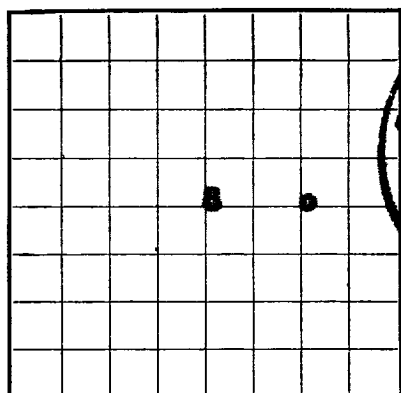


U. S. LAND OFFICE State 30
SERIAL NUMBER 27 - 97320
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY



UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY AUG 24 1959

GEOLOGICAL SURVEY
CARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1002 Bart Building, Dallas, Texas
Lessor or Tract Grant Field Blanco Mountains State New Mexico
Well No. 3 Sec. 8 T. 31N R. 8E Meridian N.M.P.M. County San Juan
Location 1070 ft. N. of 2 Line and 990 ft. W. of 2 Line of Section 8 Elevation 6600
(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 Paul J. Clote
Paul J. Clote, Manager
Title Drilling and Production

Date August 20, 1959

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

Commenced drilling July 17, 19 59 Finished drilling August 2, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1st stage to 6090' (G) No. 4, from 5472' to 5792' (G)
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—	
10-3/4	207	13	175	207	Ball-Burton				
7-5/8	133	13	200	200	Ball-Burton				
5-1/2	61.4	(liner)	275	275	Ball-Burton	Top of liner 3505' - Bottom 6140'			
2"	40								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	207	13	175	Ball-Burton	
7-5/8	133	13	200	Ball-Burton	
5-1/2	61.4 (liner)	275	275	Ball-Burton	Top of liner 3505' - Bottom 6140'
2"	40				

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
10-3/4	207	13	175	207	Ball-Burton	
7-5/8	133	13	200	200	Ball-Burton	
5-1/2	61.4 (liner)	275	275	275	Ball-Burton	Top of liner 3505' - Bottom 6140'
2"	40					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____, Driller _____
Gardner Bros. Drig. Company, Driller _____
T. J. Reek, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	40	40	Sand
40	614	574	Sand & shale
614	1039	425	Shale
1039	6150 TD	5091	Sand and shale
			TOPS:
			Pictured Cliffs 3515'
			Cliff House 5122'
			Point Lookout 5824'
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin black lines. On the left side, there is a vertical margin line, and further to the left, a portion of a circular graphic element is visible, showing a curved line and some internal structure. The rest of the page is empty grid space.

NO. OF CAGE SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

NUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DETAILS

EMPLOYEES

FORMATION RECORD

FORMATION RECORD—Continued (OVER)