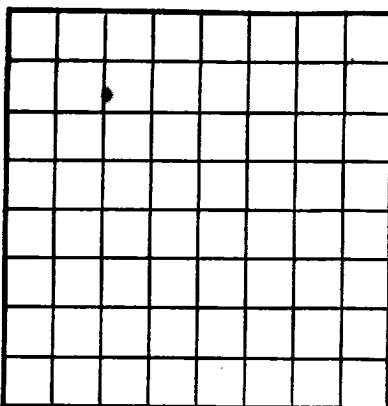


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **028775 B**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **American Republics Corp.** Address **Box 547, Artesia, New Mexico**
Lessor or Tract **F. M. Robinson** Field **Gray-Jackson** State **New Mexico**
Well No. **30-B** Sec **35** T. **17** R. **29** Meridian **N.M.P.M.** County **Eddy**
Location **1280 ft. {N.} of N. Line and 1345 ft. {E.} of W. Line of Section 35** Elevation **3549**
(Derivat 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 **W. B. Macey**
Title **District Superintendent**Date **March 12, 1951**

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

Commenced drilling **January 4,** 19**51** Finished drilling **March 2,** 19**51**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3045** to **3059** No. 4, from _____ to _____
No. 2, from **3060** to **3070** No. 5, from _____ to _____
No. 3, from **3071** to **3080** No. 6, from _____ to _____
IMPORTANT WATER SANDS
No. 1, from **3081** to **3090** No. 9, from _____ to _____
No. 2, from **3091** to **3100** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Cut and pulled from	Perforated		Purpose
						From—	To—	
8 5/8	28	8	498	Texas				Surface
7	20	8	3045	Texas				Preparation
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
8 5/8	498	100	Pump & Plug		3 Sacks
7	3025	100	Pump & Plug		3 Sacks

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3188** feet, and from _____ feet to _____ feet

DATES

March 12, 19**51** Put to producing **March 11,** 19**51**
The production for the first 24 hours was **73.8** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **36.0**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. A. Reneau, Driller **V. A. Lane**, Driller
H. T. Guinan, Driller **Needham Drilling Company**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Sand
35	153	118	Red Bed
153	162	9	Gyp
162	175	13	Anhydrite
175	195	20	Shale
195	200	5	Anhydrite
200	315	115	Anhydrite and Red Bed
315	370	55	Red Shale
370	375	5	Anhydrite
375	420	45	Anhydrite and Red Shale
420	780	360	Salt
780	1956	1176	Anhydrite
1956	1965	9	Red Sand
1965	1980	15	Anhydrite
1980	1995	15	Red Sand
1995	2080	85	Anhydrite
2080	2120	40	Anhydrite and Lime
2120	2250	130	Anhydrite
2250	2330	80	Anhydrite and Lime
2330	2335	5	Anhydrite
2335	2350	15	Lime
2350	2365	15	Anhydrite
2365	3188	823	Lime

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-48094-2

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

FORMATION RECORD—Continued