

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 02908
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 18 1952
U. S. GEOLOGICAL SURVEY
FARMINGTON, U. S.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas
Lessor or Tract Whitley Field West Rats Canyon State New Mexico
Well No. 1-A Sec. 17 T. 27-N R. 11-W Meridian N.M.P.M. County San Juan
Location 990 ft. ^[N.] of N Line and 1650 ft. ^[E.] of W Line of Section 17 Elevation 6159 ^[M.]

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
Title Manager, Exploration

Date **June 16, 1952**

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

Commenced drilling May 5, 1952 Finished drilling June 1, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1860 to 1938 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. 2, from _____ to _____

No. 3, 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—	
10-3/4"	40.5		H-40	84'					Surface Production
5-1/2"	18		H-40	1800'					
2"		20 threads per inch	H-40	1800'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	84	50 sacks	Halliburton		
5-1/2"	1863	100 sacks	Halliburton		

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	187 qts.	5/26	1868-1938	1938

TOOLS USED

Rotary tools were used from 0 feet to 1895 feet, and from _____ feet to _____ feet
Cable tools were used from 1895 feet to 1938 feet, and from _____ feet to _____ feet

4950 DATES

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 116 mcf Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~4528~~-----

EMPLOYEES

~~Dezman Drilling Company - Driller Rotary~~, Driller

~~Petroleum Products Refining & Reducing Company - Cable~~, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	94	94	Sand
94	550	456	Sand
550	1895	1345	Sand & shale
1895	1926	21	Sand
1926	1938	12	Sand & shale
<u>Geological Tons</u>			
Pictured Cliffs 1860'			

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 the results. If there were any changes made in the casing, state fully, and if any casing was "backtracked" 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

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