

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

Navaho Alloted

TUL-IND-8473

Clara Curley #1

JAN 1 1954

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Magnolia Petroleum Company** Address **P.O. Box 633 - Midland, Texas**
Lessor or Tract **Clara Curley** Field **Fulcher-Kutz (Ext)** State **New Mexico**
Well No. **1** Sec. **25** T. **27N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **790** ft. **xx** of **N** Line and **790** of **xx** of **W** Line of **Sec. 25** Elevation **6400' (Est)**
(Denote 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.

Date **January 14, 1954**Signed **R.T. German**
Title **R.T. German, Div. Sup't.**

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

Commenced drilling **11-27-53** Finished drilling **12-8-53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Kirkland No. 1 from **1302** to **1804** No. 4, from _____ to _____
Fruitland No. 2 from **1804** to **2041** No. 5, from _____ to _____
Pictured Cliff No. 3 from **2041** to **2100 "G"** No. 6, from _____ to _____

IMPORTANT WATER SANDS

(None water hauled to location)
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—	
10-3/4"	32.75	8VT	"B"SS	192	Hallib				Surface
10-3/4"	35.75	8VT	"B"SS	107	Hallib				Surface
7"	24.4	10VT	"C"SS	661	Hallib				Production
7"	24.4	10VT	"C"SS	661	Hallib				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	299	200	Pump & Plug		
7"	2044	300	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
#2		Solidified Nitro	170 Qts	12-9-53	2100-2052	2100'

TOOLS USED

Rotary tools were used from **0** feet to **2100'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **12-13-53**

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 **538.1** Gallons gasoline per 1,000 cu. ft. of gas **Not tested**Rock pressure, lbs. per sq. in. **686**

WELL SHUT IN * NO MARKET FOR GAS

EMPLOYEES

Empire States Drig Co., Driller
Albuquerque, New Mexico, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	372	372	Sand & Red Bed
372	1435	1063	Sand & Shale
1435	1656	221	Shale
1656	2044	388	Sand, Shale & Coal
2044	2100	56	Sand

GEOLOGICAL TOPS

FORMATION **TOPS**
Kirtland **1302'**
Fruitland **1804'**
Pictured Cliff **2041'**

DRILL STEM TESTS
NONE

CORE RECORD

1. 2044 to 2087, recover 34' fine grain gray quartz sand
2. 2087 to 2100, recover 9 1/2' fine grain gray quartz sand, slight sho gas.

HISTORY OF WELL

11-17-53 Location staked
11-27-53 Commenced drilling (Spud date)
11-28-53 Set 10-3/4" csg @ 299' w/200 sacks. Circ 20 sacks
11-29-53 Tested 10-3/4" csg. No break
12-2-53 Schlumberger ran Elec. Log to 2044'. Set 7" csg @ 2044' w/300 sacks
LOGWELLION RECORD—Continued

12-3-53 Halliburton Temperature survey to 2007'. Top cement @ 1080'
12-7-53 Cored: 2044-2087' Cored: 2087-2100'
12-8-53 Schlumberger ran Gamma Ray, Induction, Neutron Log & Temp. Survey
12-9-53 Specialty shooting Co. Shot 2100-2052' w/170 Qts Solidified #2 Nitro.
12-15-53 Rig released @ 4:00 AM

SECRET

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.

16-43094-1

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.

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

TOP SECRET COMINT