

U. S. LAND OFFICE **Ute Mountain**  
**Tribal Contract**  
 SERIAL NUMBER **14-20-604-82**  
 LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Bart Bldg., Dallas, Texas  
 Lessor or Tract Ute Indian Field Verde Gallup State New Mexico  
 Well No. 3-20 Sec. 20 T. 31N R. 14W Meridian N.M.P.M. County San Juan  
 Location 530 ft. <sup>DX</sup> S. of N Line and 2076 ft. <sup>E</sup> W. of W Line of Section 20 Elevation 5689'  
 (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 Paul J. Cloe  
 Date June 9, 1959  
 Title Mgr., Drilling and Production

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

Commenced drilling April 22, 1959 Finished drilling May 23, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 2626 to 2728 (9) 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

[illegible]

### MUDDING AND CEMENTING RECORD

| Size casting | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-----------|------------------------|-------------|-------------|--------------------|
| 3-3/8        | 71 RCB    | 70                     | Balliburton |             |                    |
| 5-1/2        | 2788 RCB  | 175                    | Balliburton |             |                    |
| 2"           | 2744      |                        |             |             |                    |

## 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 |
|------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Perf. 200-410", fused w/22 balls oil, 30,000# sand and 30 rubber balls |            |                |          |      |            |                   |
|                                                                        |            |                |          |      |            | IR - 42.4 BPM     |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## 25 DATES

-----, 19----- Put to producing -----, 19-----

The production for the first 24 hours was ~~1000~~ \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%

emulsion; \_\_\_\_\_% water; \_\_\_\_\_% oil; \_\_\_\_\_% pigment. \_\_\_\_\_ stroke at 16 G. \_\_\_\_\_, °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

## EMPLOYEES

\_\_\_\_\_, Driller

-----, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION      |
|-------|------|------------|----------------|
| 0-    | 20   | 20         | Sand and clay  |
| 20    | 125  | 105        | Shale          |
| 125   | 175  | 50         | Sand and shale |
| 175   | 345  | 170        | Shale          |
| 345   | 370  | 26         | Sand           |
| 370   | 380  | 10         | Shale          |
| 380   | 385  | 5          | Sand           |
| 385   | 465  | 80         | Shale          |
| 465   | 485  | 20         | Sand           |
| 485   | 585  | 40         | Shale          |
| 585   | 625  | 15         | Sand           |
| 625   | 695  | 70         | Shale and sand |
| 695   | 735  | 40         | Sand           |
| 735   | 750  | 15         | Sand           |
| 750   | 755  | 5          | Sand and shale |
| 755   | 785  | 30         | Sand           |
| 785   | 815  | 30         | Sand           |
| 815   | 845  | 30         | Sand           |
| 845   | 870  | 25         | Sand           |
| 870   | 885  | 15         | Sand           |
| 885   | 905  | 20         | Sand           |
| 905   | 920  | 15         | Sand           |
| 920   | 935  | 15         | Sand           |
| 935   | 950  | 15         | Sand           |
| 950   | 965  | 15         | Sand           |
| 965   | 980  | 15         | Sand           |
| 980   | 995  | 15         | Sand           |
| 995   | 1000 | 5          | Sand           |

TOPS: Point Lookout 960'  
Mancos 1350'  
Gallup 2617'

Y 523:200-1/534-400

which needs to flow out to reach too hot and hot & dry & it no longer has it

RECEIVED  
JUN 10 1964

U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

OFFICE OF THE SECRETARY  
WASHINGTON, D.C.

MEMORANDUM FOR THE SECRETARY  
SUBJECT: [Illegible]

[Illegible text follows]

CHOCIES TOWNSHIP

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its date and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]