

**Santa Fe, New Mexico**

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

.....  
(Company or Operator)

**~~Brown State~~**

(Lease)

Well No. 2, in NW 1/4 of SW 1/4, of Sec. 13, T. 18N, R. 28E, NMPM.

**Nichols** ..... Pool, **1** **Edy** ..... County.

Well is 198 feet from South line and 660 feet from West line

of Section 13-18S-28E..... If State Land the Oil and Gas Lease No. is E-1392.....

Drilling Commenced 1-1-, 1955 Drilling was Completed 2-16-, 1955

Name of Drilling Contractor. Kincaid & Watson Drilling Co.

Address.....**Box 536, Artesia, New Mexico**.....

Elevation above sea level at Top of Tubing Head 3571.9' The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

No. 1, from **2308** to **2318** No. 4, from **2383** to **2394**  
No. 2, from **2608** to **2619** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **2900** to **2920** No. 6, from \_\_\_\_\_ to \_\_\_\_\_

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

No. 1, from None to \_\_\_\_\_ feet.

No. 2, from ..... to ..... feet.

No. 3, from.....to.....feet. ....

No. 4, from ..... to ..... feet.

| SIZE   | WEIGHT<br>PER FOOT | NEW OR<br>USED | AMOUNT | KIND OF<br>SHOE | CUT AND<br>PULLED FROM | PERFORATIONS           | PURPOSE |
|--------|--------------------|----------------|--------|-----------------|------------------------|------------------------|---------|
| 10 3/4 | 32.75              | Used           | 126    |                 |                        | No Water So All Pulled |         |
| 5 1/2  | 14                 | New            | 2880   | Tex. Pat.       | Oil String XXX Left.   |                        |         |
|        |                    |                |        |                 |                        |                        |         |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 8            | 5 1/2          | 2880      | 125                 | Denton      |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

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

Dowell Sandfrac treated three sections as follows:

2308 to 2318 with 10,000 gal Fras Oil & 15,000# sand

2608 to 2619 with 10,000 gal Free Oil & 15,000 sand

2900 to 2920 with 10,000 gal. Frac Oil & 15,000# sand

Result of Production Stimulation. **Production increased from approx. 12 BOPD to approx. 100 BOPD**

..Depth Cleaned Out...~~Bottom~~

WORD OF DRILL-STEM AND SPECIAL TV

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.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19..55  
OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% 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.....235         | T. Devonian.....    | T. Ojo Alamo.....          | <div>CONSERVATION COMMISSION</div> <div>ARTESIA DISTRICT OFFICE</div> <div>No. Copies Received.....</div> <div>DISTRICT.....</div> <div>Operator.....</div> <div>Santa Fe.....</div> <div>Production Office.....</div> <div>State Land Office.....</div> <div>U. S. G. S.....</div> <div>Inspector.....</div> <div>File.....</div> <div>By.....</div> |  |  |
| T. Salt.....320         | T. Silurian.....    | T. Kirtland-Fruitland..... |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| B. Salt.....678         | T. Montoya.....     | T. Farmington.....         |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Yates.....           | T. Simpson.....     | T. Pictured Cliffs.....    |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. 7 Rivers.....        | T. McKee.....       | T. Menefee.....            |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Queen.....           | T. Ellenburger..... | T. Point Lookout.....      |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Grayburg.....        | T. Gr. Wash.....    | T. Mancos.....             |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. San Andres.....      | T. Granite.....     | T. Dakota.....             |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Glorieta.....        | T.....              | T. Morrison.....           |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Drinkard.....        | T.....              | T. Penn.....               |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Tubbs.....           | T.....              | T.....                     |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Abo.....             | T.....              | T.....                     |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Penn.....            | T.....              | T.....                     |                                                                                                                                                                                                                                                                                                                                                       |  |  |
| T. Miss.....            | T.....              | T.....                     |                                                                                                                                                                                                                                                                                                                                                       |  |  |

FORMATION RECORD

| From | To   | Thickness in Feet | Formation       | From | To   | Thickness in Feet | Formation            |
|------|------|-------------------|-----------------|------|------|-------------------|----------------------|
| 0    | 20   | 20                | Caliche         | 1971 | 2020 | 49                | Anhy. & R. Rock      |
| 20   | 115  | 125               | Sand & Gravel   | 2020 | 2045 | 25                | Lime                 |
| 115  | 235  | 90                | Red Bed         | 2045 | 2090 | 45                | Anhy. & R. Rock      |
| 235  | 255  | 20                | Anhy.           | 2090 | 2120 | 30                | R. Rock & Lime Shell |
| 255  | 283  | 28                | Red Bed         | 2120 | 2168 | 48                | Anhy. & R. Rock      |
| 283  | 292  | 9                 | Anhy.           | 2168 | 2202 | 34                | Brown Lime           |
| 292  | 320  | 28                | Red Bed         | 2202 | 2216 | 14                | Lime                 |
| 320  | 500  | 180               | Salt            | 2216 | 2336 | 120               | Gray Lime            |
| 500  | 520  | 20                | Anhy.           | 2336 | 2374 | 38                | Lime                 |
| 520  | 678  | 158               | Salt            | 2374 | 2394 | 20                | Sandy Lime           |
| 678  | 1580 | 902               | Anhy.           | 2394 | 2450 | 56                | Lime                 |
| 1580 | 1860 | 280               | Anhy. & R. Rock | 2450 | 2460 | 10                | Pink Sandy Lime      |
| 1860 | 1895 | 35                | Red Sand        | 2460 | 2635 | 175               | Lime                 |
| 1895 | 1960 | 65                | Anhy. & R. Rock | 2635 | 2713 | 78                | White Lime           |
| 1960 | 1971 | 11                | Gray Lime       | 2713 | 2943 | 30                | Gray Lime            |
|      |      |                   |                 | 2943 | TD   |                   |                      |

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.

*E. R. Holmer*  
3-5-55 (Date)

Company or Operator.....Kincaid & Watson.....Address.....Box 536, Artesia, N. M.  
Name.....Position or Title.....Agent