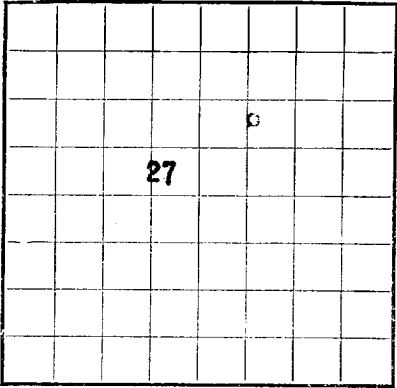


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078432
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Furt Building
Lessor or Tract Rodges Field Wildcat State New Mexico
Well No. 4 Sec. 27 T. 26N R. 8W Meridian N.W.P.M. County San Juan
Location 1770 ft. XX of H Line and 1770 ft. XX of E Line of Section 27 Elevation 6379'
(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 [Signature]
Date January 27, 1955 Title Manager, Exploration Dept.

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

Commenced drilling December 5, 1954 Finished drilling December 10, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2617' to 2710' G 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"	36#		H-40	97.24'					surface
5 1/2"	15.50#		A-59	2617.48'					production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	106' GL	100	Halliburton		
5 1/2"	2617' GL	150	Halliburton		
1"	2615'				

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

TOOLS USED

Rotary tools were used from -0- feet to 2739' 2 1/2' feet, and from _____ feet to _____ feet
Cable tools were used from cleaning out feet to _____ feet, and from _____ feet to _____ feet

DATES

December 13, 1954, 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 572.97 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 6364 S.I. 17 days

EMPLOYEES

Benson-Montin-Greer Drilling Co. Driller J. A. Greene, Driller
A. Y. Old, Driller Elmer Sanders, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	210'	210'	Sand & Shale
210'	995'	785'	Shale
995'	2384'	1389'	Shale & Sand
2384'	2645'	261'	Sandy Shale
2645'	2737'	92'	Shale & Sand
TOPS:			
Pictured Cliff	2590'		
Lewis Shale	2710'		

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

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