

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corporation Address Box 547, Artesia, N. M.
 Lessor or Tract Robinson A Field Grayburg-Jack. State New Mexico
 Well No. 13 Sec. 27 T. 17 R. 29 Meridian N.M.P.M. County Eddy
 Location 1345 ft. {N. } of S. Line and 1345 ft. {E. } of E. Line of Section 27 Elevation 3562

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. D. Macey
Title Engineer

Date August 10, 1949

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

Commenced drilling ----- June 1, -----, 19 49 Finished drilling ----- July 15, -----, 19 49

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1980 to 2006 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 150 to 160 No. 3, from 160 to 170
No. 2, from 170 to 180 No. 4, from 180 to 190

GASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24#	8		370'	Texas				Surface Production

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

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

Cable tools were used from 0 feet to 3000 feet, and from _____ feet to _____ feet.

DATES

August 10, 1949 Put to producing July 28, 1949

The production for the first 24 hours was 00.50 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity °Bé 37.1

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Iec Dodd	Driller	R. A. Feneau	Driller
H. T. Marshall	Driller	Needham Drilling Co.	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	3	3	Cellar
3	13	10	Caliche
13	112	99	Red shale
112	135	23	Gyp
135	150	15	Red bed
150	160	10	sand
160	300	140	red bed
300	545	245	Salt
545	628	83	Red shale and salt
628	750	122	Salt
750	772	22	Red bed
772	780	8	Salt
780	1841	1061	Anhydrite
1841	1862	21	red sand
1862	1990	128	anhydrite
1990	1998	8	Lime
1998	2080	82	Anhydrite
2080	2090	10	Sand
2090	2208	118	Anhydrite
2208	3000	792	Lime

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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 $\left\{ \begin{array}{l} \text{N. of } \dots \text{ Line and } \dots \text{ ft. (W.)} \\ \text{E. of } \dots \text{ Line of } \dots \end{array} \right\}$ Elevation $\dots$ (Dipstick from surface to base level)

Well No. $\dots$ Sec. $\dots$ T. $\dots$ R. $\dots$ Meridian $\dots$ N. $\dots$ E. $\dots$ County $\dots$ State $\dots$ Lessor or Trust $\dots$

Company $\dots$ Address $\dots$

Commenced drilling _____, 19____
 Finished drilling _____, 19____
 The summary on this page is for the condition of the well at above date.
 Date finished 10, 1940 _____
 Title _____
 Signed _____

(Derote das dy G)

Item	Quantity	Unit	Remarks
Treated 1000 gal.	2955	gallons	2955
Retreated 2000 gal.	2955-3000	gallons	2955
Plugged back to	2947	ft.	2947
Retreated 2000 gal.	2900-2947	gallons	2900
Retreated 4000 gal.	2780-2947	gallons	2780
Plugged back to	2722	ft.	2722
Treated 1000 gal.	2804-2882	gallons	2804
Retreated 2500 gal.	2804-2882	gallons	2804
Drilled out plugs to total depth and ran 2" tubing to 2905 with	No. 4 from 2905 to 2955	ft.	No. 4 from 2905 to 2955
No. 1 packer at 27214.	27214	ft.	27214

Estimated Production Natural 14 B.O.P.D.	2800-3000	Kind of shoe	Cut and pulled from	From— To—	Purpose
Oil 1 part Water 4 parts	10 inches	Make			

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 "disconnected" 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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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Geological Markers				FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION	FROM	TO	TOTAL FEET	FORMATION
Top of Salt	300	300	Live	Top of Salt	300	300	Live
Base of Salt	480	180	Live	Base of Salt	480	180	Live
Top of Red Sand	11827	11827	Argillite	Top of Red Sand	11827	11827	Argillite
Top of Grayburg	2178	2178	Sand	Top of Grayburg	2178	2178	Sand
Top of San Andres	2596	2596	Argillite	Top of San Andres	2596	2596	Argillite
Top of Livingston Sand	2698	2698	Live	Top of Livingston Sand	2698	2698	Live
1000	1000	1000	Argillite	1000	1000	1000	Argillite
1000	1000	1000	red sand	1000	1000	1000	red sand
1000	1000	1000	Argillite	1000	1000	1000	Argillite
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FORMATION RECORD—Continued

FOR D JONES