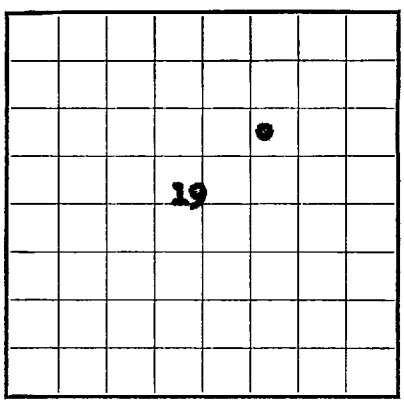
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078063
LEASE OR PERMIT TO PROSPECT




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 Bldg., Dallas, Texas
Lessor or Tract Cozza Field Blanco MV State New Mexico
Well No. 2 Sec. 19 T. 31N R. 12W Meridian N.M.P.M. County San Juan
Location 1750 ft. {N. / S.} of N Line and 1585 ft. {E. / W.} of W Line of Section 19 Elevation 5970
(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 L. S. Mussink
Date August 14, 1958 Title Exploration Engineer

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

Commenced drilling 5-12-, 1958 Finished drilling 6-25-, 1958

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4670 to 4875 (G) No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

RECEIVED AUG 19 1958 OIL CON. COM. DIST. 3

## 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4 | 32.75# | 8RD | H-40 | 217' | | | | | Surface Production |
| 7 | 20# | 8RD | J-55 | [illegible] | | | | | |
| 5 | 15# | 8RD | J-55 | [illegible] | | | | | |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10-3/4 | 222.50 KB | 200 | Halliburton | | |
| 7" | 5278 KB | 205 | Halliburton | | |
| 5" | 5040-6253 | 125 | Halliburton | | |
| 2" | 4895 | | | | |

## 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 |
|---|---|---|---|---|---|---|
| | | See: History of Oil or Gas Well | | | | |

## TOOLS USED

Rotary tools were used from -0- feet to 6946 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

## DATES

7-1-, 1958 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 1161 MCF Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1085#/7 days

## EMPLOYEES

Huron Drilling Company, Driller C. E. Phillips, Driller
H. L. Pickett, Driller , Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| -0- | 195 | 195 | Sand & Rock |
| 195 | 230 | 35 | Rock & shale |
| 230 | 6901 | 6671 | Sand & shale |
| 6901 | 6904 | 3 | Sand |
| 6904 | 6908 | 4 | Sand & shale |
| 6908 | 6916 | 8 | Sand |
| 6916 | 6940 | 24 | Sand & shale |
| 6940 | 6946 TD | 6 | Sand |
| | PBTD 4996 | | |

TOPS: Pictured Cliffs 2210
Cliff House 3880
Point Lookout 4670
Gallup 5968

FOLD | MARK

[OVER]

16—43094-4

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

## HISTORY OF OIL OR GAS WELL

**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 size and location. If the well has been dynamited, give date, size, 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.**

Perf. 6138-6188, 6108-6116, 6056-6068, 6016-6040, swabbed well, recovered drilling mud, no show of gas or oil.

Perf. 6230-40, 6218-22, 6150-82, 5960-80 - Frazed with 11,800 gals. water, 21,000# sand, dropped 100 rubber balls, IR 50 BPM.

Perf. 4865-75, 4790-4805, 4670-4770 - Frazed with 21,000 gals. water, 100,000# sand, dropped 506 rubber balls, IR 53 BPM.

Squeezed Gallup perfs. with 50 sacks cement, set Bridge Plug 5036 with 40 sacks cement on top of Plug. PBTD 4996'.