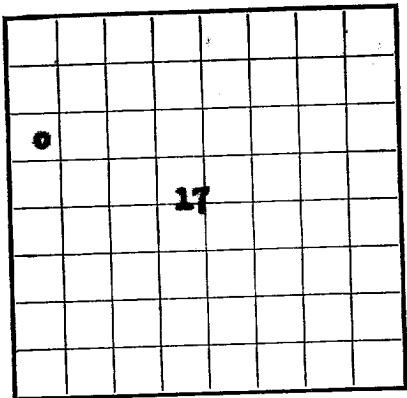


U. S. LAND OFFICE The Mountain Tribal
SERIAL NUMBER Contract No.
11-22-60-82
LEASE OR PERMIT TO PROSPECT

Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Bart Bldg., Dallas, Texas
Lessor or Tract The Indian Field Verde Gallup State New Mexico
Well No. 1-A Sec. 17 T. 31N R. 14W Meridian N.M.P.M. County San Juan
Location 1920 ft. N. of 8 Line and 500 ft. E. of W Line of Section 17 Elevation 5926
(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 L. S. McGinnis Title Exploration Engineer
Date January 8, 1958

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

Commenced drilling 7-2, 19 57 Finished drilling 11-4, 19 57

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

No. 1, from 2542 to 2598 (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>32.34</u>	<u>8.00</u>	<u>E-40</u>	<u>24.10'</u>					<u>Surface Production</u>
<u>5-1/2</u>	<u>25.44</u>	<u>8.00</u>	<u>E-40</u>	<u>24.10'</u>					
HISTORY OF OIL OR GAS WELL									

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>95.95'</u>	<u>80</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>2643' 12"</u>	<u>80</u>	<u>Halliburton</u>		
<u>2-3/8</u>	<u>2591.22'</u>				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

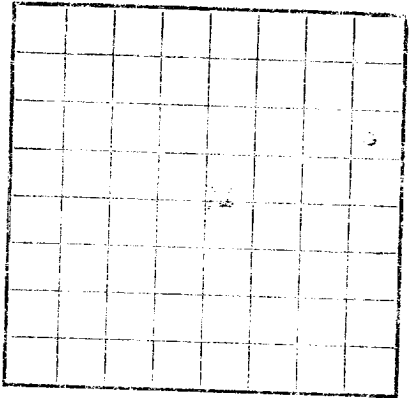
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Perf. 2542-2566 & 2568-2598 - frased with 95# lbs. oil and 25,000# mud.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 2643' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-12, 19 57 Put to producing _____, 19 _____
The production for the first 24 hours was 11 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Lessor or Tract _____
Well No. _____
Location _____ of _____ Line and _____ of _____ Line and _____
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
Completed drilling _____ to _____ Finished drilling _____ to _____

OIL OR GAS SANDS OR ZONES

(Insert gas by ())

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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 attached to the well in the past, give the date and position. If the well has been dynamited, give date, position, and number of shots. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Amount of mud used	Mud gravity	Method used

PLUGS AND ADAPTERS

Heaving plug _____
Adapter _____

SHOOTING RECORD

Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Running tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
Gravity, _____
Cations gasoline per 1000 cu ft. of gas _____
If gas well, cu ft. per 24 hours _____
_____ water and _____ sediment

U.S. Land Office
Contract No. _____
Serial Number _____
Please see Permit to Prospect _____
Approved _____
Budget Project No. _____
Approval expires _____