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AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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 QUINTUPLICATE.

Southern Union Gas Company

(Company or Operator)

Hoxsey-State

(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 16, T. 29 N, R. 7W, NMPM.Blanco-LaPlata Pool, Rio Arriba County.Well is 990 feet from North line and 990 feet from East lineof Section..... If State Land the Oil and Gas Lease No. is B-10037-40Drilling Commenced April 27, 1952, 19..... Drilling was Completed October 9, 1952, 19.....Name of Drilling Contractor Flaeger-Riley Drilling Company (rotary) & Well, Inc. (Drilling-In)Address Odessa, Texas, and Farmington, N. M., respectivelyElevation above sea level at Top of Tubing Head 6276' The information given is to be kept confidential until....., 19.....

## OIL SANDS OR ZONES

No. 1, from 4793 to 5635 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.....to..... feet.

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

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

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

## CASING RECORD

| SIZE               | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE            |
|--------------------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------------|
| 10-3/4             | 40.5            | New         | 197'   |              |                     |              | Surface Production |
| 7"                 | 20#             | "           | 4702   |              |                     |              |                    |
| 2-3/8" tubing 4.7# |                 | "           | 5431'  |              |                     |              |                    |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10-3/8       | 10-3/4         | 197       | 125                 | Halliburton |             |                    |
| 9-3/8        | 7"             | 4670      | 225                 | "           |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Well was shot with 2000 quarts of nitro glycerine from 4725' to T.D. of 5658'

Result of Production Stimulation Well would not test before shot. Tested 2810 MCF after shotTotal depth 5658 Depth Cleaned Out 5658

# RECORD OF DRILL-STEM AND SPECIAL TESTS

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 0 feet to 4670 feet, and from feet to feet.  
Cable tools were used from 4870 feet to 5658 feet, and from feet to feet.

## PRODUCTION

Put to Producing October 31, 1952, 19.

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 2830 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 1082 lbs.

Length of Time Shut in 96 hrs

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

|                |                 |                          |
|----------------|-----------------|--------------------------|
| T. Anhy.       | T. Devonian.    | T. Ojo Alamo.            |
| T. Salt.       | T. Silurian.    | T. Kirtland-Fruitland.   |
| B. Salt.       | T. Montoya.     | T. Farmington.           |
| T. Yates.      | T. Simpson.     | T. Pictured Cliffs. 3085 |
| T. 7 Rivers.   | T. McKee.       | T. Menefee.              |
| T. Queen.      | T. Ellenburger. | T. Point Lookout. 5212   |
| 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. Cliff House 4793      |
| 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                           | 40   | 40                   | Surface sand & rock |                 |    |                      |           |
| 40                          | 4670 | 4630                 | Sand and shale      |                 |    |                      |           |
| 4670                        | 4789 | 119                  | Shale               |                 |    |                      |           |
| 4789                        | 4850 | 61                   | Sand and shale      |                 |    |                      |           |
| 4850                        | 4894 | 44                   | Shale               |                 |    |                      |           |
| 4894                        | 5134 | 240                  | Hard sandy shale    |                 |    |                      |           |
| 5134                        | 5397 | 263                  | Wet shale           |                 |    |                      |           |
| 5397                        | 5498 | 101                  | Shale and sand      |                 |    |                      |           |
| 5498                        | 5658 | 160                  | Shale               |                 |    |                      |           |
| OIL CONSERVATION COMMISSION |      |                      |                     |                 |    |                      |           |
| AZTEC DISTRICT OFFICE       |      |                      |                     |                 |    |                      |           |
| No. Copies Received         |      |                      |                     |                 |    |                      |           |
| DISTRIBUTION                |      |                      |                     |                 |    |                      |           |
|                             |      |                      |                     | NO<br>FURNISHED |    |                      |           |
| Operator                    |      |                      |                     |                 |    |                      |           |
| Santa Fe                    |      |                      |                     |                 |    |                      |           |
| Proration Office            |      |                      |                     |                 |    |                      |           |
| State Land Office           |      |                      |                     |                 |    |                      |           |
| U. S. G. S.                 |      |                      |                     |                 |    |                      |           |
| Transporter                 |      |                      |                     |                 |    |                      |           |
| File                        |      |                      |                     |                 |    |                      |           |

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.

December 1, 1952

(Date)

Company or Operator Southern Union Gas Company

Address Burt Bldg., Dallas, Texas

Name Van Thompson

Position or Title Manager Exploration Dept.