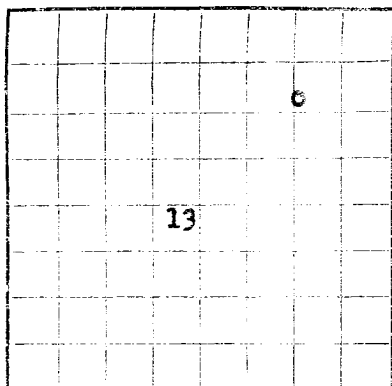


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **079634**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **Durt Bldg., Dallas, Texas**
Lessor or Tract **McClanahan** Field **Wildcat** State **New Mexico**
Well No. **1** Sec **13** T **22N** R **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1000** ft. **S.** of **N.** Line and **950** ft. **W.** of **E.** Line of **Section 13** Elevation **5704**
(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

L. V. WiederkehrDate **June 24, 1953**

Title

Reservoir Engineer

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

Commenced drilling **April 30, 1953**, 19... Finished drilling **May 12, 1953**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1395** to **1964** No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SANDS

No. 1, from to No. 3, from
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—	
2 5/8"	32		Used	147.23'					Surface
5 1/2"	19.5		J-55	1911.95'					Production
1"	tubing			1958					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 5/8"	154	75	Saliburton		
5 1/2"	1895	100	"		

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
		Nitro Glycerine	151 g	5/16 1950-1952		to total depth

TOOLS USED

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

Cable tools were used from **xxxx to complete** feet to feet, and from feet to feet

DATES

May 12, 1953, 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 **998 MCF - 3 hr.** Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. **693 - SI 720 hr.**

EMPLOYEES

Derran Drilling Company was rotary contractor Driller **Jerry Risk**, Driller

Ray Campbell Drilling Co. Drilled Driller **Ray Campbell**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	160	160	Surface sand and shale
160	405	245	Shale
405	424	119	Sand and shale
424	445	21	Sand - sharp, and shale
445	1035	590	Sand and shale
1035	2000	965	Shale
			Top Pictured Cliffs 1395'
			" Lewis Shale 1254'

[OVER]

[illegible]

—OL

TOTAL FEET

NOTATION

12. [Download the PDF](#)

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.