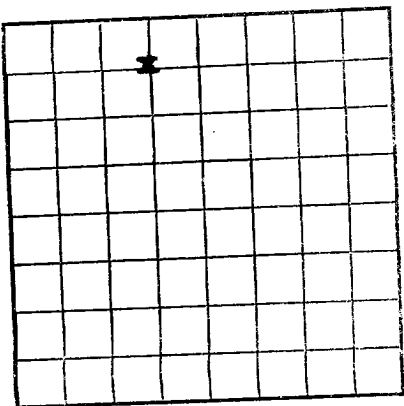


U. S. LAND OFFICE **Santa Fe, N.M.**  
SERIAL NUMBER **LC-065394-B**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY  
Company **T.J. Sivley** Address **Box 458, Artesia, N.M.**  
Lessor or Tract **Union Supply Co. Inc.,** Field **E.K. Leach** State **New Mexico**  
Well No. **Box #3** Sec. **18** T. **18S** R. **34E** Meridian **NMPM** County **Lea**  
Location **330 ft. [XX] of N Line and 2370 ft. [XX] of E Line of Sec. 18** Elevation **4087**  
(Derrick floor relative to sea level)  
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed **[Signature]**  
Title **Operator**  
Date **1/17/56**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **12/2**, 19**55**. Finished drilling **Jan/10**, 19**56**.

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **4418** to **4428** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from **180'** to **200'** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size casing    | Weight per foot | Threads per inch | Make          | Amount       | Kind of shoe | Cut and pulled from | Perforated |     | Purpose        |
|----------------|-----------------|------------------|---------------|--------------|--------------|---------------------|------------|-----|----------------|
|                |                 |                  |               |              |              |                     | From—      | To— |                |
| <b>13-3/8"</b> | <b>40#</b>      | <b>8</b>         | <b>Dayton</b> | <b>240'</b>  | <b>TKL</b>   |                     |            |     | <b>Surface</b> |
| <b>8-5/8"</b>  | <b>24#</b>      | <b>8</b>         | <b>Natl.</b>  | <b>1775'</b> | <b>"</b>     |                     |            |     | <b>Salt</b>    |
|                |                 |                  |               |              |              |                     |            |     |                |
|                |                 |                  |               |              |              |                     |            |     |                |
|                |                 |                  |               |              |              |                     |            |     |                |
|                |                 |                  |               |              |              |                     |            |     |                |
|                |                 |                  |               |              |              |                     |            |     |                |

MUDDING AND CEMENTING RECORD

| Size casing    | Where set    | Number sacks of cement | Method used       | Mud gravity  | Amount of mud used |
|----------------|--------------|------------------------|-------------------|--------------|--------------------|
|                |              |                        |                   |              |                    |
| <b>13-3/8"</b> | <b>244'</b>  | <b>220'</b>            | <b>Denton OAC</b> |              |                    |
| <b>8-5/8"</b>  | <b>1775'</b> | <b>Mudded</b>          | <b>Oil Base</b>   | <b>35-40</b> | <b>Circulated</b>  |
|                |              |                        |                   |              |                    |
|                |              |                        |                   |              |                    |
|                |              |                        |                   |              |                    |
|                |              |                        |                   |              |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from **0** feet to **1775** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **1775** feet to **4450** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was **None** barrels of fluid of which **0** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Lapsley**, Driller **Gerentz**, Driller  
**Halters**, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                                                                                                                                           |
|-------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>0</b>    | <b>15</b>   | <b>15</b>  | <b>Caliche Rock</b>                                                                                                                                 |
| <b>15</b>   | <b>40</b>   | <b>25</b>  | <b>Caliche &amp; Red Rock</b>                                                                                                                       |
| <b>40</b>   | <b>240</b>  | <b>200</b> | <b>Red beds &amp; Red Rock</b>                                                                                                                      |
| <b>240</b>  | <b>300</b>  | <b>660</b> | <b>Red Beds and sand</b>                                                                                                                            |
| <b>300</b>  | <b>1760</b> | <b>860</b> | <b>Red Rock</b>                                                                                                                                     |
| <b>1760</b> | <b>1910</b> | <b>150</b> | <b>Anhydrite</b>                                                                                                                                    |
| <b>1910</b> | <b>2140</b> | <b>230</b> | <b>Anhydrite and salt</b>                                                                                                                           |
| <b>2140</b> | <b>3040</b> | <b>900</b> | <b>Salt</b>                                                                                                                                         |
| <b>3040</b> | <b>3615</b> | <b>575</b> | <b>Anhydrite</b>                                                                                                                                    |
| <b>3615</b> | <b>3625</b> | <b>10</b>  | <b>Sand</b>                                                                                                                                         |
| <b>3625</b> | <b>4075</b> | <b>450</b> | <b>Anhydrite</b>                                                                                                                                    |
| <b>4075</b> | <b>4095</b> | <b>20</b>  | <b>Anhydrite &amp; Lime</b>                                                                                                                         |
| <b>4095</b> | <b>4300</b> | <b>293</b> | <b>Anhydrite</b>                                                                                                                                    |
| <b>4300</b> | <b>4450</b> | <b>62</b>  | <b>Red Sand.</b>                                                                                                                                    |
|             |             |            | <b>Slight show of dead oil at 4418 to 4428'. Tested over-night, no free oil. Washed zone with 3 bbls of M acid. Tested over-night, no free oil.</b> |
|             |             |            | <b>Top of Queen 4380'.</b>                                                                                                                          |
|             |             |            | <b>Plugging to Abandon</b>                                                                                                                          |

