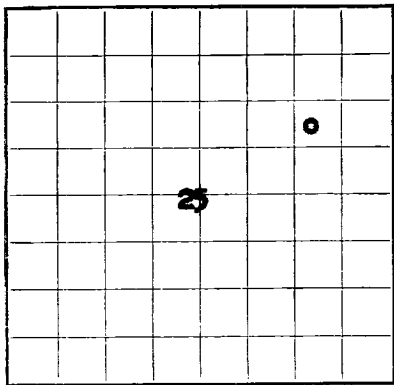




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER ST 078425  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas  
Lessor or Tract San Juan 29-7 Unit Field Blanco MV State New Mexico  
Well No. 69 Sec. 25 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba  
Location 1535 ft. N of N Line and 930 ft. E of E Line of Section 25 Elevation 6755  
(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 A. M. Wiederkehr  
Date September 10, 1958 Title Mgr., Exploration Dept.

The summary on this page is for the condition of the well at above date.

Commenced drilling 5-30, 19 58 Finished drilling 6-10, 19 58

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5764 to 5860 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5339 to 5578 (G) 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— |                           |
| <u>10-3/4</u> | <u>32.75</u>    | <u>8RD</u>       | <u>H-40</u> | <u>187.29'</u>  |              |                     |            |     | <u>Surface Production</u> |
| <u>7-5/8</u>  | <u>26.44</u>    | <u>8RD</u>       | <u>J-55</u> | <u>3790'</u>    |              |                     |            |     |                           |
| <u>5-1/2</u>  | <u>13.54</u>    | <u>8RD</u>       | <u>J-55</u> | <u>5496.57'</u> |              |                     |            |     |                           |
|               |                 |                  |             |                 |              |                     |            |     |                           |
|               |                 |                  |             |                 |              |                     |            |     |                           |
|               |                 |                  |             |                 |              |                     |            |     |                           |
|               |                 |                  |             |                 |              |                     |            |     |                           |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set             | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|---------------|-----------------------|------------------------|--------------------|-------------|--------------------|
| <u>10-3/4</u> | <u>200.29'</u>        | <u>225</u>             | <u>Halliburton</u> |             |                    |
| <u>7-5/8</u>  | <u>3787' KB</u>       | <u>200</u>             | <u>Halliburton</u> |             |                    |
| <u>5-1/2</u>  | <u>3486.93-5983.5</u> | <u>260</u>             | <u>Halliburton</u> |             |                    |
| <u>2"</u>     | <u>5935'</u>          |                        |                    |             |                    |

## 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| <u>Perf. 5860-5764 fraced with 68,890 gals. water, 100,000# sand, dropped 160 rubber balls, IR 42.7 BPM. Perf. 5570-78, 5550-62, 5532-40, 5466-80, 5339-5423 fraced with 100,000 gals. water, 100,000# sand, IR 53.4 BPM.</u> |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3785 w/mud feet, and from 3785 feet to 5985 v/gas feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_ 6-15, 19 58 Put to producing \_\_\_\_\_, 19 \_\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

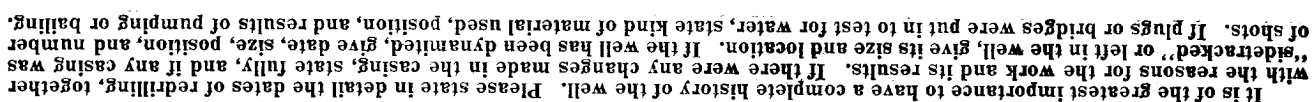
If gas well, cu. ft. per 24 hours 11,648 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1038/15 Days

## EMPLOYEES

Fleeger Drilling, Inc., Driller J. M. Murphy, Driller  
M. W. McDonald, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—                                                                | TO—            | TOTAL FEET  | FORMATION                             |
|----------------------------------------------------------------------|----------------|-------------|---------------------------------------|
| <u>0</u>                                                             | <u>210</u>     | <u>210</u>  | <u>Shale &amp; sand rock</u>          |
| <u>210</u>                                                           | <u>383</u>     | <u>173</u>  | <u>Sand</u>                           |
| <u>383</u>                                                           | <u>799</u>     | <u>416</u>  | <u>Shale &amp; rock</u>               |
| <u>799</u>                                                           | <u>1735</u>    | <u>936</u>  | <u>Sand &amp; shale</u>               |
| <u>1735</u>                                                          | <u>1815</u>    | <u>80</u>   | <u>Shale</u>                          |
| <u>1815</u>                                                          | <u>2085</u>    | <u>270</u>  | <u>Sand &amp; shale</u>               |
| <u>2085</u>                                                          | <u>2245</u>    | <u>160</u>  | <u>Shale</u>                          |
| <u>2245</u>                                                          | <u>3220</u>    | <u>975</u>  | <u>Sand &amp; shale</u>               |
| <u>3220</u>                                                          | <u>3304</u>    | <u>84</u>   | <u>Shale</u>                          |
| <u>3304</u>                                                          | <u>3785</u>    | <u>481</u>  | <u>Sand &amp; shale</u>               |
| <u>3785</u>                                                          | <u>3900</u>    | <u>205</u>  | <u>Shale</u>                          |
| <u>3900</u>                                                          | <u>5183</u>    | <u>1283</u> | <u>Sand &amp; shale</u>               |
| <u>5183</u>                                                          | <u>5683</u>    | <u>500</u>  | <u>Sand, shale &amp; coal streaks</u> |
| <u>5683</u>                                                          | <u>5985 TD</u> | <u>202</u>  | <u>Sand &amp; shale</u>               |
| TOPS: Pictured Cliffs 3570<br>Cliff House 5338<br>Point Lookout 5762 |                |             |                                       |



## HISTORY OF OIL OR GAS WELL

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[illegible]