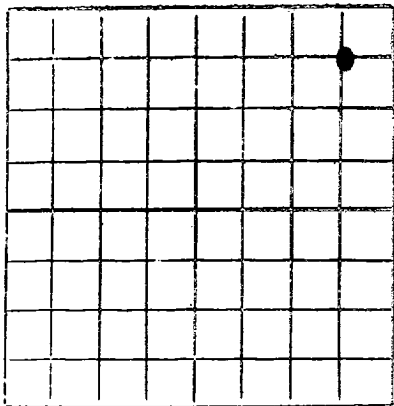




# NEW MEXICO OIL CONSERVATION COMMISSION

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 QUINTUPPLICATE. If State Land submit 6 Copies

**T. F. Vanderlaan**

(Company or Operator)

**Emble State**

(Lease)

Well No. **1**, in **NE**  $\frac{1}{4}$  of **NE**  $\frac{1}{4}$ , of Sec. **4**, T. **26 South**, R. **28 East**, NMPM.

**Wildcat**

Pool,

**Eddy**

County.

Well is **330** feet from **North** line and **330** feet from **East** line

of Section **4**. If State Land the Oil and Gas Lease No. is **E-3067**

Drilling Commenced **November 8**, 19 **56** Drilling was Completed **December 21**, 19 **56**

Name of Drilling Contractor **Aldridge and Strand, Inc.**

Address **P. O. Box 962, Odessa, Texas**

Elevation above sea level at Top of Tubing Head **2960 Rig Floor**

The information given is to be kept confidential until **Not Confidential**, 19

### OIL SANDS OR ZONES

No. 1, from **NONE** 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 <b>260'</b> to <b>270'</b> feet.   | <b>1 Bailer water per hour.</b>   |
| No. 2, from <b>530'</b> to <b>540'</b> feet.   | <b>1 Bailer water per hour.</b>   |
| No. 3, from <b>1266'</b> to <b>1275'</b> feet. | <b>350' water in hole.</b>        |
| No. 3, from <b>2390'</b> to <b>2405'</b> feet. | <b>1 Bailer water per hour.</b>   |
| No. 4, from <b>2425'</b> to <b>2440'</b> feet. | <b>6 Gallons water per hour.</b>  |
| <b>2485'</b> to <b>2502'</b>                   | <b>90 Gallons water per hour.</b> |

### CASING RECORD

| SIZE           | WEIGHT PER FOOT | NEW OR USED | AMOUNT      | KIND OF SHOE  | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|----------------|-----------------|-------------|-------------|---------------|---------------------|--------------|---------|
| <b>10 3/4"</b> | <b>224</b>      | <b>New</b>  | <b>341</b>  | <b>Larkin</b> | <b>341</b>          |              |         |
| <b>7"</b>      | <b>204</b>      | <b>New</b>  | <b>1407</b> | <b>Larkin</b> | <b>1407</b>         |              |         |
|                |                 |             |             |               |                     |              |         |
|                |                 |             |             |               |                     |              |         |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

#### PLUGGING RECORD:

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

**Filled w/cement from TD of 2502' to 2425'.**

**Filled w/mud to 1400'.**

**5 sack cement plug @ 1400'.**

**Filled w/mud to 950'.**

**5 sack cement plug @ 950'.**

**Filled w/mud to 350'.**

**10 sack cement plug @ 350'.**

Result of Production Stimulation **Filled w/mud to bottom of cellar.**

**5 sack cement plug @ bottom of cellar.**

Depth Cleaned Out

# RECORD OF DRILL-STEM AND SPECIAL 1-16

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 2502' Total Depth and from.....feet to.....feet.

## PRODUCTION

Put to Producing Dry and Abandoned 12/22, 19 56.

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 |                     | OIL CONSERVATION COMMISSION |  | Northwestern New Mexico    |  |
|-------------------------|---------------------|-----------------------------|--|----------------------------|--|
| T. Anhy.....            | T. Devonian.....    | ARTESIA DISTRICT            |  | T. Ojo Alamo.....          |  |
| T. Salt.....            | T. Silurian.....    | No. Coles Receiver          |  | T. Kirtland-Fruitland..... |  |
| B. Salt.....            | T. Montoya.....     | COPPERMINE                  |  | 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. State Land.....  |                             |  | T. Morrison.....           |  |
| T. Drinkard.....        | T. U.S. Land.....   |                             |  | T. Penn.....               |  |
| T. Tubbs.....           | T. Transco.....     |                             |  | T. ....                    |  |
| T. Abo.....             | T. ....             |                             |  | T. ....                    |  |
| T. Penn.....            | T. ....             |                             |  | T. ....                    |  |
| T. Miss.....            | T. ....             |                             |  | T. ....                    |  |

## FORMATION RECORD

| From | To  | Thickness<br>in Feet | Formation                | From | To   | Thickness<br>in Feet | Formation          |
|------|-----|----------------------|--------------------------|------|------|----------------------|--------------------|
| 0    | 5   | 5                    | Cellar                   | 481  | 492  | 11                   | Shale and gyp      |
| 5    | 50  | 45                   | Red shale                | 492  | 500  | 8                    | Anhydrite          |
| 50   | 70  | 20                   | Sand and gravel          | 500  | 530  | 30                   | Gravel             |
| 70   | 90  | 20                   | Gravel                   | 530  | 595  | 65                   | Sand               |
| 90   | 100 | 10                   | Lime                     | 595  | 605  | 10                   | Anhydrite          |
| 100  | 128 | 28                   | Red shale                | 605  | 630  | 25                   | Gray lime          |
| 128  | 140 | 12                   | Gray shale               | 630  | 640  | 10                   | Shale              |
| 140  | 165 | 25                   | Sand and gravel          | 640  | 665  | 25                   | Hard sand          |
| 165  | 197 | 32                   | Blue shale               | 665  | 1090 | 425                  | Anhydrite          |
| 197  | 220 | 23                   | Red shale                | 1090 | 1115 | 25                   | Lime               |
| 220  | 240 | 20                   | Red shale and gyp        | 1115 | 1145 | 30                   | Anhydrite          |
| 240  | 260 | 20                   | Red shale                | 1145 | 1175 | 30                   | Anhydrite and lime |
| 260  | 270 | 10                   | Sand and shale           | 1175 | 1310 | 135                  | Lime               |
| 270  | 306 | 36                   | Red shale                | 1310 | 1320 | 10                   | Lime and anhydrite |
| 306  | 323 | 17                   | Lime                     | 1320 | 1410 | 90                   | Lime               |
| 323  | 340 | 17                   | Anhydrite                | 1410 | 1415 | 5                    | Lime and gyp       |
| 340  | 355 | 15                   | Shale and gyp            | 1415 | 1726 | 311                  | Lime               |
| 355  | 385 | 30                   | Anhydrite and gyp        | 1726 | 1880 | 154                  | Salt               |
| 385  | 395 | 10                   | Shale and gyp            | 1880 | 1980 | 100                  | Lime               |
| 395  | 435 | 40                   | Shale gyp potash & anhy. | 1980 | 2218 | 238                  | Salt               |
| 435  | 443 | 8                    | Shale and gyp            | 2218 | 2417 | 199                  | Lime               |
| 443  | 452 | 9                    | Anhydrite                | 2417 | 2440 | 23                   | Black lime         |
| 452  | 460 | 8                    | Shale and gyp            | 2440 | 2463 | 23                   | Lime               |
| 460  | 470 | 10                   | Anhydrite                | 2463 | 2472 | 9                    | Hard delaware sand |
| 470  | 481 | 11                   | Anhydrite and shale      | 2472 | 2502 | 30                   | Soft sand          |

2502 Total Depth.

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.

*T. F. Vanderlaan*

12/28/56

(Date)

Company or Operator T. F. VANDERLAAN

Address Meadows Bldg. Suite 185, Dallas, Texas

Name T. F. Vanderlaan

Position or Title Owner