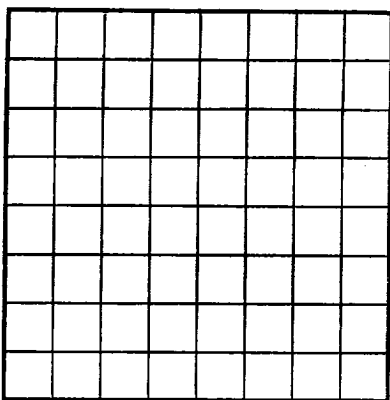




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corporation Address Box 547, Artesia, New Mexico
Lessor or Tract F. M. Robinson Field Grayburg-Jackson State New Mexico
Well No. 7-B Sec. 35 T. 17S R. 29E Meridian NMPM County Eddy
Location 1980 ft. {N.} of N. Line and 1980 ft. {E.} of W. Line of Section 35 Elevation 3533
(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. MaceyDate February 18, 1946 Title Superintendent

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

Commenced drilling December 13, 1945 Finished drilling February 16, 1946

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3050 to 3180 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 _____ 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—	
5/8"	24	11	Lap.	489					
7"	20	8	Seam- less	3040	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	490	50	Halliburton		
7"	3040	100	"		5 cks. aquagel

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 WITH ACID.				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 1180 feet, and from _____ feet to _____ feet

DATES

February 18, 1946 Put to producing February 16, 1946

The production for the first 24 hours was 141 barrels of fluid of which 100% was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Brewer Drilling Company Driller _____, Driller
Contractor _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	115	115	Sandy-Shale
115	170	55	Shale
170	220	50	Gyp
220	285	65	Shale (show water 230-35)
285	375	90	Red rock & shells
375	395	20	Shale & shells
395	425	30	Salt (8 1/4" @425) (Did not hold)
425	490	65	Salt & potash (8 1/4" @490)
490	650	160	Salt
650	730	80	Salt and potash
730	765	35	Salt
765	820	55	Anhydrite
820	835	15	Red rock
835	885	50	Anhydrite - broken
885	945	60	Anhydrite
945	1070	125	Anhydrite - broken
1070	1125	55	Anhydrite
1125	1165	40	Anhydrite - broken
1165	1265	100	Anhydrite
1265	1300	35	Anhydrite - broken
1300	1660	330	Anhydrite
1660	1775	115	Anhydrite - broken
1775	1830	55	Anhydrite

(OVER)

16-43094-2

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.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
1830	1845	15	Anhydrite - broken
1845	1858	13	Hal. Steel Line Correction
1858	1865	7	Anhydrite - broken
1865	1925	60	Anhydrite
1925	1955	30	Anhydrite - broken
1955	1965	10	Anhydrite
1975	1980	5	Red sand
1990	2125	135	Anhydrite
2125	2140	15	Lime
2140	2165	25	Anhydrite - broken
2165	2215	50	Anhydrite
2215	2250	35	Anhydrite and sandy shale
2250	2275	25	Anhydrite - broken
2275	2310	35	Anhydrite
2310	2325	15	Lime
2325	2340	15	Anhydrite - broken
2340	2345	5	Lime
2345	2390	45	Lime - broken
2390	2420	30	Lime - gray
2420	3180	760	Lime

Ran Dowell Electric Pilot Survey from 3040' to Total depth 3180'.
Before acidizing 1200' oil in hole.
Treated 1000 gal. 3145-3180
3000 gal. 3100-3180
3000 gal. 3040-3072
After acid flowed 141 bbl. oil per day, after flowing for two hours to pit.

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