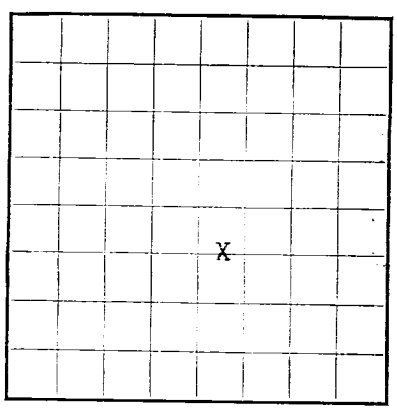
Form 9-330

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

U. S. LAND OFFICE Artesia
SERIAL NUMBER N.M. 0964
LEASE OR PERMIT TO PROSPECT G



LOCATE WELL CORRECTLY

RECEIVED
OCT
U. S.
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tennessee Gas Transmission Company Address P. O. Box 307, Hobbs, New Mexico

Lessor or Tract USA Bernice Dinnin "A" Field Teas State New Mexico

Well No. 2 Sec. 23 T. 20S R. 33E Meridian NMPM County Lea

Location 1980 ft. {N./S.} of S Line and 2310 ft. {E./W.} of E Line of Section 23 Elevation 3627 (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 D. W. Coffey

Date October 22, 1959 Title District Production Superintendent

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

Commenced drilling 9/13/, 1959 Finished drilling 10/5, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3380 to 3429 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 From—	Perforated To—	Purpose
7"	20#	8	H-40	1596	Larkin				Surface
	26#		J-55		Texas Pattern				
4 1/2	9.5	8	J-55	3485	Howco				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1539	240	pump & plug	Native	Fresh Water
4 1/2	3418	250	pump & plug	Native	Salt Water

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

TOOLS USED

Rotary tools were used from 0 feet to 3190 feet, and from ____ feet to ____ feet

Cable tools were used from 3190 feet to 3429 TD feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing 10/19, 1959

The production for the first 24 hours was 88 barrels of fluid of which 33 % was oil; ____ % emulsion; 65 % water; and 2 % sediment. Gravity, °Bé. 26.1°

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Surface Lime & Red Bed
250	1035	785	Red Bed & Shale
1035	1367	332	Anhydrite & Shale
1367	1555	188	Anhydrite
1555	2850	1295	Salt & Anhydrite
2850	3029	179	Salt, Anhydrite, & Gyp
3029	3190	161	Anhydrite & Lime
3190	3255	65	Lime
3255	3290	35	Sand & Lime
3290	3390	100	Dolomite & Lime
3390	3429 TD	43	Sand, Lime, & Dolomite

Geological Tops

1433	Rustler
3048	Tansill
3191	Yates
3416	Seven Rivers

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.