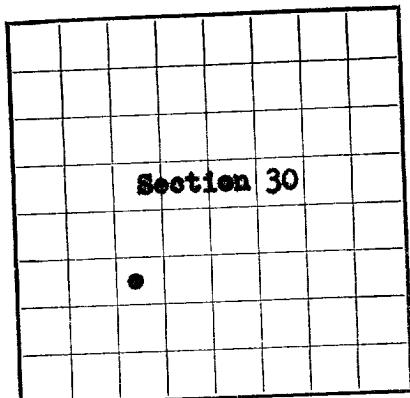




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas

Lessor or Tract Jicarilla Field Tapeate P. O. State New Mexico

Well No. 5-D Sec. 30 T 26N R. 3W Meridian N.M.P.M. County Rio Arriba

Location 1470 ft. N of S Line and 1600 ft. E of W Line of Section 30 Elevation 7251
(Derrick floor relative to sea level)

I, James H. Hester, State of New Mexico, do hereby certify that the above is a true and correct record of the well and all work done thereon.

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 Asa W. K. K.

Date August 27, 1956

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

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Commenced drilling 6-3-, 19 56 Finished drilling 6-10-, 19 56

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3860</u> to <u>3916 (G)</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

SANDS

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

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	197' ELB	125	Halliburton		
4-1/2	3934' ELB	150	Halliburton		
2-3/8	3867'				

PLUGS AND ADAPTERS

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Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

SHOOTING RECORD

SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perforated 3860-3916 - Sand fraced with 20,000 gals. water and 20,000# sand.						

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 3931 feet, and from _____ feet to _____ feet

Cable tools were used from Cleaning out & fracing feet, and from _____ feet to _____ feet

DATES

DATES

7-26-1956

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

If gas well, cu. ft. per 24 hours **18,158 MCF**

Rock pressure, lbs. per sq. in. **1098 1/2 hrs.**

Put to producing _____, 19____

Gravity, °Bé. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

EMPLOYEES

EMPLOYEES	
Fleeger-Riley Drilling Company, Driller	McKinney Drilling Company, Driller
L. M. Pierce, Driller	R. E. Edwards, Driller
H. G. Anderson	Mike Grumley
FORMATION RECORD	FORMATION

FORMATION RECORD

I. G. Anderson			FORMATION
FROM—	TO—	TOTAL FEET	
-0- 203	203 3931	203 3728	Sand Sand & shale
Pictured Cliffs 3860			
10-43004	10-43004	10-43004	10-43004

Pictured Cliffs 3860

[illegible]

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

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.