

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **078384**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

Sec. 9

0

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **1001 Burt Building**  
Lessor or Tract **Newsom** Field **Wildcat** State **New Mexico**  
Well No. **1-B** Sec. **9** T. **26N** R. **8W** Meridian **N.M.P.M.** County **San Juan**  
Location **1825** ft. **[N.]** of **S** Line and **1700** ft. **[W.]** of **E** Line of **Section 9** Elevation **6462'**  
(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 \_\_\_\_\_

Date **February 2, 1955** Title **Manager, Exploration Department**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **January 15**, 19 **55** Finished drilling **January 22**, 19 **55**

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

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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>9 5/8"</b> | <b>36#</b>      |                  | <b>H-40</b> | <b>99.96'</b> |              |                     |            |     | <b>surface production</b> |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |
|               |                 |                  |             |               |              |                     |            |     |                           |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set      | Number sacks of cement | Method used        | Mud gravity   | Amount of mud used |
|---------------|----------------|------------------------|--------------------|---------------|--------------------|
| <b>9 5/8"</b> | <b>108.96'</b> | <b>125</b>             | <b>Halliburton</b> | <b>Oil C.</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 |
|--------------------------------|------------|----------------|----------|------|------------|-------------------|
| <b>Plugged &amp; Abandoned</b> |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |
|                                |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from **-0-** feet to **2392'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**January 22**, 19 **55** Put to producing \_\_\_\_\_, 19 \_\_\_\_\_  
The production for the first 24 hours was **none** barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours **none** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **none**

EMPLOYEES

**Benson-Montin-Greer Drilling Co.**, Driller **E. F. Kentro**, Driller  
**H. B. Baker**, Driller **A. L. Lawson**, Driller

FORMATION RECORD

| FROM—                                                                                                                                               | TO—          | TOTAL FEET   | FORMATION               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-------------------------|
| <b>0</b>                                                                                                                                            | <b>1876'</b> | <b>1876'</b> | <b>Sand &amp; Shale</b> |
| <b>1876'</b>                                                                                                                                        | <b>2007'</b> | <b>131"</b>  | <b>Shale</b>            |
| <b>2007'</b>                                                                                                                                        | <b>2187'</b> | <b>187'</b>  | <b>Shale coal</b>       |
| <b>2187'</b>                                                                                                                                        | <b>2392'</b> | <b>205'</b>  | <b>Sand &amp; Shale</b> |
| TOPS:                                                                                                                                               |              |              |                         |
| <b>Pictured Cliffs</b>                                                                                                                              | <b>2280'</b> |              |                         |
| <b>Lewis Shale</b>                                                                                                                                  | <b>2380'</b> |              |                         |
| Note: Our intent is to plug well with 125 sacks of cement and set plugs from 2200' to 2350', 1150' to 1300' with a 5' plug in top of 9 5/8" Casing. |              |              |                         |

