



U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Tribe of Indians**
Contract No. 100
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 27 1956
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
Lessor or Tract Jicarilla Field Tapacito State New Mexico
Well No. 4-D Sec. 30 T. 26N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. EX of N Line and 990 ft. EX of E Line of Section 30 Elevation 7132

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
Date August 23, 1956
Title Mgr., Exploration Dept.

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

Commenced drilling 5-20-, 1956 Finished drilling 5-31-, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3786</u> to <u>3814 (G)</u>	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	32.304	8RD	J-55	206					Surface Prod
11-1/2	9.304	8RD	J-55	321					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount
9-5/8	200' RIB	150	Halliburton		
4-1/2	3849 RIB	150	Halliburton		
2-3/8	3750'				

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
Perforated 3786	to 3814	- Sand water fraced with	20,000 gals.	water &	20,000# sand.	

TOOLS USED

Rotary tools were used from -0- feet to 3849 feet, and from _____ feet to _____ feet
Cable tools were used from cleaning out & fracing feet to _____ feet, and from _____ feet to _____ feet

DATES

7-25-1956 Put to producing 19

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity °Ré _____

If gas well, cu. ft. per 24 hours ~~6107~~ ~~NOT~~ ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~1088~~ 72 hrs.

EMPLOYEES

Fleeger-Riley Drilling Company , Driller	McKinney Drilling Company, Driller
L. M. Pierce, Driller	R. E. Edwards, Driller
Fred Day	

FORMATION RECORD Mike Grumely

FROM—	TO—	TOTAL FEET	FORMATION
-0-	3849	3849 TD	Sand & Shale
		Pictured Cliffs 3788'	

[OVER]

