

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM - 04375
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Room 1434

Company Southern Union Gas Company Address Fidelity Union Tower Building
Lessor or Tract Reid Field Basin-Dakota State New Mexico
Well No. 1-A Sec. 1 T. 30-NR 13-W Meridian N.M.P.M. County San Juan
Location 990 ft. XXXX of N Line and 990 ft. XXXX of E Line of Section 1 Elevation 5878'
(Describe 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 Title Mgr., Drilling & Production

Date January 26, 1961

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

Commenced drilling December 1, 1960 Finished drilling December 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5942 to 5954 (a) No. 4, from 6608 to 6630
 No. 2, from 5962 to 5980 No. 5, from 6652 to 6718
 No. 3, from 6702 to 6814 No. 6, from 6734 to 6762

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
8-5/8	324	8 TD	8-10	870.55	2	10			to be used on pump
8-1/2	354	8 TD	8-10	607.5	2	10			to be used on pump
HYDROLYTIC OIL FIELD CASE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	260.89 KB	200	Halliburton	Surface Production	
4-1/2	6865' KB	660	Halliburton		
1-1/2	6344				

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
				15%		
Perf. 6792-6814'	4 shots/ft.	Squeezed w/500 gals mud acid,	Perf. 4 shots/ft	6608-663		
6652-6718', 6734-6762'		fraced w/90,000# sand, 100,000 gals water, dropped 80 rubber				
balls. IR-35 RPM	Perf. 5942-5954', 5982-5990'	fraced w/30,000# sand, 28,000 gals				

TOOLS USED

Rotary tools were used from 0 feet to 665 feet, and from _____ feet to _____ feet

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

DATES

January 11, 1961, 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 1,851 ^{CAGP} ~~MCPPD~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1807#** **SIG - 10 Days**

EMPLOYEES	
Choke volume 1,604 MCPPD Gardner Brothers Drilling Co.	Driller
D. H. Braswell	Driller
Lawrence Drilling Co.	Driller
D. R. Hamilton	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
- 0-	265	265	Surface sand
265	2500	2295	Sand and shale
2560	2672	112	Shale
2672	3055	383	Sand and shale
3055	3191	136	Shale
3191	5117	1926	Sand and shale
5117	5207	90	Shale
5207	5440	233	Sand and shale
5440	5600	160	Shale
5600	6668	1068	Sand and shale
6668	6709	41	Sand
6709	6749	40	Sand and shale
6749	6786	37	Sand
6786	6865	79	Sand and shale
6865	T. D.		
			TOPS:
			Pictured Cliffs
			CLIFF House
			Point Lookout
			Mancos
			Callup
			Greenhorn
			Dakota
			2050'
			3692'
			4436'
			4844'
			5718'
			6482'
			6607'

