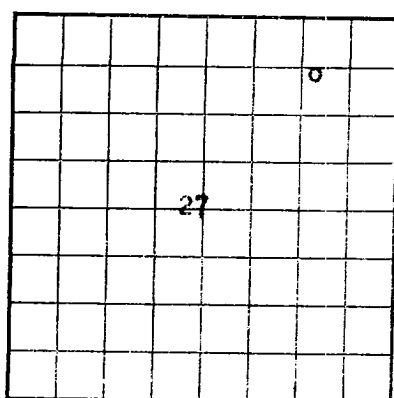




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 680517
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Hurt Building, Dallas, Texas
Lessor or Tract Payne Field Flanco State New Mexico
Well No. 5 Sec. 27 T. 32 R. 10 Meridian N.M.P.M. County San Juan
Location 923 ft. (N.) of N. Line and 954 ft. (E.) of E. Line of Section 27 Elevation 6912'
(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 A. M. WIEDERKEHR
Original Signed By A. M. Wiederkehr
Title Manager Exploration Dept.

Date 6-21-54

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

Commenced drilling 3-20-54, 1954 Finished drilling 5-6-54, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5612 to 6252 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--	
13-3/8"	43#		H 40	86'					surface
10-3/4"	32.75#		H 40	414'					Production
7"	20#		J-55	5636'					
2-3/8"	4.70#		J-55	6228'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	35'	C.L. 20	Halliburton		
10-3/4"	411'	C.L. 300	"		
7"	5612'	C.L. 250	"		
2-3/8"	6207'				

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
5612' to 5631'	7000	gals. oil and 1000# sand				6252' TD
5994' to 6252'	10,000	gals. oil and 5000# sand				

TOOLS USED

Rotary tools were used from 0 feet to 5612' feet, and from _____ feet to _____ feet
Cable tools were used from 5612' feet to 6206' feet, and from _____ feet to _____ feet

DATES

5-6-54 Put to producing _____, 1954
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 3067.7 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1041# 5.1# /days

EMPLOYEES

John Feeling _____, Driller J. C. Clanton _____, Driller
Charles L. Calden _____, Driller Dalton Hille _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	63	63	Folders
63	3402	3334	sand and shale
3402	3530	128	sand, shale, and coal
3530	5403	1973	sand and shale
5403	5414	11	hard sand and shale
5414	5451	37	sand
5451	5607	156	sand and shale
5607	5612	5	sand and shale
5612	6252 TD	640	sand
Tops:			
Pictured Cliffs		3717'	
Cliff House		5533'	
Point Lockout		5992'	

(OVER)



RECEIVED

have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons therefor. If there were any changes made in the casing, state fully, and if any casing was replaced, state the date, size, position, and number. If the well has been grouted, give date, size, position, and number. State the material used, position, and results of pumping or bailing. In the case of a water well, state kind of material used, position, and results of pumping or bailing. In the case of an oil well, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48004-1

It is of the greatest importance with the reasons for the work and "sidetracked" or left in the well, & of shots. If plugs or bridges were

FORMATION RECORD-Continued

FORMATION

LEAF TLOG

[illegible]

—WOM—