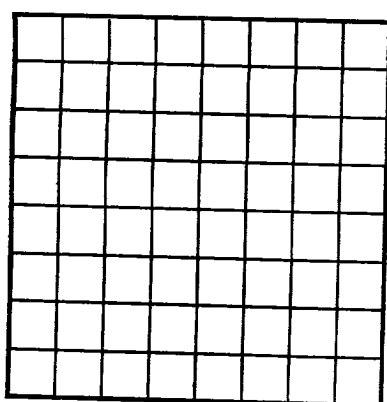


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029548 A
LEASE OR PERMIT TO PROSPECT _____
Russell LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

American Republics Corp. Formerly
Company Republic Production Company Address Artesia, N. M.
Lessor or Tract Russell Field Jackson State New Mexico
Well No. 6 Sec. 18 T. 17 R. 31 Meridian N.M.P.M. County Eddy
Location 990 ft. (N.) of N. Line and 1384 ft. (E.) of W. Line of Section 18 Elevation 3763
(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 December 28, 1936Signed W B Macey
Title Superintendent

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

Commenced drilling August 8, 1936 Finished drilling November 9, 1936

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2755 to 2765 G No. 4, from 3403 to 3405
No. 2, from 2825 to 2830 G No. 5, from 3425 to 3428
No. 3, from 3375 to 3380 No. 6, from 3480 to 3493

IMPORTANT WATER SANDS

No. 1, from 435 to 440 No. 3, from _____ to _____
No. 2, from 475 to 485 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—	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	534	50	Halliburton		3 tons
7"	3209	100	"		5 "

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 Surface feet to 3535 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 26, 1936The production for the first 24 hours was 120 barrels of fluid of which 95 % was oil; _____ % emulsion; 5 % water; and _____ % sediment. (acid water) 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

C. M. Oliver _____, Driller J. S. Wagner _____, Driller
H. C. Adams _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Zero	85	85	Surface sand
85	150	65	Red rock & sand
150	345	195	Red sand
345	390	45	Red beds
390	415	25	Gyp & sandy lime
415	465	50	Anhydrite 1/2 BWPF at 435-40
465	480	15	Broken lime
480	490	10	Red beds & gyp. Inc. water 475-85
490	530	40	Red beds
530	536	6	Anhydrite
536	765	229	Salt
765	775	10	Anhydrite
775	1060	285	Salt
1060	1135	75	Salt & poly.
1135	1150	15	Lime
1150	1310	160	Salt
1310	1330	30	Lime

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

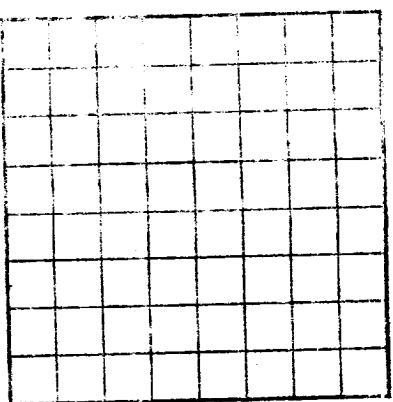
DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE OR PERMIT TO PROSPECT

SERIAL NUMBER

LAND OFFICE



LOCATE WELL CORRECTLY

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.

Location of well (N. of Line and E. of W. line of Section) of Township and Range of Meridian N. E. S. W. County State

Well No. Section or Tract

Company

Date _____ Title _____

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

Commenced drilling _____ Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from _____ to _____

No. 2 from _____ to _____

No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____

No. 2 from _____ to _____

CASING RECORD

Case	Weight per foot	Thickness of joint	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Period	Notes

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 "backtracked" 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Material	Amount of cement	Method used	Kind of mud	Amount of mud used

PLUGS AND ADAPTERS

Material	Length	Depth set

SHOOTING RECORD

Date	Quantity	Explosive used	Depth shot	Depth cleared out

TOOLS USED

Tool	Feet to	Feet and from

DATES

Date	Barrels of fluid of which	Small show oil & gas

FORMATION RECORD

Formation	Feet	Feet and from

FORMATION RECORD

Formation	Feet	Feet and from

FORMATION RECORD

Formation	Feet	Feet and from

FORMATION RECORD

Formation	Feet	Feet and from

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FORMATION RECORD

Formation	Feet	Feet and from

FORMATION RECORD—Continued