

## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

## 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

| Coll No.   109   18   18   14   18   18   14   18   18   | ٦.                              | atural Ga        | as Company            | /   |   |            | Cany <b>o</b> n                         | Largo Unit                              | <b>;</b>                              |                |
|--|---------------------------------|------------------|-----------------------|---|---|------------|---|---|---------------------------------------|----------------|
| Columb   1750   feet from   North   line and   1550   feet from   West   |                                 | ΛQ (Co           | mpany or Opera:<br>SE | tor)  | 2   |            | _ 25-N                                  |   | 6-W                                   | NA 40          |
| 1750   | /ell No                         | o Picture        | d Cliffs              | /4 of/  | 4, of SecF                                      | io Arı     | riba                                    | , K                                     |                                       | , NMP          |
| Section   2  |                                 |                  |                       | 77  | Pool,   | 1.550      | <br>``                                  | *************************************** | West.                                 | Соип           |
| 1951   Drilling was Completed   9-13-   19   5   |                                 |                  |                       |   |   |            |   |   |                                       |                |
| ame of Drilling Contractor Whighen Drilling Company  ddress.  Ground Level 5670 The information given is to be kept confidential useration above sea level at TEXECOMESTAND 5670 The information given is to be kept confidential useration above sea level at TEXECOMESTAND 5670 The information given is to be kept confidential useration above sea level at TEXECOMESTAND 19.  OIL SANDS OR ZONES  10. 1, from 234.5 to 2621 (G) No. 4, from to  |                                 |                  |                       |   |   |            |   |   |                                       |                |
| OIL SANDS OR ZONES   |                                 |                  |                       |   |   |            |   |   |                                       |                |
| OIL SANDS OR ZONES   | ame of Drilli                   | ing Contractor   | r. Wh                 | igh <b>a</b> m <b>Dri</b> llin                      | ng Company                                      |            |   |   | •••••                                 |                |
| OIL SANDS OR ZONES  OIL SANDS OR ZONES  io. 1, from 234.5 to 2615 (G) No. 4, from to to to 2821 (C) No. 5, from 2821 to 2901 No. 6, from to to 2821 to 2901 No. 6, from to 1821 t | ddress                          |                  |                       |   |   |            |   | ••••••                                  |                                       |                |
| OIL SANDS OR ZONES   | levation abov                   | e sea level at 🕽 | round Le              | XXXX  | 6670  | 7          | The informati                           | on given is to                          | be kept o                             | onfidential u  |
| 234   2616   2821   3   261   3   3   4   3   4   3   4   3   4   3   4   4  |                                 |                  |                       |   |   |            |   |   |                                       |                |
| 234   2616   2821   3   261   3   3   4   3   4   3   4   3   4   3   4   4  |                                 |                  |                       | ОП  | SANDS OF 70                                     | NTE G      |   |   |                                       |                |
| 10. 2, from  |                                 | 23               | h.;                   |   |   |            |   |   |                                       |                |
| 10   3, from   10   No. 6, from   10   No. 6, from   10  |                                 |                  |                       |   |   |            |   |   |                                       |                |
| IMPORTANT WATER SANDS  Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from to feet.  No. 2, from to feet.  No. 3, from to feet.  No. 4, from to feet.  No. 4, from to feet.  CASING RECORD  SIZE WEIGHT NEW OR AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 liew 114 HOWCO Surface  7/8" 6.4 Hett 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACES OF CEMENT USED GRAVITY AMOUNT OF MILE USED GRAVITY  MUDDING AND CEMENTING RECORD  |                                 |                  |                       |   |   |            |   |   |                                       |                |
| nclude data on rate of water inflow and elevation to which water rose in hole.  No. 1, from  | io. 3, from                     |                  | to                    |   | No. 6,  | from       | *************************************** | to                                      | •••••                                 | ······         |
| No. 1, from  |                                 |                  |                       | IMPOR   | TANT WATER                                      | SANDS      |   |   |                                       |                |
| No. 2, from to feet.  No. 3, from to feet.  CASING RECORD  CASING RECORD  SIZE WEIGHT NEW OR CASING RECORD  SIZE PER FOOT CSED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACES METHOD MUD AMOUNT OF HOLE CASING SET OF CEMENT USED GRAVITY MUD USED  3 3/4 8 5/8" 124 140 Circulated  | nclude data c                   | on rate of wate  | er inflow and         | elevation to which                                  | water rose in hole                              |            |   |   |                                       |                |
| No. 2, from to feet.  No. 3, from to feet.  CASING RECORD  CASING RECORD  SIZE WEIGHT NEW OR CASING RECORD  SIZE PER FOOT CSED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACES METHOD MUD AMOUNT OF HOLE CASING SET OF CEMENT USED GRAVITY MUD USED  3 3/4 8 5/8" 124 140 Circulated  | Jo. 1, from                     |                  | , <b>,,</b>           | to  |   |            | feet.                                   | *************************************** |                                       |                |
| CASING RECORD  SIZE WEIGHT NEW OR LIED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACKS METHOD GRAVITY AMOUNT OF MUD USED  3/4 8 8 5/8" 124 140 circulated   |                                 |                  |                       |   |   |            |   |   |                                       |                |
| CASING RECORD  SIZE WEIGHT NEW OR AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACES METHOD GRAVITY AMOUNT OF MUD USED  3/4* 8 5/8" 124 140 circulated   | io, 3, from                     |                  | ***********           | to  |   |            | feet.                                   |   |                                       |                |
| SIZE WEIGHT NEW OR TSED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 1.14 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF SIZE OF SET OF CEMENT USED GRAVITY AMOUNT OF MUD USED 3/4 8 5/8" 124 140 circulated  |                                 |                  |                       |   |   |            |   |   |                                       |                |
| SIZE PER FOOT TO TO AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACKS OF CEMENT USED GRAVITY AMOUNT OF MUD USED  3/4* 8 5/8" 124 140 circulated   | 1, 110                          |                  |                       |   |   |            |   |   |                                       |                |
| SIZE PER FOOT USED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  5/8" 24 New 114 HOWCO Surface  7/8" 6.4 New 2891 Baker 2834-48 Prod  MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF WHERE NO. SACKS OF CEMENT USED GRAVITY MUD USED  3 3/4 8 5/8" 124 140 circulated   |                                 |                  |                       |   | CASING RECOI                                    | S.D        |   |   | <del></del>                           |                |
| MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF CASING SET OF CEMENT USED GRAVITY AMOUNT OF MUD USED  3 3/4 8 5/8" 124 140 circulated  | SIZE                            |                  |                       |   |   |            |   | RFORATIONS                              |                                       | PURPOSE        |
| MUDDING AND CEMENTING RECORD  SIZE OF SIZE OF CASING SET OF CEMENT USED GRAVITY AMOUNT OF MUD USED  3 3/4 8 5/8" 124 140 circulated  | 5/8"                            | 24               | New                   | 114   | HOWCO   |            |   |   | Surf                                  | ace            |
| SIZE OF SIZE OF CASING SET NO. SACES METHOD MUD AMOUNT OF MUD USED  3 3/4 8 5/8" 124 140 circulated  | 7/8"                            |                  | Nev                   | 2891  | Baker   |            | 283                                     | 4 <b>-4</b> 8                           | Prod                                  |                |
| SIZE OF SIZE OF CASING SET NO. SACES METHOD MUD AMOUNT OF MUD USED  3 3/4 8 5/8" 124 140 circulated  |                                 |                  |                       |   |   |            |   |   | -                                     |                |
| SIZE OF SIZE OF CASING SET NO. SACES METHOD MUD AMOUNT OF MUD USED  3 3/4 8 5/8" 124 140 circulated  |                                 |                  |                       |   |   |            |   |   | <del>_ '</del>                        |                |
| 3 3/4 8 5/8" 124 140 circulated  | <u> </u>                        |                  |                       | MUDDING   | AND CEMENT                                      | NG REC     | ORD                                     | <del></del>                             | · · · · · · · · · · · · · · · · · · · |                |
| 3 3/4 8 5/8" 124 140 circulated  |                                 |                  |                       | NO. SACKS<br>OF CEMENT                              | METHOD<br>USED                                  |            |   | Y                                       | AMOU<br>MUD                           | INT OF<br>USED |
|  |                                 |                  |                       |   |   | . ho       |   |   |                                       |                |
| 1/4" 2 7/8" 2901 215 single stage  | HOLE                            | 0 5/0            | 124                   | 140   | CIPCOIA   | ,cu        |   |   |                                       |                |
|  | HOLE                            | L.               | 2007                  | 215   | single s  | tage       |   |   |                                       |                |
|  | 3 3/4 ·                         | 2 7/8"           |                       |   |   | I          | ······································  |   |                                       |                |
| RECORD OF PRODUCTION AND STIMULATION   | 3 3/4 ·                         | 2 7/8"           |                       | RECORD OF 1   | PRODUCTION A                                    | ND STU     | MULATION                                |   |                                       |                |
| RECORD OF PRODUCTION AND STIMULATION  (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  | 3 3/4 ·                         | 2 7/8"           |                       |   |   |            |   | d or shot.)                             |                                       |                |
|  | но <u>ге</u><br>3 3/4 •<br>1/4" |                  | (Record th            | ne Process used, No                                 | o. of Qts. or Gal                               | s. used, i | nterval treate                          |   | 1300#,                                | max pr         |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.) 2834-2848; Frac Pictured Cliffs w/33,574 gal water, 30,000# sand. BDP 1300#, max pr  | но <u>ге</u><br>3 3/4 •<br>1/4" | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33                | o. of Qu. or Gal<br>3,674 gal wa                | used, i    | nterval treate                          |   | 1300#,                                | max pr         |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  | но <u>ге</u><br>3 3/4 •<br>1/4" | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33                | o. of Qu. or Gal<br>3,674 gal wa                | used, i    | nterval treate                          |   | 1300#,                                | max pr         |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  2834-2848; Frac Pictured Cliffs w/33,674 gal water, 30,000# sand. BDP 1300#, max pr  3500#, tr pr 2800#. IR 22 BPM. Flush 796 gallons   | но <u>ге</u><br>3 3/4 •<br>1/4" | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33                | o. of Qu. or Gal<br>3,674 gal wa                | used, i    | nterval treate                          | and. BDP                                | LiVÈ                                  |                |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  2834-2848; Frac Pictured Cliffs w/33,674 gal water, 30,000# sand. BDP 1300#, max pr  3500#, tr pr 2800#. IR 22 BPM. Flush 796 gallons  NOV1 0 1961  | ноце<br>3 3/4 •<br>1/4"         | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33<br>2800#. IR 2 | o. of Qu. or Gal<br>3,674 gal wa<br>2 BPM. Flus | used, i    | nterval treate                          | and. BDP                                | LIVE<br>LO 196                        |                |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  2834-2848; Frac Pictured Cliffs w/33,574 gal water, 30,000# sand. BDP 1300#, max pr  3500#, tr pr 2800#. IR 22 BPM. Flush 796 gallons  NOV1 0 1961  Result of Production Stimulation A.O.F. 4858 MCF/D  | ноце<br>3 3/4 •<br>1/4"         | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33<br>2800#. IR 2 | o. of Qu. or Gal<br>3,674 gal wa<br>2 BPM. Flus | used, i    | nterval treate                          | NOV                                     | LIVE<br>LO 196<br>DN. CC              |                |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)  2834-2848; Frac Pictured Cliffs w/33,674 gal water, 30,000# sand. BDP 1300#, max pr  3500#, tr pr 2800#. IR 22 BPM. Flush 796 gallons  NOV1 0 1961  | 1/4"<br>2834-2848               | 3; Frac          | (Record the Picture)  | ne Process used, No<br>d Cliffs w/33<br>2800#. IR 2 | o. of Qu. or Gal<br>3,674 gal wa<br>2 BPM. Flus | used, i    | nterval treate                          | NOV                                     | LIVE<br>LO 196<br>DN. CC              |                |

## 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

| Rotary                     | tools were    | used from                              | feet                             | : to2901             | feet,                    | and fron        | n                    | feet to               | feet               |
|----------------------------|---------------|--|----------------------------------|----------------------|--------------------------|-----------------|----------------------|-----------------------|--------------------|
| Cable to                   | ools were     | used from                              | feet                             | to                   | feet,                    | and fron        | n                    | feet to               | feet               |
|                            |               |  |                                  | P                    | RODUCTION                |                 |                      |                       |                    |
| Put to 1                   | Producing.    | 10-2                                   | 0=                               | , 19                 | 61                       |                 |                      |                       |                    |
| OIL W                      | ELL: T        | he product                             | ion during the first 24 h        |                      |                          |                 | harrels of li        | avid of which         | 61                 |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  | % was                            |                      |                          | % wa            | iter; and            | % w                   | as sediment. A.P.I |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
| GAS W                      | ELL: T        | he product                             | ion during the first 24 h        | ours was 3           | 384                      | M.C.F.          | plus                 | •••••                 | barrels o          |
|                            |               |  | carbon. Shut in Pressure         |                      |                          |                 |                      |                       |                    |
| Length                     |               |  | 6 Days                           |                      |                          | .0.F.           | 4858 MC              | F/D                   |                    |
|                            |               |  |                                  |                      |                          |                 |                      | •                     |                    |
| PLL                        | ease in       | DICATE                                 | BELOW FORMATION Southeastern New |                      | CONFORMA                 | NCE WI          | TH GEOG              |                       |                    |
| T. Anh                     | ıv            |  |                                  |                      |                          |                 |                      | Northwestern No       |                    |
|                            |               |  | T                                |                      |                          |                 |                      | Ojo Alamo             | 2344               |
|                            |               |  | T                                |                      |                          |                 |                      | Kirtland-Frühland     | 2616               |
|                            |               |  | T                                |                      | *************            |                 |                      | Pictured Cliffs       | 6003               |
|                            |               |  | т                                |                      | •••••                    |                 |                      | Menefee               |                    |
|                            |               |  | Т.                               |                      | r                        |                 |                      | Point Lookout         |                    |
|                            | 7 - 01. Wasti |  |                                  |                      |                          |                 |                      | Mancos                |                    |
|                            |               |  |                                  |                      |                          |                 |                      | Dakota                |                    |
|                            |               |  | T.                               |                      |                          |                 |                      | Morrison              |                    |
|                            |               |  |                                  |                      |                          |                 |                      | renn                  |                    |
| T. Abo.                    |               | ······································ | Т                                |                      |                          |                 |                      |                       |                    |
|                            |               |  | т.                               |                      | •                        | ·               | т.                   |                       |                    |
| T. Miss                    | *             |  | T.                               |                      | ·····                    |                 | T.                   |                       |                    |
| ·                          |               |  |                                  | FORMA                | TION RECO                | ORD             |                      |                       |                    |
| From                       | То            | Thickness<br>in Feet                   | Format                           | ion                  | From                     | То              | Thickness<br>in Feet | Forma                 | tion               |
| ^                          | 2344          | 2344                                   | Man de man                       |                      |                          | -               |                      |                       |                    |
| <b>5</b> 3 <del>11</del> 1 | 2516          | 272                                    | Tan to gry cr-<br>Kirtland form. | Gruss 11             | iterpeadea<br>interpedde | W/gry<br>d w/ti | ght.                 |                       |                    |
|                            |               | -                                      | gry fine-grn                     | 55.                  |                          | 1               |                      |                       |                    |
| <b>2</b> 616               | 2821          | 205                                    | Fruitland form                   | . Gry car            | b sh, sca                | tered           | coals,               |                       |                    |
| 2821                       | 2901          | 80                                     | coals and gry<br>Pictured Cliffi | , tight,<br>s forms. | Gry fine                 | ern.            | tight.               |                       |                    |
|                            |               |  | varicolored se                   |                      |                          | D= y            | organo,              |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      | ļ                        |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       | •                  |
|                            | 1             |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
|                            |               |  |                                  |                      |                          |                 |                      |                       |                    |
| !                          |               | 1                                      | <u> </u>                         |                      |                          |                 |                      |                       |                    |
|                            |               |  | ATTACH SEPARA                    | TE SHEET             | IF ADDITION              | NAL SP          | ACE IS NE            | EEDED                 |                    |
| I her                      | eby swear     | or affirm                              | that the information gi          | ven herewith         | is a complete a          | and corre       | ct record of         | the well and all work | done on it so for  |
|                            |               |  |                                  |                      | -                        |                 | 01                   | und ad WOIK           | LOIK OH IL SU TAL  |

| 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.                      | November 3, 1961   |
| Company or Operator El Paso Natural Gas Company                   | Address Box 990, Farmington, New Mexico                                |
| Name Origina Clair R. C. H. LR                                    | Poster Petroleum Engineer  |