

U. S. LAND OFFICE ~~Santa Fe~~

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas
Lessor or Tract Dunn Field Wildcat State New Mexico
Well No. 1 Sec. 9 T. 23N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 790 ft. S of S Line and 790 ft. W of E Line of Section 9 Elevation 7250

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
A. M. Wiederkehr
Title Asst., Exploration Dept.

Date July 25, 1957

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

Commenced drilling 5-26, 19 57 Finished drilling 6-9 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5728 to 5773 (a) No. 4, from _____ to _____
No. 2, from 5729 to 5774 (a) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8	263 FT	150	Fullilberton		
2-1/2	5836 FT	150	Fullilberton		
2-3/4	5755				

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
32	#1 Perf. 5754-5773, 5728-5742 -	frased with 25,200 gals. oil,	25,000' sand and			
32	rubber balls.					
32	#2 Perf. 5643-5694, 5704-5717 -	frased with 25,400 gals. oil, 25,000' sand and				
32	rubber balls.					

TOOLS USED.

TOOLS USED

Rotary tools were used from 4 feet to 500 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**June 25,** 19**57**----- Put to producing -----, 19-----

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion, ----- % water, and ----- % gas. ----- hrs. on pump. 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

Flanagan Drilling, Inc. _____, Driller
_____, Driller

Joe Yosten _____, Driller
_____, Driller

FORMATION RECORD W. H. Peebles

FROM—	TO—	TOTAL FEET	FORMATION
0-	75	75	Sand
75	863	788	Sand & shells
863	1560	697	Sand & shale
560	2090	530	Shale
2090	2455	365	Sand & shale
2455	3688	1233	Shale
3688	3827	139	Shale & sand
3827	3964	137	Shale
3964	4102	138	Shale & sand
4102	4175	73	Hard shale
4175	4248	73	Shale
4248	4522	274	Coal & sand
4522	4715	193	Sand & shale
4715	4728	13	Shale
4728	4783	55	Shale with sand
4783	4916	133	Sand & shale
4916	4996	80	Shale
4996	5097	101	Shale & sand
5097	5330	233	Shale
5330	5501	171	Sand & shale
5501	5580	19	Shale
5580	5573	53	Core #1
5573	5601 5613	40	Shale
5601	5664	63	Core #2
5664	5717	53	Core #3
5717	5770	53	Core #4
5770	5823	53	Core #5

TOPS:
 Pictured Cliff 1262
 Cliff House 3670
 Painted Cliff 4102
 Point Lookout 4495
 Gallup 5585

16-43094-4