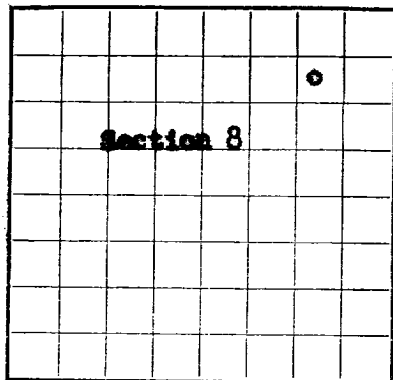
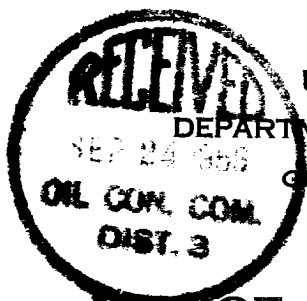




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **SP 078423**

LEASE OR PERMIT TO PROSPECT

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. **48** Sec. **8** T. **29N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1100 ft. N. of N. Line and 1115 ft. E. of E. Line of Section 8** Elevation **6246**
(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**
Title **Mgr., Exploration Dept.**

Date **September 18, 1956**

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

Commenced drilling **7-22-**, 19**56** Finished drilling **8-9-**, 19**56**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **5232** to **5292 (G)** No. 4, from _____ to _____
No. 2, from **4876** to **4884 (G)** No. 5, from _____ to _____
No. 3, from **4770** to **4862 (G)** 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	186'					Surface Production
7-5/8	28.75	8RD	H-40	186'					
5-1/2	19.75	8RD	H-40	186'					
2	5.25	8RD	H-40	186'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	186' GL	125	Halliburton		
7-5/8	3150' REB	175	Halliburton		
5-1/2	5360' RE	200	Halliburton		
2	5225'				

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 5232-5292 - Sand water fraced with 40,000# sand and 29,400 gals. water. Set Retrievable Bridge Plug @ 200'						
Job #2 - Perforated 4770-4862; 4876-4884 - Sand Fraced with 40,000# sand & 40,992 gals. water.						

TOOLS USED

Rotary tools were used from **-0-** feet to **5379** feet, and from _____ feet to _____ feet
Cable tools were used from **Cleaning out & fracing** feet, and from _____ feet to _____ feet

DATES

8-17-, 19**56** 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 **13,360 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1072# / 72 hrs.**

EMPLOYEES

San Juan Drilling Company _____, Driller **R. T. CARSON** _____, Driller
G. E. Johnson _____, Driller **Don E. Howard** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	190	190	Sand
190	285	95	Sand & shale
285	625	240	Sand
625	1211	586	Sand & shale
1211	1346	135	Sand
1346	1790	255	Sand & shale
1790	2045	255	Sand
2045	2881	836	Sand & shale
2881	2945	64	Shale & sand w/coal stks.
2945	3150	205	Shale, coal & sand
3150	3808	658	Sand & shale
3808	4172	364	Shale
4172	4315	143	Sand & shale
4315	4421	106	Shale
4421	5379 TD	958	Sand & shale
TOPS:			
	Pictured Cliffs	3020	
	Cliff House	4770	
	Point Lookout	5224	

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16-43004-8

FORMATION RECORD—Continued

