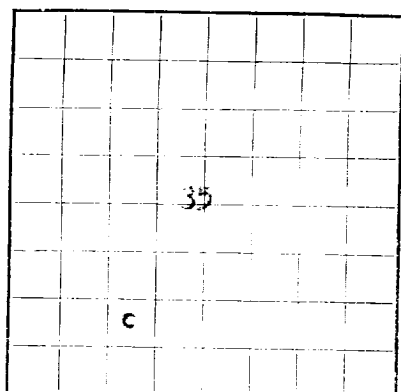


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080724
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building
Lessor or Tract Zachry Field Aztec Pictured Cliffs State New Mexico
Well No. 2 Sec. 32 T. 2 N R. 10 W Meridian N.M.P.M. County San Juan
Location 10.72 ft. N. of 1 Line and 178 ft. E. of 1/4 Line of Section 35 Elevation 5753'

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. Niederkehr
Date March 31, 1921 Title Manager, Exploration Dept.

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

Commenced drilling February 22, 1954 Finished drilling February 26, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Deduct gas by G)

No. 1, from <u>1973</u> to <u>2020 (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. 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
5 5/8	12 GL	100	Maliburton		
5 1/2	1973 DF	150			
1	1808				

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

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

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

DATES

March 9 _____, 19**55** **DATES**
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 5129.09 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 6114/10 days

EMPLOYEES

EMPLOYEES	
Benson-Martin-Greer Drilling Co.,	Don Wallace
A. C. Godfrey, Driller	A. B. Downey, Driller
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Tops;			
Pictured Cliffs	1973		
Lewis Shale	2058		
-0-	15	15	Blow Sand
15	35	20	Sand
35	55	20	Sand & Gravel
55	754	699	Sand & Shale
754	993	239	Sand
993	2060	1067	Shale & Sand

FORMATION RECORD—Continued

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 "sidetracked," 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.