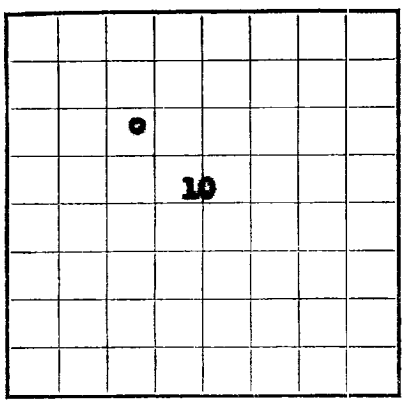
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

RECEIVED
AUG 5 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

U. S. LAND OFFICE Navajo Indian
SERIAL NUMBER 14-20-603-1449
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 1008 Burt Bldg., Dallas, Texas

Lessor or Tract Ka Gas Tah Field Blanco State New Mexico

Well No. 2 Sec. 10 T. 29N R. 12W Meridian N.M.P.M. County San Juan

Location 1880 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of W Line of Section 10 Elevation 6232 (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. B. Mannink

Date ~~July~~ August 1, 1957 Title Exploration Engineer

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

Commenced drilling 6-15-, 1957 Finished drilling 6-26-, 1957

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4870 to 4909 (O) No. 4, from to

No. 2, from 4802 to 4824 (O) 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 From—	Perforated To—	Purpose
9-5/8	32.30#	8RD	S-40	194'					Surface Production
5-1/2	15.5#	8RD	J-55	4997'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	205' KB	175	Halliburton		
5-1/2	4991' KB	150	Halliburton		
2-3/8	4904'				

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
Job #1- Perf. 4909-4917, 4802-4870 - Fraced with 601 bbls. oil, 25,000# sand & 105 Rubber balls						
Job #2 - Perf. 4802-4824 - Fraced with 700 bbls. oil, 25,000# sand & 70 rubber balls.						

TOOLS USED

Rotary tools were used from -0- feet to 4993 feet, and from feet to feet

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

DATES

July 7, 57, 19 Put to producing , 19

The production for the first 24 hours was 480 barrels of fluid of which 100% was oil; %

emulsion; ~~bandl water 160 bbls.~~ % sediment. ~~Thru 32/64 choke~~ Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

~~Rue Drilling Company~~, Driller ~~W. R. Baxter~~, Driller

~~C. E. Phillips~~, Driller ~~A. W. Dunnell~~, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	226	226	Sand
226	2128	1902	Shale
2128	4993	2865	Sand & shale

TOPS: Pictured Cliffs 1120
Point Lookout 3680
Gallup 4690

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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.

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