

(Revised 7/1/52)  
(Form C-105)

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. A small black dot is located at the bottom left corner of the grid.

# 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.

Charles P. Miller  
 (Company or Operator)

State N.M.  
 (Lease)

Well No. 1, in 4  $\frac{1}{4}$  of 2  $\frac{1}{4}$ , of Sec. 15, T. 24 S, R. 27, NMPM.

Alcatraz Pool, San County.

Well is 330 feet from South line and 320 feet from West line of Section 15. If State Land the Oil and Gas Lease No. is 1-2-20.

Drilling Commenced December 7, 1950. Drilling was Completed February 7, 1950.

Name of Drilling Contractor S. P. Bates Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Gas Well A.P. 3220'. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

### OIL SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

## IMPORTANT WATER SANDS

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

|             |       |    |       |       |            |
|-------------|-------|----|-------|-------|------------|
| No. 1, from | 2327' | to | 2331' | feet. | Salt water |
| No. 2, from | 2342' | to |       | feet. | " "        |
| No. 3, from | 2440' | to | 2455' | feet. | " "        |
| No. 4, from |       | to |       | feet. |            |

## CASING RECORD

| SIZE  | WEIGHT<br>PER FOOT | NEW OR<br>USED | AMOUNT | KIND OF<br>SHOE | CUT AND<br>PULLED FROM | PERFORATIONS | PURPOSE |
|-------|--------------------|----------------|--------|-----------------|------------------------|--------------|---------|
| 5 1/2 | 22                 | Used           | 353'   | 7-0             |                        |              |         |
|       |                    |                |        |                 |                        |              |         |
|       |                    |                |        |                 |                        |              |         |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY             | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------------------|--------------------|
| 10"          | 8-5/8"         | 356'      | 50                  | Plug        | 10 mud. cable tool hole |                    |
|              |                |           |                     |             |                         |                    |
|              |                |           |                     |             |                         |                    |

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

### Result of Production Stimulation.

RE D 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 to...feet, and from...feet to...feet.  
Cable tools were used from **Surface** feet to **Total Depth** feet, and from...feet to...feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was  
was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I.  
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico          |                               |                    |  | Northwestern New Mexico    |  |  |  |
|----------------------------------|-------------------------------|--------------------|--|----------------------------|--|--|--|
| T. Anhy.....                     | T. Devonian.....              | T. Ojo Alamo.....  |  | T. Kirtland-Fruitland..... |  |  |  |
| T. Salt.. <b>1265' (Castile)</b> | T. Silurian.....              | T. Farmington..... |  | T. Pictured Cliffs.....    |  |  |  |
| B. Salt.. <b>1995' (Castile)</b> | T. Montoya.....               | T. Menefee.....    |  | T. Point Lookout.....      |  |  |  |
| T. Yates.....                    | T. Simpson.....               | T. Mancos.....     |  | T. Dakota.....             |  |  |  |
| T. 7 Rivers.....                 | T. McKee.....                 | T. Morrison.....   |  | T. Penn.....               |  |  |  |
| T. Queen.....                    | T. Ellenburger.....           | T. ....            |  | T. ....                    |  |  |  |
| T. Grayburg.....                 | T. Gr. Wash.....              | T. ....            |  | T. ....                    |  |  |  |
| T. San Andres.....               | T. Granite.....               | T. ....            |  | T. ....                    |  |  |  |
| T. Glorieta.....                 | T. <b>Lamar lime 2290'</b>    | T. ....            |  | T. ....                    |  |  |  |
| T. Drinkard.....                 | T. <b>Delaware Sand 2310'</b> | T. ....            |  | T. ....                    |  |  |  |
| T. Tubbs.....                    | T. ....                       | T. ....            |  | T. ....                    |  |  |  |
| T. Abo.....                      | T. ....                       | T. ....            |  | T. ....                    |  |  |  |
| T. Penn.....                     | T. ....                       | T. ....            |  | T. ....                    |  |  |  |
| T. Miss.....                     | T. ....                       | T. ....            |  | T. ....                    |  |  |  |

FORMATION RECORD

| From | To   | Thickness<br>in Feet | Formation                                      | From | To   | Thickness<br>in Feet | Formation                                                                   |
|------|------|----------------------|------------------------------------------------|------|------|----------------------|-----------------------------------------------------------------------------|
| 0    | 35   | 35                   | Surface rock                                   | 1300 | 1995 | 695                  | Salt                                                                        |
| 35   | 80   | 45                   | Anhydrite                                      | 1995 | 2050 | 55                   | Gray lime                                                                   |
| 80   | 105  | 25                   | Anhydrite & blue shale                         | 2050 | 2090 | 40                   | Lime & anhy. S.L.M.<br>2065'± 2076'                                         |
| 105  | 134  | 29                   | Gravel                                         | 2090 | 2220 | 130                  | Gray lime                                                                   |
| 134  | 140  | 6                    | Blue shale                                     | 2220 | 2270 | 50                   | Black lime                                                                  |
| 140  | 185  | 45                   | Anhydrite & shale                              | 2270 | 2300 | 30                   | Brown lime                                                                  |
| 185  | 205  | 20                   | Red beds                                       | 2300 | 2306 | 6                    | Black shale                                                                 |
| 205  | 212  | 7                    | Shale                                          | 2306 | 2308 | 2                    | Sandy shale                                                                 |
| 212  | 295  | 83                   | Broken shale & anhydrite                       | 2308 | 2313 | 5                    | Gray shale                                                                  |
| 295  | 680  | 385                  | Anhy. S.L.M. 335'± 343'                        | 2313 | 2316 | 3                    | Gray sand                                                                   |
| 680  | 725  | 45                   | Lime                                           | 2316 | 2318 | 2                    | White sand. Odor of gas @<br>2316'                                          |
| 725  | 732  | 7                    | Gray shale                                     | 2318 | 2470 | 152                  | Gray sand. First water 2327-<br>2331'. Ther. water 2342' and<br>2450'-2455' |
| 732  | 795  | 63                   | Anhydrite                                      | 2470 | 2480 |                      | Sandy gray shale.                                                           |
| 795  | 835  | 40                   | Anhydrite & lime                               |      |      |                      |                                                                             |
| 835  | 857  | 22                   | White anhydrite                                |      |      |                      |                                                                             |
| 857  | 870  | 13                   | Dark gray lime                                 |      |      |                      |                                                                             |
| 870  | 915  | 45                   | Lime                                           |      |      |                      |                                                                             |
| 915  | 985  | 70                   | Anhy. & lime. Tr sulphur<br>natural gas @ 920' |      |      |                      |                                                                             |
| 985  | 1020 | 35                   | Lime                                           |      |      |                      |                                                                             |
| 1020 | 1110 | 90                   | Anhydrite & lime                               |      |      |                      |                                                                             |
| 1110 | 1150 | 40                   | Lime                                           |      |      |                      |                                                                             |
| 1150 | 1275 | 125                  | Lime & anhydrite                               |      |      |                      |                                                                             |
| 1275 | 1300 | 25                   | Salt & anhydrite                               |      |      |                      |                                                                             |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

March 6, 1959 (Date)

Company or Operator **Charles P. Miller** Address **Box 385, Hobbs, New Mexico**