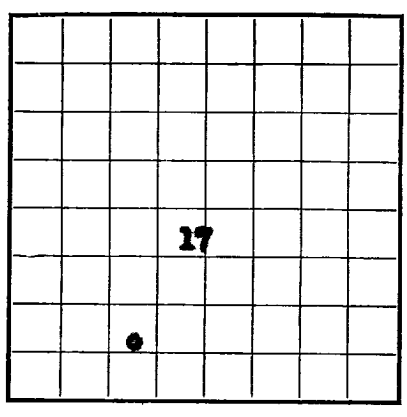
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe 078511
SERIAL NUMBER
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 Burt Bldg., Dallas 1, Texas
Lessor or Tract Quinn Field Blanco State New Mexico
Well No. 3 Sec. 17 T. 31N R. 6W Meridian N.M.P.M. County San Juan
Location 990 ft. {N. / S.} of S Line and 1650 ft. {E. / W.} of W Line of Section 17 Elevation 6543 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 January 5, 1954 Title Exploration Dept. Mgr.

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

Commenced drilling October 23, 1953, 19 Finished drilling December 4, 1953, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5300 G to 5860 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 From—	Perforated To—	Purpose
9-5/8"	36#		H40	226'					Surface
7"									
2-3/8"	4.7# tubing		"						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	226'	125 sacks	Halliburton		
7"	5209'	200 "	"		
	Squeezed with 200 sacks @ 3500# pressure.				

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	1680 Q	12/4/53	5860-5380	5860'

Well tested 76 MCF natural

TOOLS USED

Rotary tools were used from 0 feet to 5220 feet, and from feet to feet
Cable tools were used from 5220 feet to 5860 feet, and from feet to feet

DATES

December 4, 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2720 MCF/3hr. 1066#, SI 48 hours

Ploeger-Riley Drilling Co. , Driller — Rotary Contractor — J. K. Murphy, Driller
Company rig drilled in W. H. Vortner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	359	359	Sand and shale
359	510	151	Sand and shells
510	880	370	Shale
880	3720	2840	Sand and shale
3720	3960	240	Shale
3960	4065	105	Sand
4065	4440	375	Sand and shale
4440	4493	53	Shale
4493	4600	107	Sand and shale
4600	5220	620	Shale
5220	5320	100	Sand
5320	5385	65	Hard sand
5385	5435	50	Sand
5435	5500	65	Sand and shale
5500	5565	65	Sand
5564	5815	260	Sand and shale
5815	5830	15	Hard sand
5830	5860 TD	30	Sand

Top of Pictured Cliffs 3430'
" of Cliff House 5300'
Top of Menefee 5374'
Top Of Point Lookout 5673'
Top of Mancos 5784'

[OVER]

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

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