

U. S. LAND OFFICE **Las Cruces**

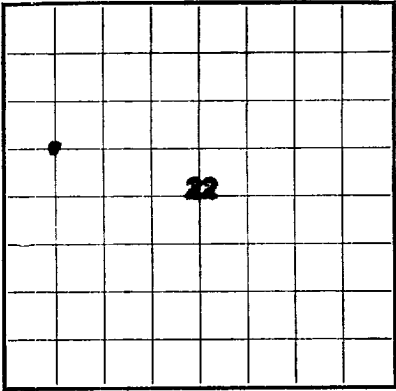
SERIAL NUMBER **069747**

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company **American Republics Corporation** Address **Box 547 Artesia, New Mexico**
Lessor or Tract **Federal-22** Field **North Caprock** State **New Mexico**
Well No. **1-22** Sec. **22** T. **12S** R. **32E** Meridian **NMPL** County **Lea**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **N** Line of **Sec. 22** Elevation **4358** (GL.)
(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 **Cashaid**

Date **March 28, 1955** Title **District Superintendent**

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

Commenced drilling **February 16,** 19**55** Finished drilling **February 26,** 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 **(Rotary Hole)** 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—	
9-5/8"	32#	SR, N-40	How	199.78'	Laridin				
5-1/2"	15.50#	SR, J-55	How	3000.10'	Belum				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	199.78'	125 sacks W/6% Gel	Halliburton		
5-1/2"	3000.10'	125 sacks W/26% Salt Solution	Halliburton		

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
Treated well from 3022 to 3031 feet with 6,000 gallons heavy oil and 12,000# sand (no result)						
Treated from 3038 to 3044 feet with 6,000 gallons lease oil and 6,000# sand (results some water no oil)						

TOOLS USED

Rotary tools were used from _____ feet to **3000** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **February 27,** 19**55**
The production for the first 24 hours was **/ fracture oil not recovered** _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. G. Lewis _____, Driller **W. J. Green** _____, Driller
J. P. Jary _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	95	95	Caliche
95	200	105	Red Beds
200	950	750	Red Beds and Shells
950	1465	515	Red Beds and Anhydrite
1465	1755	290	Anhydrite and Salt
1755	1955	200	Anhydrite, Salt and Shale
1955	2120	165	Anhydrite, Salt and Lime
2120	3015	895	Anhydrite, Salt and Shale
3015	3080	65	Sand and Salt
3080			TOTAL DEPTH

DIST: Orig & 300 to: U. S. G. S.

LOC to: Houston-187

LOC to: Midland-180

LOC to: Artesia-180

RECORD (OVER)

RECORD (P110)