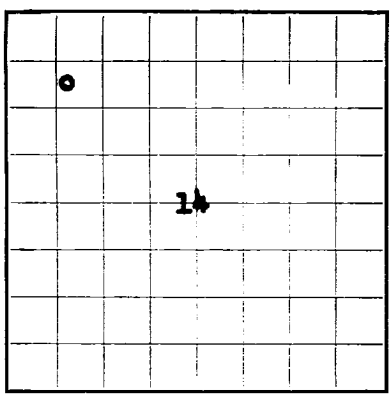
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 01136
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 Lobov Field Tapacito P. C. State New Mexico
Well No. 1 Sec. 14 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. [N.] of N Line and 990 ft. [E.] of W Line of Section 14 Elevation 7349 (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. Mesmink
Date November 10, 1958 Title Exploration Engineer

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

Commenced drilling 10-8-, 1958 Finished drilling 10-14-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3816 to 3850 (G) No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from to

RECEIVED
OIL CON. COM.
DIST. 3

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	32.3#	8RD	H-40	193'					Surface Prod.
5-1/2	15.5#	8RD	J-55	3920'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	183' KB	125	Halliburton		
5-1/2	3910' RKB	150	Halliburton		
2-3/8	3841'				

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
Perf. 3816-3850 - fraced with 86,520 gals. water, 100,000# sand, dropped 140 rubber balls, IR 48 BPM.						

TOOLS USED

Rotary tools were used from -0- feet to 3910 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

10-25-, 1958 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 22,190 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1048#/7 days

EMPLOYEES

Flooger Drilling, Inc., Driller J. M. Murphy, Driller
R. L. Lynch, Driller C. E. Ross, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	175	175	Sand
175	3505	3230	Sand & shale
3505	3586	81	Sandy shale
3586	3910 TD	304	Sand & shale

TOPS: Pictured Cliffs 3817'

FOLD MARK

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.

RECEIVED