

U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Tribe of Indians
LEASE OR PERMIT TO ENTER Contract No. 145

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
 Lessor or Tract Jicarilla Field So. Blanco P.G. State New Mexico
 Well No. 7-K Sec. 12 T. 25N R. 5W Meridian N.E.P.M. County Rio Arriba
 Location 790 ft. N of S Line and 1630 ft. E of E Line of Section 12 Elevation 7391

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 June 20, 1958 Signed L. S. Muennink
Title Exploration Engineer

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

Commenced drilling 5-16 19 58 Finished drilling 5-25 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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No. 1, from <u>3704</u> to <u>3764 (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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	92'	125	Halliburton		
5-1/2	3873 KB	150	Halliburton		
2"	3744				

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. 3704-3764 - IR 48 BPM			fraced with 80,000 galls. water & 100,000# sand,			240 rubber balls,

TOOLS USED

Rotary tools were used from _____ - 0 - _____ feet to 3872 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

May 31, 1958 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 24,961 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 934# / 7 days

EMPLOYEES

Fleeger Drilling, Inc.	Driller	Toll Smith, Jr.	Driller
Joe Yoston	Driller	J. B. McGee	Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
-0-	104	104	Sand & shale
104	355	251	Sand
355	1942	1587	Sand & shale
1942	2176	234	Shale
2176	2492	316	Shale & sand
2492	2620	128	Shale
2620	2942	322	Sand & shale
2942	3668	726	Shale
3668	3872 TD	204	Sand & shale

TOPS: Pictured Cliffs 3700'

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued