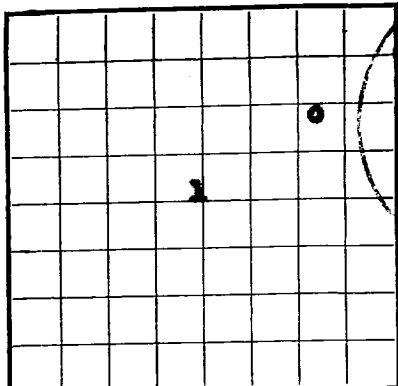


U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Tribe of Indians**
LEASE OR PERMIT TO PROSPECT **Contract No. 130**



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FEB 21 1958
OIL CON. COM.
DIST. 3 DE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Hurt Bldg., Dallas, Texas
 Lessor or Tract Jicarilla Field Tuacito P. C. State New Mexico
 Well No. 2-3 Sec. 1 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
 Location 1530 ft. N. of N Line and 955 ft. E. of E Line of Section 1 Elevation 7388
 (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.

Date **February 18, 1958** Signed **A. H. Wiedersheim**
Title **Mgr., Exploration Dept.**

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

Commenced drilling 10-17-, 1957 Finished drilling 10-28-, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4104 to 4205 (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. 2, from _____ to _____

No. 3, 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
9-5/8	204' KB	150	Halliburton		
5-1/2	4256' KB	150	Halliburton		
2-3/8	4203'				

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
Perf. 4104-4205 - fraced with 99,372 gals. water, 100,000 ¹ / ₂ sand & 300 rubber balls.						

TOOLS USED

Rotary tools were used from 0 feet to 4260 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

12-2-19 57 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 ~~20,005~~ ~~127~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 10184/33 days

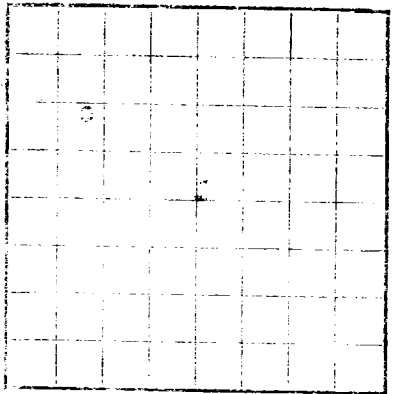
EMPLOYEES

Fleeger Drilling, Inc.	Driller	J. M. Murphy	Driller
H. G. Anderson	Driller	W. K. Thomas	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	200	200	Sand & shale
200	230	30	Shale
230	510	380	Sandy shale
510	1440	980	Sand & shale
1440	1778	338	Sandy shale
1778	2650	882	Sand & shale
2650	2882	232	Sandy shale
2882	3399	517	Sand & shale
3399	3501	102	Shale
3501	3984	483	Sand & shale
3984	4062	72	Sand & shale - coal streaks
4062	4150	88	Sandy shale
4150	4260 TD	110	Sand & shale
TOPS: Pictured Cliffs 4104'			

TOPS: Pictured cliffs 4104:



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____
Owner or Tract _____
Well No. _____
Location _____
The information given here 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 _____
Date _____

The summary on this card is for the condition of the well at the time of drilling.
Comments on drilling _____

OIL OR GAS SANDS OR YATES

No. 1 from _____
No. 2 from _____
No. 3 from _____

IMPORTANT WATER YATES

No. 1 from _____
No. 2 from _____

CASING RECORD

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
repacked 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.

HISTORY OF OIL OR GAS WELL

FROM—				TO—				TOTAL FEET				FORMATION			
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