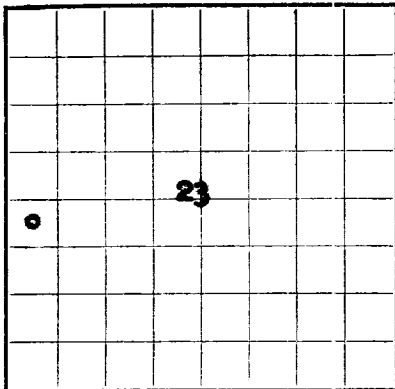


U. S. LAND OFFICE **Ute Indian Mountain**
Tribal Contract
SERIAL NUMBER **14-20-604-123**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **1001 Bart Bldg., Dallas, Texas**
Lessor or Tract **Ute Indian** Field **Verde Gallup** State **New Mexico**
Well No. **2-23** Sec. **23** T. **31N** R. **15W** Meridian **N.M.P.M.** County **San Juan**
Location **2165** ft. ^[N.]_[S.] of **S** Line and **335** ft. ^[E.]_[W.] of **W** Line of **Section 23** Elevation **5587**
(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. S. Macmink**
Title **Exploration Engineer**

Date **September 17, 1957**

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

Commenced drilling **7-26-**, 19**57** Finished drilling **8-12-**, 19**57**

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

No. 1, from **2285** to **2334 (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#	8RD	H-40	92.20'					Surface Production
5-1/2	15-5/8	8RD	H-40	2334					
2-3/8	4-7/8	8RD	J-55	2230'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	93.70'	80	Halliburton		
5-1/2	2374.50' KB	80	Halliburton		

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
Frased perfs., 2285-2334, with 729 bbls. oil and 25,000# sand.						

TOOLS USED

Rotary tools were used from **-0-** feet to **2380** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-24-, 19**57** Put to producing _____, 19____

The production for the first 24 hours was **94.92** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **420**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Benson-Martin-Greer Drilling Corp. Driller **D. G. Smith**
H. B. Barker Driller **J. H. Creamer**

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2380	2380	Sand & shale
TOPS: Gallup 2285			

(OVER)

