

19



U. S. LAND OFFICE Jicarilla
Apache Tribe of Indians
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT Contract #103

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Bart Building, Dallas, Texas
Lessor or Tract Mearilla Field So. Blanco P. C. State New Mexico
Well No. 4-H Sec 19 T 26N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1850 ft. EX S of N Line and 790 ft. EX W of E Line of Section 19 Elevation 5631 (Derive from existing survey)

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

Date **August 12, 1959**

Paul J. Cloke, Manager
Title Drilling and Production

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

Commenced drilling June 11, 1959 Finished drilling June 20, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3230 to 3236' (a) No. 4, from 3306 to 3312'
No. 2, from 3240 to 3254' No. 5, from 3318 to 3328'
No. 3, from 3290 to 3297' 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—	
1/2"	10 lbs	10	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
3/4"	12 lbs	12	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
1"	14 lbs	14	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
1 1/4"	16 lbs	16	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
1 1/2"	18 lbs	18	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
1 3/4"	20 lbs	20	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
2"	22 lbs	22	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
2 1/4"	24 lbs	24	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
2 1/2"	26 lbs	26	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
2 3/4"	28 lbs	28	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
3"	30 lbs	30	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
3 1/4"	32 lbs	32	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
3 1/2"	34 lbs	34	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
3 3/4"	36 lbs	36	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
4"	38 lbs	38	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
4 1/4"	40 lbs	40	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
4 1/2"	42 lbs	42	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
4 3/4"	44 lbs	44	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
5"	46 lbs	46	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
5 1/4"	48 lbs	48	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
5 1/2"	50 lbs	50	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
5 3/4"	52 lbs	52	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
6"	54 lbs	54	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
6 1/4"	56 lbs	56	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
6 1/2"	58 lbs	58	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
6 3/4"	60 lbs	60	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
7"	62 lbs	62	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
7 1/4"	64 lbs	64	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
7 1/2"	66 lbs	66	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
7 3/4"	68 lbs	68	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
8"	70 lbs	70	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
8 1/4"	72 lbs	72	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
8 1/2"	74 lbs	74	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
8 3/4"	76 lbs	76	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
9"	78 lbs	78	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
9 1/4"	80 lbs	80	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
9 1/2"	82 lbs	82	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
9 3/4"	84 lbs	84	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
10"	86 lbs	86	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
10 1/4"	88 lbs	88	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe
10 1/2"	90 lbs	90	Wm. A. R. Co.	1000	Shoe	Shoe	Shoe	Shoe	Shoe

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	120	Ball four-ton		
5-1/2	3355.46 KB	150	Ball four-ton		
2"	3231.34				

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
10,000'	35-300's, 3040-525's, 3290-3297'	3306-3312'	3318-3328'	Used with 10,000' sand and 50,000 gals. water.	Dropped 105 rubber balls.	71 - 42 mm

TOOLS USED

Rotary tools were used from 0 feet to 3375 feet, and from _____ feet to _____ feet.

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

DATES

-----, 19----- Put to producing -----, 19-----
July 9, 1939
 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 ~~none~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

979# (7204) EMPLOYEES

_____, Driller

Fleeger Drilling Company, Driller **Robert Clou**, Driller

R. L. Lynch INFORMATION RECORD Rick McKinnon

FORMATION RECORD

[illegible]

TOPS: Picture Cliff 2210'