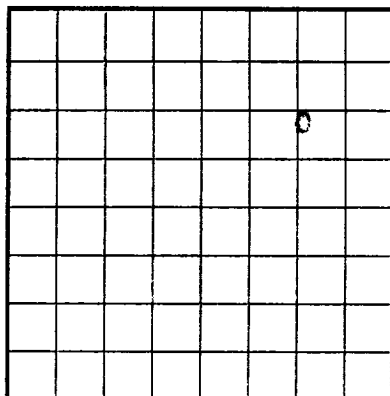


U. S. LAND OFFICE

SERIAL NUMBER **Jicarilla Apache**
Tribe Contract No. **16**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG ON DEEPENING WELL

LOG OF OIL OR GAS WELL



Company **Southern Union Gas Company** Address **1104 Surt Building, Dallas, Texas**
Lessor or Tract **Jicarilla** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **26** T. **23N** R. **4W** Meridian **N.M.P.M.** County **Sandoval**
Location **1650** ft. **N.** of **North** Line and **990** ft. **E.** of **E.** Line of **Section 26** Elevation **7092' G**
(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 **Law Thompson**
Title **Manager, Exploration Dept.**

Date **December 21, 1951**

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

Commenced drilling **"deepen" 11/3/51**, 19... Finished drilling **November 26,** 19**51**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **none** to 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—	
none									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
none					

PLUGS AND ADAPTERS

Heaving plug—Material **none** Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	none					

TOOLS USED

Rotary tools were used from **0** feet to **4918** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing **Dry hole**....., 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 **0** Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. **0**

EMPLOYEES

Gardner Bros. Drilling Company, Driller
....., Driller
....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2722 Old T.D.		Cleaned Out
2722	4650	1928	Sand and shale
4650	4653	3	Coal & shale
4653	4675	22	Sand
4673	4725	52	Sand, shale and coal
4725	4740	15	Sand and shale
4740	4760	20	Sand
4760	4765	5	Sand and shale
4765	4795	30	Sand
4795	4918	113	Sand and shale

- DRY, PLUGGED & ABANDONED

Formation Tops

Pictured Cliffs **2817' / 4479**
Cliff House **4040 / 3056**
Menefee **4130 / 2966**
Point Lookout **4512 / 2584**

Ran 100 sacks of cement - plug at 4150'
Ran 100 sacks of cement - plug at 2700'
Cemented 20' of surface pipe, filled cellar with dirt with 4" of cement on top of dirt, placed a 4' marker in surface pipe, 4' in cellar, 4' above ground, cemented top of rat and mouse hole.

[illegible]

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Record of Drill Stem Tests:

- Plugged and abandoned.