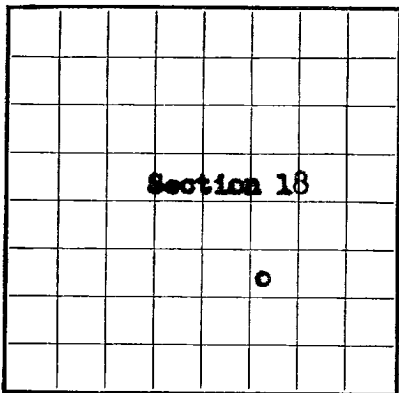


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 078433**

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 **1001 Burt Building, Dallas 1, Texas**
Lessor or Tract **Newsom** Field **Ballard P. C** State **New Mexico**
Well No. **3** Sec. **18** T. **26N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. ^[N.] of **S** Line and **1650** ft. ^[W.] of **E** Line of **Section 18** Elevation **6247'**
(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**
A. M. Wiederkehr
Title **Manager, Exploration Dept.**

Date **June 13, 1955**

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

Commenced drilling **March 27**, 19**55** Finished drilling **April 16**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1960'** to **2050' (G)** No. 4, from _____ to _____
No. 2, from _____ to _____ 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—	
9 5/8"	36.00#		H-40	100.46'					surface production
5 1/2"	15.00#		H-40	184.88'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	102' GL	200	Halliburton		
5 1/2"	1960' MB	150	Halliburton		
1"	1995'				

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
Sand fractured from 1960 feet to 2050 feet with 12,600 gallons of oil and 12,400# sand						

TOOLS USED

Rotary tools were used from **-0-** feet to **1960** feet, and from _____ feet to _____ feet
Cable tools were used from **1960** feet to **2050** feet, and from _____ feet to _____ feet

DATES

April 17, 19**55** 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 **1276 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **6432/22 days**

EMPLOYEES

Benson-Montin-Greer Drilling, Driller **J. R. Greene**, Driller
C. B. Guffey, Driller **Clinton J. Blair**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	35	35	Sand & Shale
35	101	66	Sand
101	1112	1011	Sand & Shale
1112	1300	188	Sand & Shale
1300	1320	20	Sand, Shale & Chert
1320	1960	640	Sand & Shale
1960	1965	5	Cement & Sand
1965	1973	8	Shale
1973	1975	2	Sandy Shale
1975	2000	25	Sand
2000	2025	25	Bentonitic Sand
2025	2050	25	Sand & Sandy Shale

TOPS: PICTURED CLIFFS 1960

