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U. S. GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

U. S. LAND OFFICE Artesia
 SERIAL NUMBER Las Cruces 070335
 LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tennessee Gas Transmission Company Address P. O. Box 307, Hobbs, New Mexico
 Lessor or Tract Chas. S. Loomis USA "A" Field Teas State New Mexico
 Well No. 1 Sec. 23 T20-S R33-E Meridian NMPM County Lea
 Location 1980 ft. XX of N Line and 1980 ft. XX of W Line of Section 23 Elevation 3605

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 _____ Title District Production Supt.

Date June 30, 1959

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

Commenced drilling May 10, 1959 Finished drilling June 9, 1959

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

No. 1, from 3410 to 3416 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>7 5/8</u>	<u>26.4#</u>	<u>8 rd</u>	<u>J-55</u>	<u>1449'</u>	<u>Baker Shoe & Fl. Collar</u>				
<u>5 1/2</u>	<u>14#</u>	<u>8 rd</u>	<u>J-55</u>	<u>3386'</u>	<u>Halliburton Form Pkr. Shoe & Baffle Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7 5/8"</u>	<u>1449</u>	<u>350</u>	<u>Pump & Plug</u>	<u>Fresh Water</u>	
<u>5 1/2</u>	<u>3390</u>	<u>285</u>	<u>Pump & Plug</u>	<u>Salt Water</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

TOOLS USED

Rotary tools were used from surface feet to 3120 feet, and from _____ feet to _____ feet
 Cable tools were used from 3120 feet to 3416 feet, and from _____ feet to _____ feet

DATES

Put to producing June 21, 1959

The production for the first 24 hours was 47.7 barrels of fluid of which 99.2 % was oil; _____ % emulsion; 0.8 % water; and 0 % sediment. Gravity, °Bé. 26.0

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
<u>0</u>	<u>650</u>	<u>650</u>	<u>Surface Rock & Red Rock</u>
<u>650</u>	<u>1190</u>	<u>540</u>	<u>Red Bed & Anhydrite</u>
<u>1190</u>	<u>1430</u>	<u>240</u>	<u>Red Rock & Shale</u>
<u>1430</u>	<u>1540</u>	<u>110</u>	<u>Anhydrite</u>
<u>1540</u>	<u>1695</u>	<u>155</u>	<u>Anhydrite, Lime & Gyp</u>
<u>1695</u>	<u>2320</u>	<u>625</u>	<u>Anhydrite, Salt & Potash</u>
<u>2320</u>	<u>2630</u>	<u>310</u>	<u>Salt</u>
<u>2630</u>	<u>2842</u>	<u>212</u>	<u>Salt & Potash</u>
<u>2842</u>	<u>3002</u>	<u>160</u>	<u>Anhydrite, Salt & Dolomite</u>
<u>3002</u>	<u>3235</u>	<u>233</u>	<u>Dolomite & Anhydrite & Sand</u>
<u>3235</u>	<u>3391</u>	<u>156</u>	<u>Dolomite & Sand</u>
<u>3391</u>	<u>3416</u>	<u>25</u>	<u>Dolomite & Lime</u>

Geological Tops

1428 Rustler
3033 Tansill
3161 Yates
3410 Seven Rivers

