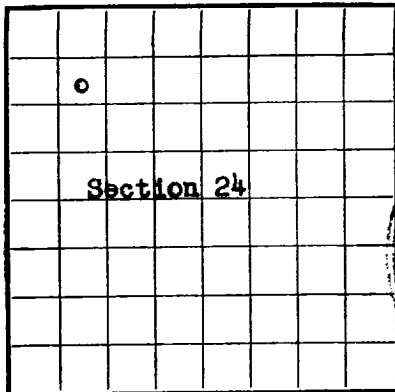
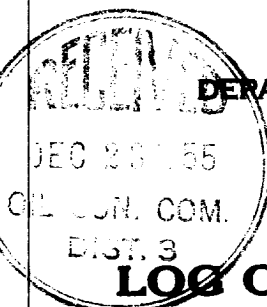


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 080724

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
Lessor or Tract Zachry Field Aztec Pictured Cliffs State New Mexico
Well No. 10 Sec. 34 T. 29N R. 10W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of N. Line and 990 ft. [E.] of W. Line of Section 34 Elevation 5616'
(Derrick floor relative to sea level)

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 Title Manager, Exploration Dept.Date October 5, 1955

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

Commenced drilling 8-26, 1955 Finished drilling 8-30, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1876 to 1945 (G) 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—	
<u>9-5/8</u>	<u>36#</u>	<u>8 RD</u>	<u>J-55</u>	<u>166'</u>					<u>Surface Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>167 GL</u>	<u>125</u>	<u>Haliburton</u>		
<u>5-1/2</u>	<u>1876 DF</u>	<u>100</u>	<u>Haliburton</u>		
<u>1"</u>	<u>1911</u>				

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
<u>Sand oil fraced from 1876 feet to 1945 feet with 22,600 gals. oil and 16,000# Sand.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 1945 feet, and from _____ feet to _____ feet
Cable tools were used from Cleaning out feet to _____ feet, and from _____ feet to _____ feet

DATES

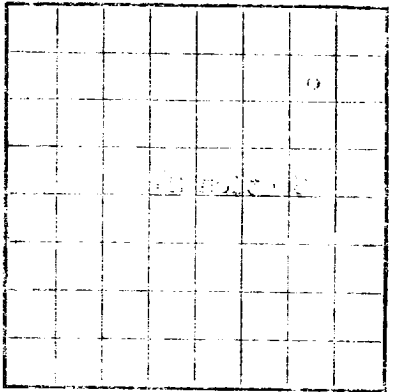
9-9, 1955 Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 3218 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 667# / 19 Days

EMPLOYEES

Ben Banner Drilling Company, Driller McKinney Drilling Company, Driller
J. S. Garter, Driller R. T. Chadwick, Driller
J. A. Brown

FORMATION RECORD Mike Gornlay

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>483</u>	<u>483</u>	<u>Sand and Shale</u>
<u>483</u>	<u>960</u>	<u>477</u>	<u>Shale and Alamo Sand</u>
<u>960</u>	<u>1820</u>	<u>860</u>	<u>Shale, Sand and Coal</u>
<u>1820</u>	<u>1945 TD</u>	<u>125</u>	<u>Sand</u>
<u>PICTURED CLIFFS 1870</u>			



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
WELL NUMBER
NAME OF PERMIT TO PROSPECT

Company Name
Lessor or Trust
Well No.
Location
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Signed
Date

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

OIL OR GAS SANDS OR ZONES

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

Casing	Weight per foot	Length per joint	Brand	Amount	Kind of joint	Joint end and joint from	Remarks

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 "side-lacked", 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.

HISTORY OF OIL OR GAS WELL

16-4094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Amount of mud used	Kind and name	Weight used	Amount of cement	Weight used	Remarks

PLUGS AND ADAPTERS

Heavy plug
Adapter

SHOOTING RECORD

Shot	Weight used	Quantity	Kind	Position	Depth cleaned out

TOOLS USED

Rotary tools were used from
Cable tools were used from

DATES

Production for the first 24 hours was
The water and sediment
If gas well, cut 12 per cent hours
Rock has not been tested in

EMPLOYERS

Driller
Diller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION