

NEW MEXICO OIL CONSERVATION COMMISSION
[1085 0550 0.0.0.0.

Aug 10 2 54 PH '64

# WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

| <u> </u>        |   |   | V. 1.1. V.                              |                         |   |   |   |
|-----------------|---|---|---|-------------------------|---|---|---|
| LOCAT           | REA 640 ACRI<br>TE WELL CORI            | RECTLY                                  |   |                         |   | 0.37 * 35                               | Tomas .                                 |
|                 |   | TEXACO Inc                              | •                                       |                         | <del>Stat</del>                         | e of New Mexico                         | 'AD'                                    |
|                 |   | Company or Operate                      |   |                         |   | ( <b>Lease)</b><br>7.8.5                | 3 <b>5_</b> E                           |
| ell No          | 7                                       | , in                                    | ¼ of                                    | , of Sec                | Т                                       | 18 <b>-</b> S                           | , NM                                    |
|                 | Vacuum                                  |   |   | Pool,                   | ***********                             | Lea                                     | Соч                                     |
| 11 :-           | 990                                     | fact from                               | South                                   | line and                | 2310                                    | fcet from                               | East                                    |
|                 | 6                                       |   | 7 1.1 01                                | Con Loon No.            | <b>:</b> -                              | B <b>-1031</b>                          |   |
| Section         |   | 28                                      | e Land the On and                       | . 6)                    | 10                                      | June 11                                 | 10                                      |
| illing Com      | menced                                  | may 20                                  |   | 9 Drillin<br>Jing Compa | g was Completed.<br>nv                  |   | 17                                      |
| me of Dril      | lling Contract                          | or                                      | Canay DITI.                             | TIME COMPA              |   |   |   |
| ldress          |   |   | P. O. Box .                             | 1701 - Mia              | land, Texas                             |   |   |
| evation abo     | ve sea level at                         | Top of Tubing                           | Head39                                  | 98 <b>0¹ (</b> D. F     | •) The inf                              | ormation given is to b                  | e kept confidential u                   |
| Septem          | ber                                     |   | <u>, 1964</u>                           | ,                       |   |   |   |
| See At          | tached Sh                               | eet.                                    |   |                         | 02578                                   |   |   |
|                 |   |   |   | SANDS OR Z              |   | ;                                       |   |
|                 |   |   |   |                         |   | to                                      |   |
|                 |   |   |   |                         |   | to                                      |   |
| o. 3, from      |   | to                                      |   | No. 6                   | , from                                  | to                                      |   |
|                 |   |   | and no wate                             | r sands te              | sted.                                   |   |   |
|                 |   |   | IMPOR:                                  | TANT WATER              | SANDS                                   | •                                       |   |
|                 |   |   | evation to which w                      |                         |   |   |   |
|                 |   |   |   |                         |   | feet                                    |   |
| o. 2, from      |   |   | to                                      |                         |   | feet                                    | · · · · · · · · · · · · · · · · · · ·   |
| o. 3, from      |   |   | to                                      |                         |   | .feet                                   |   |
| o. 4, from      | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |   | to                                      |                         |   | feet                                    | •••••                                   |
| •               |   |   |   |                         |   |   |   |
|                 |   |   |   | ASING RECO              | RD                                      |   |   |
| SIZE            | WEIGH<br>PER FO                         | T NEW OF USED                           | AMOUNT                                  | KIND OF<br>SHOR         | CUT AND<br>PULLED FROM                  | PERFORATIONS                            | PURPOSE                                 |
| 111             | 24.00                                   | NEW                                     | 15461                                   | Howco                   | NONE                                    | NONE                                    | Surface                                 |
| 1/2"            | 5.75                                    | NEW                                     | 47401                                   | Howco                   | NONE                                    | See Attached                            | Production                              |
|                 |   |   |   |                         |   |   |   |
| <del></del>     |   |   |   | <u> </u>                |   |   |   |
|                 |   |   | wunning .                               | AND CHARRY              | ING RECORD                              |   |   |
| <del>-</del>    |   |   |   |                         | ING RECORD                              |   | AMOUNT ON                               |
| SIZE OF<br>HOLE | SIZE OF<br>CABING                       | WHERE                                   | NO. SACKS<br>OF CELIENT                 | METHOD<br>USED          | •                                       | MUD<br>RAVITY                           | AMOUNT OF<br>MUD USED                   |
| ייבו            | 7"                                      | 15551                                   | 650                                     | Howco                   |   |   |   |
| 6 3/4"          | 3 1/2                                   | 47501                                   | 625                                     | Howco                   |   |   |   |
|                 |   |   |   |                         |   |   |   |
|                 | <u> </u>                                | <u>-</u>                                |   |                         | ·                                       |   | <del></del>                             |
|                 |   |   | RECORD OF P                             | RODUCTION .             | AND STIMULA                             | rion                                    |   |
|                 |   | (Record the                             | Process used, No.                       | of Qts. or Ga           | ls. used, interval                      | treated or shot.)                       |   |
| See Atta        | ached she                               | et.                                     |   |                         |   |   |   |
| ••••••          |   | ,                                       |   |                         | -444984441444444444444                  |   |   |
| •••••           |   | *************************************** |   |                         | ****                                    |   |   |
|                 |   |   |   |                         | *************************************** |   | *************************************** |
|                 |   |   | -                                       |                         |   |   |   |
| ,               |   |   |   |                         |   |   |   |
| esult of Pro    | oduction Stim                           | ulation 500 I                           | Attached she                            |                         | ****************                        | ••••••                                  |   |
| <b>#</b> 1144   |   | **************************************  | <b>a</b> ?                              | ·                       | •••••                                   | *************************************** |   |
|                 |   |   |   |                         |   | Depth Cleaned Ou                        | 4750                                    |
| ****            | ************************                |   | *************************************** |                         | ·                                       | PBTD                                    | 4720°                                   |

## WOORD OF DRILL-STELL AND SPECIAL T 8

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

## TOOLS USED

|   |  | J 6   |   | fact to  |                     |                                       |                   |                   | feet tofee                                     |
|---|--|---|---|--|---------------------|---------------------------------------|-------------------|-------------------|--|
| Cable tool  | s were used  | i irom  |   | ieet w   |                     |                                       | a troin           | ••••••            | leet to  |
|   | •  | Augus   | ıt. Q   |  | PRODUC              | UTION                                 |                   |                   |  |
| Put to Pro  | ducing   | Nugus   |   | ************                                   | 19 64               |                                       |                   |                   | <br>س ا س                                      |
| OIL WEI   | LL: The  | production  | during the first  | 24 hours                                       | was 53              |                                       | barı              | els of liq        | uid of which                                   |
|   | was  | oil;  | %   | was emi  | ulsion;55           |                                       | % water           | and               | % was sediment. A.P.                           |
|   | Grav   | i <b>ty</b>   | 38.1  |  |                     |                                       |                   |                   |  |
| GAS WEI   | •  |   |   |  |                     |                                       | ACE pla           | ,                 | barrels  |
| GAS WEI   |  |   |   |  |                     |                                       | 1,0.1 . p.        |                   |  |
|   | liqui  | d Hydroca   | arbon. Shut in Pre  | Murc   | lbs.                |                                       |                   |                   | •  |
| Length of   | Time Shu   | ıt in   | ***************************************   |  |                     |                                       |                   |                   |  |
| PLE/  | ASE INDI   | CATE BI   | ELOW FORMA  | TION T   | OPS (IN CON         | FORMANO                               | E WITH            | GEOGI             | RAPHICAL SECTION OF STATE):                    |
|   |  | 71  | Southeastern 1<br>175 !   |  |                     |                                       |                   |                   | Northwestern New Mexico                        |
| •   | ·····  | ٦ /   | 550'  |  | Devonian            |                                       |                   |                   | Ojo Alamo                                      |
|   |  | 20  | 701   |  | Silurian<br>Montoya |                                       |                   |                   | Farmington                                     |
|   |  |   | 700 <b>1</b>  |  | Montoya<br>Simpson  |                                       |                   | •                 | Pictured Cliffs                                |
|   |  |   |   |  | McKee               |                                       |                   | _                 | Menefee  |
| T. Quee   | n  | 39  | 9081  | . T, 1   | Ellenburger         |                                       |                   | Т.                | Point Lookout                                  |
| T. Grayl  | ourg   | •   | ······································  | т. •   | Gr. Wash            |                                       |                   | <b>T.</b>         | Mancos   |
|   |  |   | 5441  |  | Granite             |                                       |                   |                   | Dakota   |
|   |  |   | ***************************************   |  |                     |                                       |                   |                   | Morrison                                       |
|   |  |   |   |  | ••••••              |                                       |                   | _                 | renu   |
|   |  |   |   |  |                     |                                       |                   |                   | .,   |
| -   |  |   |   |  |                     | · · · · · · · · · · · · · · · · · · · |                   | Т.                | ***************************************        |
| T. Miss.  |  |   | ···•  | т.   |                     |                                       |                   | Т.                |  |
|   |  |   |   |  | FORMATIO            | n reco                                | RD                |                   |  |
|   | т.   | Thickness   |   |  |                     |                                       |                   |                   |  |
| From  | То   | in Feet   | F   | ormation                                       | 1                   | From                                  | То                | Thickness in Feet |  |
| - O   | 217  | in Feet   | Caliche   | ormatior                                       | 1                   | From                                  | То                |                   |  |
| 0<br>217  | 217<br>870   | 217<br>653  | Caliche<br>Redbed   |  | 1                   | From                                  | То                |                   |  |
| 0<br>217<br>870   | 217<br>870<br>1650   | 217<br>653<br>780   | Caliche   | A <b>nhy</b>                                   | 1                   | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570   | 217<br>870<br>1650<br>2570<br>2700   | 217<br>653<br>780<br>920<br>130   | Caliche<br>Redbed<br>Redbed &<br>Anhy & Sa<br>Anhy & Gy                               | Anhy<br>lt<br>p                                |                     | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700   | 217<br>870<br>1650<br>2570<br>2700<br>3761   | 217<br>653<br>780<br>920<br>130<br>1061   | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp                                 | Anhy<br>lt<br>p<br>& Lir                       |                     | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570   | 217<br>870<br>1650<br>2570<br>2700   | 217<br>653<br>780<br>920<br>130   | Caliche<br>Redbed<br>Redbed &<br>Anhy & Sa<br>Anhy & Gy                               | Anhy<br>lt<br>p<br>& Lin                       | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990   | 217<br>653<br>780<br>920<br>130<br>1061<br>229  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li                       | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sh         | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317                                       | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750   | 217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327                                       | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp             | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sh         | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317   | 217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327                                       | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp             | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sh         | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317                                       | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750                                   | 217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327<br>433                                | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp             | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317                                       | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720                           | in Feet<br>217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327<br>433                     | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>TD                                 | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720                           | in Feet<br>217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327<br>433<br>s from<br>d leve | Caliche Redbed & Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>TD                                 | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720                           | in Feet<br>217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327<br>433<br>s from<br>d leve | Caliche Redbed & Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>TD                                 | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720<br>rement                 | in Feet<br>217<br>653<br>780<br>920<br>130<br>1061<br>229<br>327<br>433<br>s from<br>d leve | Caliche Redbed & Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0<br>217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>TD<br>l measure<br>above<br>timate | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>470<br>rement<br>groun | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>trement<br>groun       | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>trement<br>groun       | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>trement<br>groun       | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>trement<br>groun       | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Sha        | me                  | From                                  | То                |                   |  |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4750<br>trement<br>groun       | 10 Feet 217 653 780 920 130 1061 229 327 433  | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Shr<br>ale | me                  |                                       |                   | in Feet           | Formation                                      |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720<br>rement<br>groun        | in Feet  217 653 780 920 130 1061 229 327 433  s from d leve                                | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Shr<br>ale | TE SHEET IF         | ADDITIO                               | NAL SP            | in Feet           | NEEDED   |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720<br>rement<br>groun        | in Feet  217 653 780 920 130 1061 229 327 433  s from d leve 643  nta Fe                    | Caliche Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh          | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Shr<br>ale | TE SHEET IF         | ADDITIO                               | NAL SP            | in Feet           | Formation                                      |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720<br>rement<br>groun        | in Feet  217 653 780 920 130 1061 229 327 433  s from d leve 643  nta Fe                    | Caliche Redbed Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh   | Anhy<br>lt<br>p<br>& Lir<br>me<br>& Shr<br>ale | TE SHEET IF         | ADDITIO                               | NAL SP.           | ACE IS I          | NEEDED   |
| 0 217 870 1650 2570 2700 3761 3990 4317  TD   | 217<br>870<br>1650<br>2570<br>2700<br>3761<br>3990<br>4317<br>4750<br>4750<br>4720<br>rement<br>groun        | 117 653 780 920 130 1061 229 327 433 nta Fe   | Caliche Redbed & Anhy & Sa Anhy & Gy Anhy, Gyp Anhy & Li Lime, Gyp Lime & Sh          | Anhy lt p & Lir me & Shr ale                   | TE SHEET IF         | ADDITIO                               | NAL SP. and corre | ACE IS I          | NEEDED  of the well and all work done on it so |

### State of New Mexico "AB" Well No. 7

Spudded 11" Hole 8:00 P. M. May 28, 1964. Ran 1546' of 7" O. D. Casing and cemented at 1555' with 550 Sx Incor 8% gel, plus 100 Sx. Incor neat with 2% CACL. Plug at 1530'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 4:30 P. M. June 1, 1964.

Ran 4740° of 3 1/2" 0. D. Casing and cemented at 4750° with 475 Sx. Class "C" 8% gel, plus 150 Sx. Class "C" neat. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 9:00 A. M. June 13, 1964.

Perforate 3 1/2" 0. D. Casing with one jet shot at 4728, 4730, and 4732. Acidize with 500 gals LSTNE. Frac with 5000 gals refined oil and 5000 lbs sand. Swab well. No new oil. Spot plug.

Perforate 3 1/2" 0. D. Casing with one jet shot at 4654, 4661, 4679, 4695, and 4704. Acidize with 1000 gals LSTNE in two stages with one ball sealer between stages. Swab well. Frac with 30,000 gals refined oil and 30,000 lbs sand. Swab well.

On 24 Hour Potential Test ending 8:00 A. M. August 9, 1964, well pumped 24 BO and 29 BW.

GOR - 1764 GRAVITY - 38.1 Top of Pay - 4654. Btm of Pay - 4704. NMOCC Date - June 11, 1964. TEXACO Inc. Date - August 9, 1964.