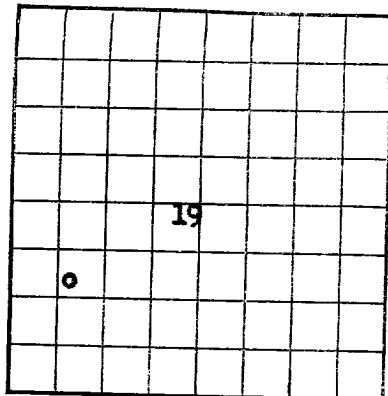
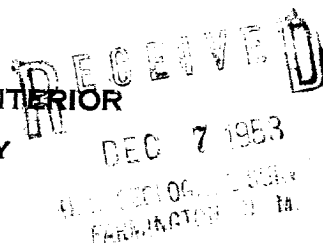




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078511**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **Burt Building, Dallas 1, Texas**
Lessor or Tract **Quinn** Field **Blanco** State **New Mexico**
Well No. **2** Sec. **19** T. **31N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **1750** ft. ^{N.}_{S.} of **S** Line and **850** ft. ^{E.}_{W.} of **W** Line of Section **19** Elevation **6037** DF.
(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 **Van Thompson**Date **December 4, 1953** Title **Manager Exploration**

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

Commenced drilling **September 22, 1953** 19 Finished drilling **November 12, 1953**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5106 G** to **4221** 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—	
9-5/8	40#		J55	213					Surface Production
72 60	20#		"	4609					
2-3/8"	4.7# tubing		"	5162 - landed at 5174					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	213	125			
7"	4656	300			

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
		Nitro glycerine	1710 G	11/10/53	5302-4732	5325'

TOOLS USED

Rotary tools were used from **0** feet to **4661** feet, and from _____ feet to _____ feetCable tools were used from **4661** feet to **5325** feet, and from _____ feet to _____ feet

DATES

November 11, 1953, 19 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 **5057 MCF/3hr** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1065#, SI 384 hours**

EMPLOYEES

Fleege-Riley Drilling Co. Rotary Driller **Company tools drilled in -** Driller**J. M. Murphy**, Driller **W. H. Fortiner**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	240	240	Surface sand
240	3830	3590	Sand and shale
3830	4457	627	Shale
4457	4473	16	Sand and shale
4473	4661	188	Shale
4661	4760	9	Sand
4670	4695	25	Sand and shale
4695	4790	95	Sand
4790	4955	165	Sand and shale
4955	5095	140	Sand, shale and coal
5095	5230	135	Sand and shale
5230	5250	20	Sand
5250	5325	75	Sand and shale
Top Pictured Cliffs 2872 - 1st.			
Cliff House 4730 - Pay			
Mensfee 4812			
Point Lookout 5106 - Pay			
Mancos 5221'			

(OVER)

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

1-56027-92

U. S. GOVERNMENT PRINTING OFFICE