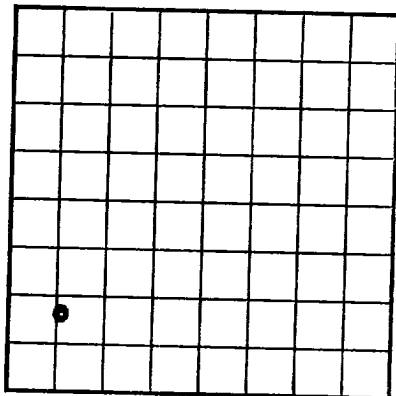
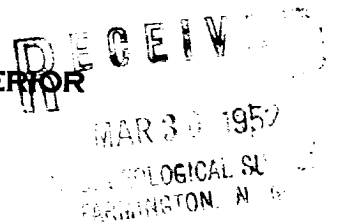


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078244
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL - DRY HOLE

Company Southern Union Gas Company Address Burt Bldg., Dallas 1, Texas
Lessor or Tract Taliaferro Field Wildcat State New Mexico
Well No 1 Sec 20 T 31N R 12W Meridian N.M.P.M. County San Juan
Location 990 ft. N. of S Line and 4410 ft. SE. of E Line of Section 20 Elevation 6073
(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 ThompsonDate March 25, 1953 Title Manager Exploration Dept.

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

Commenced drilling January 11, 1953, 19____ Finished drilling February 3, 1953, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
8-5/8	32#		J-55	93.08					Surface
5-1/2	25.5		J-55	2432'		1181.47' salvaged			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	97'	125	Halliburton		
5-1/2	2410'	50			

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
		110 Q Nitro		1/31	2520-2440	2520'

TOOLS USED

Rotary tools were used from 0 feet to 2439 feet, and from _____ feet to _____ feet
Cable tools were used from 2439 feet to 2520 feet, and from _____ feet to _____ feet

DATES

February 3, 1953, 19____ Put to producing DEA, 19____The production for the first 24 hours was 0 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours 0 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 0

EMPLOYEES

National Drilling Company - Rotary Driller C. V. Ulrich, Driller
Southern Union drilled in _____, Driller Mike Grawley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	120	110	Surface
110	173	63	Gravel, shale and sand
173	329	156	Shale
329	767	438	Sand and shale
767	1385	618	Shale
1385	2520 TD	1136	Sand and shale - TOP PICTURED CLIFFS - 2416'

Plugging Data

Set Cement plug at 2520-2312'; Cement plug at 1440-1200', cemented surface pipe and marker. Entire hole filled with 12# mud between plugs.

[illegible]

FOOTNOTES AND REFERENCES

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the investigation. The investigator must identify the problem and the scope of the investigation. The investigator must also identify the objectives of the investigation and the methods to be used. The investigator must also identify the resources available for the investigation.

CONFIDENTIAL

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 "jacketed," or left in the well, give its size 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

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[illegible]