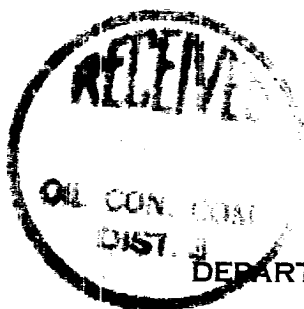


LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER ST 078424
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 Burt Bldg., Dallas, Texas
Lessor or Tract San Juan 29-7 Unit Field Blanco State New Mexico
Well No. 51 Sec. 21 T. 23N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1520 ft. N of 3 Line and 570 ft. E of W Line of Section 21 Elevation 6862
(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
Date September 13, 1956 Title Mgr., Exploration Dept.

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

Commenced drilling 7-25, 1956 Finished drilling 8-16, 1956OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 5738 to 5904 (G) No. 4, from _____ to _____
No. 2, from 5340 to 5450 (G) 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	32.75#	8RD	H-40	153					Surface Prod.
7-5/8	26.2#	8RD	J-55	3782					
5-1/2	15.7#	8RD	J-55	5990					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	173' RT	125	Halliburton		
7-5/8	3770' RT	150	Halliburton		
5-1/2	5990' GL	150	Halliburton		
2	5972				

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
Job #1 Perforated 5738-5904 - Sand fraced with 42,000 gals. water & 30,000# sand.						
Set Baker RT-8 Packer at 5455'						
Job #2 Perforated 5340-5450 - Sand fraced with 37,600 gals. water & 40,000# sand.						

TOOLS USED

Rotary tools were used from -0- feet to 5990' feet, and from _____ feet to _____ feet
Cable tools were used from cleaning out & fracing feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 1956 Put to producing _____, 19____
8-26-

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. 12,750 MCP
1057# / 72 hrs.

EMPLOYEES

_____, Driller J. L. Blakely, Driller
San Juan Drilling Company
Kelly D. Roland, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	210	210	Sand
210	3176	2966	Sand & shale
3176	3240	64	Shale
3240	3440	200	Sand & shale
3440	3583	143	Sand, shale & coal
3583	3775	192	Sand & shale
3775	3950	175	Shale
3950	5032	1082	Sand & shale
5032	5163	131	Sand
5163	5990 TD	827	Sand & shale

TOPS: Pictured Cliffs 3602
Cliff House 5326
Point Lookout 5704