

SERIAL NUMBER SF-578807-A

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Lessor or Tract Gallegos Canyon Unit Field Totah Gallup State New Mexico

Well No. 100 Sec. 12 T28N R. 13W Meridian N.M.P.M. County San Juan

Location 476 ft. ¹⁰⁰S. of N. Line and 190 ft. ^{E.} of N. Line of Section 12 Elevation

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.

Date August 24, 1961 Title Area Superintendent

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

Commenced drilling July 18, 1961 Finished drilling July 31, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5924 to 5436 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5 from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Shoelacing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
8-1/2" 24-74		51	National	203	Galda				Surface
4-1/2" 4.54		8RT	CR1	1564	Galda				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	213	175	BJ 1 Plug.		
4-1/2"	5545	350	Halliburton 2 Plug.		

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 5558 feet, and from _____ feet to _____ feet.

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

DATES

Completed as Totah Gallup Field well
August 5, 1961

Put to producing First new oil
August 7, 1961

The production for the first 24 hours was 249 barrels of fluid of which 88.8 % was oil; 11.2 %

emulsion; -----% water; and -----% sediment.

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

Rock pressure, lbs. per sq. in. 260

EMPLOYEES

Sam Kinney _____, Driller Jim Sporkow _____, Driller

Earl Babcock, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1355	1355	Surface sands and shales including Kirtland, Farmington, and Fruitland zones.
1355	1528	173	Pictured Cliffs.
1528	2307	779	Lewis shale.
2307	4136	1829	Mesaverde sands and shales.
4136	5056	920	Mancos shale.
5056	5424	368	Gallup sands and shales.
5424	5558	134	Gallup pay sands and shales.
			(tops from "E" log)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Completed as total casing field development well August 5, 1961. Potential loss August 5, 1961 249 barrels of oil per day on 19/64" choke. Tubing pressure flowing 260 psi and casing pressure flowing zero. Estimated allowable 164 barrels of oil per day effective August 4, 1961. LOG OF OIL OR GAS WELL

breakdown 1250 psi; maximum treating 2600 psi; minimum treating 2000 psi. Average

6 percent wet. Tested casing with 3000 psi, held ok. Time

Core No. 2 5439-5472, Gallip — Recovered 33', as follows: 21' black shale; 2' sandy shale; 3' fine Menomonic sand; 1' sandy shale; 6' black Packerchip shale.

Core No. 1 5475-5491 -- Recovered 24' as follows: 2' shale; 7' sandy shale with as bleeds 5422-5423; 1' shaly sand; 9' sand, reddish stained with good porosity

of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or casing. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or casing. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or casing.

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 holes. Give date and position of number of balling operations. Give date and position of any other operations.

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