OF<br>HOLE | SIZE OF<br>CASING | WHERE<br>SET | NO. SACES<br>OF CEMENT | METHOD<br>USED | MUD<br>GRAVITY | AMOUNT OF<br>MUD USED |
|-----------------|-------------------|--------------|------------------------|----------------|----------------|-----------------------|
| 9-7/8           | 7                 | 1846         | 750                    | Pump           |                |                       |
| 6-1/4           | 2-4/8             | 4699         | 325                    | **             |                |                       |
|                 |                   |              |                        |                |                |                       |

### RECORD OF PRODUCTION AND STIMULATION

| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.) |          |  |  |  |  |
|---|----------|--|--|--|--|
| Acidized w/ 1000 gal. reg. NE acid, treated w/ 15,000 gal. ref. oil & 13,00     | Of sand. |  |  |  |  |
|   | ******** |  |  |  |  |
|   |          |  |  |  |  |
|   |          |  |  |  |  |
| Result of Production Stimulation 295 MCF Gas/Day                                |          |  |  |  |  |
|   |          |  |  |  |  |
|   |          |  |  |  |  |
| Depth Cleaned Out   |          |  |  |  |  |

### RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

#### TOOLS USED

| T. Yates   |           |         |            |   |           |             |   |          |              | feet to       |             |
|--|-----------|---------|------------|---|-----------|-------------|---|----------|--------------|---------------|-------------|
| Dil Well: The production during the first 24 hours was   harrels of liquid of which   % was was oil;   |           |         |            |   |           |             |   |          |              |               | Icci.       |
| OIL WELL: The production during the first 24 hours was   | D D       | , .     |            |   |           |             |   |          |              |               |             |
| Was oil;   | rut to Pr | _       |            |   |           | •           |   |          |              |               |             |
| Gravity  | OIL WE    | LL: Th  | e product  | ion during the first                    | 24 hc     | ours was    | ••••••••••••••••••••••••••••••••••••••• | ba       | rrels of lic | uid of which  | % was       |
| Case      |           | was     | s oil;     | %                                       | was (     | emulsion;   | ••••••                                  | % wate   | r; and       | % was sedime  | ent. A.P.I. |
| Length of Time Shut in   Pressure  |           | Gra     | avity      | *************************************** |           |             |   |          |              |               |             |
| Length of Time Shut in   Pressure  | GAS WEI   | LL: Th  | e producti | ion during the first                    | 24 ho     | ours was    | 295                                     | M.C.F. r | aling.       |               | harmle of   |
| PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE);   Southwastern New Mexico  | ,         |         |            |   |           |             |   |          |              |               |             |
| Southeastern New Mexico  |           |         |            |   |           |             |   |          |              |               |             |
| South-castorn New Mexico   |           |         |            |   |           |             |   |          |              |               |             |
| T. Anhy  | PLE       | ASE IND | ICATE 1    |   |           |             | nforman                                 | CE WIT   | H GEOGI      |               |             |
| T. Salt T. Silurian T. Kirtland-Fruitland T. Montoya T. Farmington.  T. Yates. 3106 T. Simpion T. Pictured Cliffs.  T. Yates. T. Mekec. T. Menete.  T. Queen 4127 T. Ellenburger T. Point Lookout.  Grayburg. 4523 T. Gr. Wath. T. Mancos.  T. San Andres. T. Graviter T. Dakota.  T. Grischian T. T. T. Morrison.  T. Orinkard. T. T. T. T. T. Morrison.  T. Tubbs. T.  | ~ . ·     |         |            |   |           |             |   | .,       |              |               |             |
| B. Salt  | -         |         |            |   |           |             |   |          |              | =             |             |
| T. Yates. T. Simplon. T. Pictured Cliffs.  T. Rivers. T. McKec. T. Menclee.  T. Queen. 4157 T. Ellenburger. T. Point Lookout.  T. Grayburg. 4523 T. Gr. Wath. T. Monrison.  T. Grayburg. T. Granite. T. Dakota.  T. Glorieta. T. T. T. T. Morrison.  T. Drinkard. T. T. T. T. T. Penn.  T. T   |           |         |            |   |           |             |   |          |              |               |             |
| T.   Rivers.   T.   McKee   T.   Mencice   T.   Out   Color  |           |         |            |   |           |             |   |          |              |               |             |
| T. Grayburg  | T. 7 Riv  | ers     | ••••••     |   | Т.        | McKee       | <u></u>                                 |          | Т            |               |             |
| T. San Andres. T. Granite. T. Dakota. T. Glorieta. T. T. Morrison. T. Drinkard. T. T. T. T. Morrison. T. Tubbs. T.   |           |         |            |   | T.        | Ellenburger | ••                                      |          | т.           | Point Lookout |             |
| T.   Glorieta  | •         | -       |            |   |           |             |   |          |              |               |             |
| T.   Drinkard   T.   T.   T.   T.   T.   T.   T.   T   |           |         |            |   |           |             |   |          |              |               |             |
| T. Tubbs   |           |         |            |   |           |             |   |          |              |               |             |
| T. Penn. T.  | T. Tubb   | s       |            |   |           |             |   |          |              |               |             |
| To   Thickness in Feet   Formation   From   To   Thickness in Feet   Formation   |           |         |            |   |           |             |   |          | т.           |               |             |
| From To Thickness   Formation   From To Thickness in Feet    0 126 126 Surface sand & rock   126 457 331 Sand & red bed   157 619 162 Red bed & shale   158 1535 1635 100 Ashy.   1635 1729 94 Shale & sand   1739 1844 2834 990 Salt   2834 3240 406 Salt & ashy.   2834 3240 3352 112 Ashy. & dolo.   3352 3490 4310 820 Bolo. & ashy.   4551 4400 440 10 Sand   4610 4700 90 Dolo. & ashd   4610 4700 9 |           |         |            |   |           |             |   |          |              |               |             |
| From To Thickness in Feet Surface sand & rock  | T. Miss   |         | ••••••     | ••••••••••••••••••••••••••••••••••••••• | T.        |             |   |          | т.           |               | ••••        |
| 10   | _         |         | Thickness  | ]                                       |           |             |   | <u> </u> | Thickness    |               |             |
| 126 457 619 162 Red bed & shale 619 1189 570 Red bed & shale 1189 1535 346 Red bed & shale 1535 1635 100 Asky. 1635 1729 94 Shale & sand 1729 1844 2834 990 Salt 2834 3240 406 Salt & anky. 3240 3352 312 Anky. & dele. 3352 3490 4310 820 Bele. & anky. 4551 4600 4510 4551 241 Delemite 4551 4600 4610 4700 90 bele. & anky.  1528 1538 1539 1538 1538 1538 1538 1538 1538 1538 1538   |           |         | in Feet    | Fo                                      |           |             | From                                    | То       |              | Formation     |             |
| 457 619 162 Red bed & shale 570 Red bed & anhy, streaks 1189 1535 346 Red bed & shale 1535 1635 1000 Anhy, 1633 1729 94 Shale & sand 1729 1844 115 Red bed, shale & anhy, 1844 2334 990 Sait 2834 3240 406 Sait & anhy, 3340 3352 112 Anhy, & delo, 3352 3490 138 Sand & delo, 3490 4310 820 Belo, & anhy, 4310 4551 241 Delemite 4551 4600 49 Delo, & anhy, 4600 4410 10 Sand 4610 4700 90 Delo, & sand   |           |         |            |   |           | rock        |   |          |              |               |             |
| 1189 1535 346 Red bed & shale 1535 1635 100 Anhy. 1635 1729 94 Shale & sand 1729 1844 115 Red bed, shale & anhy. 1844 2834 990 Salt 2834 3240 406 Salt & anhy. 3240 3352 3490 138 Sand & delo. 3490 4310 820 Bele. & anhy. 1310 4551 241 Bolemite 4551 4600 4410 10 Sand 4610 4700 90 Bele. & sand   | 457       |         |            |   |           | <b>:</b>    |   |          |              |               |             |
| 1535 1635 1729 94 Shale & sand 1729 1844 115 Red bed, shale & anhy. 1844 2834 990 Salt 2834 3240 406 Salt & anhy. 3352 3490 138 Sand & dele. 3352 3490 4310 820 Bele. & anhy. 4310 4551 4600 4610 49 Dele. & anhy. 4610 4700 90 Delé. & sand   | 1         |         |            |   |           |             |   |          |              |               |             |
| 1635 1729 94 Shale & sand 1729 1844 115 Red bed, shale & anhy. 1844 2834 990 Salt 2834 3240 406 Salt & anhy. 3240 3352 112 Anhy. & delo. 3352 3490 4310 820 Bele. & anhy. 4310 4551 241 Delemite 4551 4600 4410 10 Sand 4610 4700 90 Delo. & sand  | - 1       |         |            |   | ale       | <b>;</b>    |   |          |              |               |             |
| 1844 2834 990 Salt 2834 3240 406 Salt & anhy. 3240 3352 112 Anhy. & dele. 3352 3490 138 Sand & dele. 3490 4310 820 Bele. & anhy. 4310 4551 241 Delemite 4551 4600 49 Dele. & anhy. 4600 4410 10 Sand 4610 4700 90 Belé. & sand   | 1635      |         |            |   | i.        |             |   |          |              |               |             |
| 2834 3240 406 Salt & anhy. 3240 3352 112 Anhy. & delo. 3352 3490 138 Sand & delo. 3490 4310 820 Bele. & anhy. 4310 4551 241 Delemite 4551 4600 49 Delo. & anhy. 4610 4700 90 Delo. & sand  |           |         |            |   | 14        | & anhy.     |   |          |              |               |             |
| 3352 3490 138 Samd & dele. 3490 4310 820 Bele. & anhy. 4310 4551 241 Delemite 4551 4600 49 Dele. & anhy. 4610 4700 90 Dele. & sand   |           |         | 1          | 1                                       |           |             |   |          |              |               |             |
| 3490 4310 820 Bole. & anhy. 4310 4551 241 Dolomite 4551 4600 49 Dolo. & anhy. 4600 4610 10 Sand 4610 4700 90 Dolo. & sand  | 3240      | 3352    | 112        | Anhy. & dole                            |           |             |   |          |              |               | •           |
| 4310   | 4         |         |            |   |           |             |   |          |              |               |             |
| 4551 4600 49 Dole. & anhy. 4600 4410 10 Sand 4610 4700 90 Bole. & sand   | 1         |         |            |   | <b>7•</b> |             |   |          |              |               |             |
| 4610 4700 90 Bolo. & sand  | 4551      | 4600    |            |   | 7.        |             |   |          |              |               |             |
|  |           |         |            |   |           |             |   |          |              |               |             |
|  | 7040      | 7/00    | 70         | POTO. # 8930                            |           |             |   |          |              |               |             |
|  |           | . :     |            |   |           |             |   |          |              |               |             |
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|  |           |         |            |   |           |             |   |          |              |               |             |
|  |           |         |            |   |           |             |   |          | 1            |               |             |
|  |           |         |            |   |           |             |   |          |              |               |             |
|  | *         |         | 7          | ATTACH SEP                              | ARA       | TE SHEET IF | ADDITIO                                 | NAL SPA  | CE IS N      | EEDED         |             |

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

|   | October 16, 1962             |
|---|------------------------------|
| Company or Operator. Tidewater Oil Company Original Signed By | (Date) Address               |
| Name C. L. WADE   | Posizion de Title Area Supt. |