Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office Las Cruces
Serial Number 029548 A
Lease or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-05221

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company American Republics Corp. Formerly Republic Production Company Address Artesia, New Mexico

Lessor or Tract Russell Field Jackson State New Mexico

Well No. 8 Sec. 18 T. 17 R. 31 Meridian N.M.P.M. County Eddy

Location 1650 ft. {N./S.} of N Line and 1650 ft. {E./W.} of E Line of Section 18 Elevation 3723 (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 W. B. Macey

Date May 7, 1940 Title Superintendent

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

Commenced drilling February 23, 1940 Finished drilling April 26, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 2885 to 2890 No. 4, from 3370 to 3375

No. 2, from 2920 to 2935 No. 5, from 3490 to 3497

No. 3, from 3325 to 3338 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 440 to 445 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 From—	Perforated To—	Purpose
~~10 3/4 xx 600 xxxxx 50~~									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	600	50	Halliburton		
7"	2880	100	"		3 tons

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 3497 feet, and from feet to feet

DATES

, 19 Put to producing April 26, 1940

The production for the first 24 hours was 250 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Carper Drilling Co. Contractor, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Zero	270	270	Sand shale red beds
270	380	110	Gyp & anhydrite
380	525	145	Anhydrite & red rock
525	1105	580	Salt with streaks of anhydrite
1105	1120	15	Anhydrite
1120	1265	145	Salt
1265	1460	195	Anhydrite
1460	2270	810	Anhydrite shale & red rock
2270	2355	85	Anhydrite & broken lime
2355	2380	25	Red sand
2380	2715	335	Anhydrite & lime
2715	3315	600	Brown and grey lime
3315	3325	10	Sandy lime
3325	3460	135	Lime
3460	3470	10	Lim e & sand
3470	3475	5	Lime
3475	3485	10	Sandy lime
3485	3490	5	Lime
3490	3497 TD	7	Sand & lime

(OVER)

16—43094-2

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION (OVER)

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

Driller ..... Driller

Driller ..... Driller

EMPLOYEES

Driller ..... Driller

SHOOTING RECORD

Depth shot	Depth cleaned out	Date	Quantity	Explosive used	Shell used	Size

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

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

DATES

Put to producing ..... 19..

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment.

Gravity, °Be .....

Gallons gasoline per 1,000 cu. ft. of gas .....

If gas well, cu. ft. per 24 hours .....

Rock pressure, lbs. per sq. in. .....

PRICES AND AGENTS

Purchaser—Initial ..... Initial ..... Date effective .....

Purchaser—Present ..... Present ..... Date effective .....

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	To—	Purpose

WELDING AND CEMENTING RECORD

Size of hole	Size of casing	Where set	Number sacks of cement	Method used	Mud fluid used	Cement used, quantity, and kind

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.

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	To—	Purpose

IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 4, from ..... to .....

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

No. 3, from ..... to ..... No. 6, from ..... to .....

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 .....

Commenced drilling ..... 19.. Finished drilling ..... 19..

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

Date ..... Title .....

Signed .....

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 ..... ft. {N. / S.} of ..... line and ..... ft. {E. / W.} of ..... line of ..... Elevation ..... (Denote zero by "0")

Well No. ..... Sec. ..... T. ..... R. ..... Meridian ..... County .....

Lessor or Tract ..... Field ..... State .....

Company ..... Address .....

LOC OF OIL OR CAS WELL

20-012-02551

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE .....

SERIAL NUMBER .....

LEASE OR PERMIT TO PROSPECT .....

LOCATE WELL CORRECTLY

Form 9-330