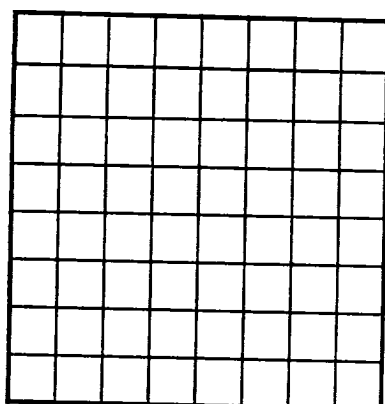




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corpn Address Box 547, Artesia, New Mexico
Lessor or Tract E. M. Robinson Field Grayburg-Jacks State New Mexico
Well No. 15-B Sec. 27 T. 17S R. 29E Meridian NMPM County Eddy
Location 1980 ft. {N.} of N. Line and 1980 ft. {E.} of E. Line of Section 27 Elevation 3548
(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.

Signed W B Macey
Date March 18, 1947 Title Superintendent

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

Commenced drilling January 11, 1947 Finished drilling March 10, 1947

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2290 to 2295 (G) No. 4, from 2725 to 2732 (O&G)
No. 2, from 2389 to 2661 (Brkn) No. 5, from 2762 to 2870 (brkn)
No. 3, from 2678 to 2683 (G) 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--	
<u>8 1/2</u>	<u>24</u>	<u>10</u>	<u>Lapweld 334' 6"</u>						
			<u>Seamless 260' 3"</u>						
			<u>High alloy 10' 0"</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 TD 2870 feet, and from _____ feet to _____ feet

DATES

Completed March 14, 1947 Put to producing March 16, 1947

The production for the first 24 hours was 200 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. 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

Brewer Drlg. Company, Driller _____, Driller _____
Contractor _____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3	3	Cellar
3	13	10	Red sand
13	23	10	Caliche
23	40	17	Red shale
40	70	30	Anhydrite & gyp
70	115	45	Anhydrite
115	155	40	Red rock
155	240	85	Red shale
240	265	25	Anhydrite
265	635	370	Salt
635	1765	1130	Anhydrite
1765	1790	25	Red sand
1790	1905	115	Anhydrite
1905	1919	14	Lime
1919	2083	164	Anhydrite
2083	2091	8	Lime
2091	2116	25	Anhydrite & lime shells
2116	2870	754	Lime (Top San Andres 2475-top lev. 2572)

Treated well with 6000 gallons 20% acid from 2661 to 2870.

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-43004-2

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 [S] of [W] { of E Line and [N] ft } of E Line of Section 27
Well No. 18-E Sec. 27 T. 2 S. R. 3 E Meridian [N] County [E] State [Iowa]
Lessor or Trust []
Company American Petroleum Company
Address Box 100, Ottumwa, Iowa

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

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No. 1, from	2000	to	2000 (1)	No. 4, from	2000	to	2000 (1)
No. 2, from	2000	to	2000 (1)	No. 5, from	2000	to	2000 (1)
No. 3, from	2000	to	2000 (1)	No. 6, from	2000	to	2000 (1)

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

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

U. S. GOVERNMENT PRINTING OFFICE 16-50041-1

[illegible]

Adapters—Material	Length	Depth set
Heaving plug—Material		

[illegible]

test	_____	of test	_____	from test, and from	_____	to test	_____	from test were used	_____
test	_____	of test	_____	from test, and from	0532	to test	_____	from test were used	_____

It gas well, cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas	
Emulsion; % water; and % sediment.		Gravity, °Bé.	
The production for the first 24 hours was		barrels of fluid of which % was oil; %	
.....		Put to producing 	

	Driller	Contractor	Driller
	Driller		Driller

FROM-	TO-	TOTAL FEET	FORMATION
2118	2120	2	Gravel
2120	2122	2	Gravel
2122	2124	2	Gravel
2124	2126	2	Gravel
2126	2128	2	Gravel
2128	2130	2	Gravel
2130	2132	2	Gravel
2132	2134	2	Gravel
2134	2136	2	Gravel
2136	2138	2	Gravel
2138	2140	2	Gravel
2140	2142	2	Gravel
2142	2144	2	Gravel
2144	2146	2	Gravel
2146	2148	2	Gravel
2148	2150	2	Gravel
2150	2152	2	Gravel
2152	2154	2	Gravel
2154	2156	2	Gravel
2156	2158	2	Gravel
2158	2160	2	Gravel
2160	2162	2	Gravel
2162	2164	2	Gravel
2164	2166	2	Gravel
2166	2168	2	Gravel
2168	2170	2	Gravel
2170	2172	2	Gravel
2172	2174	2	Gravel
2174	2176	2	Gravel
2176	2178	2	Gravel
2178	2180	2	Gravel
2180	2182	2	Gravel
2182	2184	2	Gravel
2184	2186	2	Gravel
2186	2188	2	Gravel
2188	2190	2	Gravel
2190	2192	2	Gravel
2192	2194	2	Gravel
2194	2196	2	Gravel
2196	2198	2	Gravel
2198	2200	2	Gravel
2200	2202	2	Gravel
2202	2204	2	Gravel
2204	2206	2	Gravel
2206	2208	2	Gravel
2208	2210	2	Gravel
2210	2212	2	Gravel
2212	2214	2	Gravel
2214	2216	2	Gravel
2216	2218	2	Gravel
2218	2220	2	Gravel
2220	2222	2	Gravel
2222	2224	2	Gravel
2224	2226	2	Gravel
2226	2228	2	Gravel
2228	2230	2	Gravel
2230	2232	2	Gravel
2232	2234	2	Gravel
2234	2236	2	Gravel
2236	2238	2	Gravel
2238	2240	2	Gravel
2240	2242	2	Gravel
2242	2244	2	Gravel
2244	2246	2	Gravel
2246	2248	2	Gravel
2248	2250	2	Gravel
2250	2252	2	Gravel
2252	2254	2	Gravel
2254	2256	2	Gravel
2256	2258	2	Gravel
2258	2260	2	Gravel
2260	2262	2	Gravel
2262	2264	2	Gravel
2264	2266	2	Gravel
2266	2268	2	Gravel
2268	2270	2	Gravel
2270	2272	2	Gravel
2272	2274	2	Gravel
2274	2276	2	Gravel
2276	2278	2	Gravel
2278	2280	2	Gravel
2280	2282	2	Gravel
2282	2284	2	Gravel
2284	2286	2	Gravel
2286	2288	2	Gravel
2288	2290	2	Gravel
2290	2292	2	Gravel
2292	2294	2	Gravel
2294	2296	2	Gravel
2296	2298	2	Gravel
2298	2300	2	Gravel
2300	2302	2	Gravel
2302	2304	2	Gravel
2304	2306	2	Gravel
2306	2308	2	Gravel
2308	2310	2	Gravel
2310	2312	2	Gravel
2312	2314	2	Gravel
2314	2316	2	Gravel
2316	2318	2	Gravel
2318	2320	2	Gravel
2320	2322	2	Gravel
2322	2324	2	Gravel
2324	2326	2	Gravel
2326	2328	2	Gravel
2328	2330	2	Gravel
2330	2332	2	Gravel
2332	2334	2	Gravel
2334	2336	2	Gravel
2336	2		