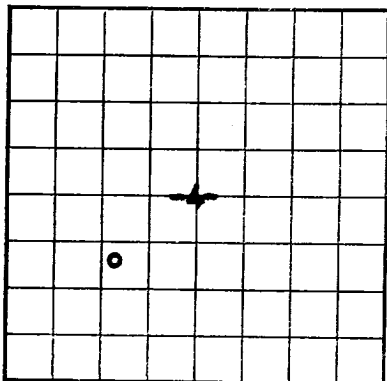




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078487

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SOUTHERN UNION GAS COMPANY Address Burt Building, Dallas 1, Texas
Lessor or Tract Hill Field Blanco State New Mexico
Well No. 1 Sec. 4 T 29N R. 8W Meridian N.M.P.M. County San Juan
Location 1650 ft. ^[N.] of S. Line and 1650 ft. ^[E.] of W. Line of Section 4 Elevation 6439
(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 Vaw ThompsonDate March 25, 1953Title Manager Exploration Dept.

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

Commenced drilling January 20, 1953, 19____ Finished drilling March 3, 1953, 19____

~~OTHER~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4820 to 5450 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#		J-55	176.75					Surface
9-5/8	36#		H-40	28.40					"
7"	20#		J-55	4746.59					Production
2-3/8	4.7		J-55	5450'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	215	150	Halliburton		
7"	4720	225	"		
2-3/8"	5450 tubing				

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
		Nitroglycerine	2040 G	3/1	4780-5599	5604

TOOLS USED

Rotary tools were used from 0 feet to 4720 feet, and from _____ feet to _____ feet
Cable tools were used from 4720 feet to 5604 feet, and from _____ feet to _____ feet

DATES

March 3, 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 3850 MCF/ 6 hr. thru tubing Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1000# SI 240 hrs.

EMPLOYEES

Gardner Bros. Drilling Co. Rotary Driller J. T. Morris, Driller
Southern Union Gas Co. drilled, Driller J. F. Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	90	Surface
190	920	730	Shale
920	2099	1179	Sand and shale
2099	2175	76	Shale
2175	3005	830	Sand and shale
3005	3115	110	Sand, shale and coal
3115	4225	1110	Sand and shale
4225	4345	120	Shale
4345	4720	375	Sand and shale
4720	4935	215	Sand
4935	4945	10	Brown shale
4945	4950	5	Sand
4950	5580	630	Sand and shale
5580	5604 TD	24	Shale
Tops:			
Pictured Cliffs	3097		
Cliff House	4820		
Point Lookout	5309		
Mancos	5450		

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

U. S. GOVERNMENT PRINTING OFFICE

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