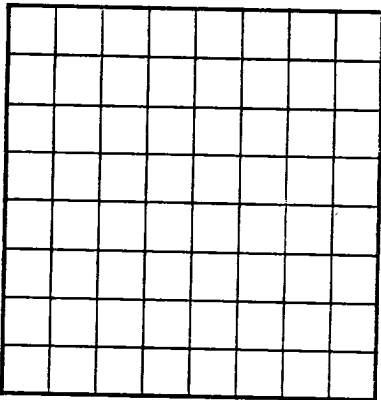




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corp. Address 207 Carrier Bldg., Artesia
Lessor or Tract E. M. Robinson "E" Field Grayburg-Moely State New Mexico
Well No. 27-E Sec. 27 T. 17 R. 28 Meridian N.M.D.M. County Eddy
Location 990 ft. N. of N. Line and 2310 ft. E. of W. Line of Section 27 Elevation 3537'
(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. D. Racey
Date August 8, 1950 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling May 21, 1950 Finished drilling July 21, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2610' to 2622' No. 4, from _____ to _____
No. 2, from 2755' to 2766' 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—	
<u>5/8"</u>	<u>28</u>	<u>8</u>		<u>340</u>	<u>Texas</u>				<u>Surface</u>
<u>7"</u>	<u>23</u>	<u>8</u>		<u>2610</u>	<u>Float</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8"</u>	<u>340</u>	<u>50</u>	<u>Pump & Plug</u>		<u>3 Sacks</u>
<u>7"</u>	<u>2610</u>	<u>100</u>	<u>Pump & Plug</u>		<u>3 Sacks</u>

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 0 feet to 2255 feet, and from _____ feet to _____ feet

DATES

August 8, 1950 Put to producing July 20, 1950

The production for the first 24 hours was 235 barrels of fluid of which 235 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38

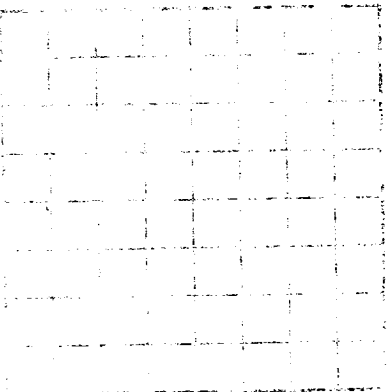
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. F. Pallier, Driller T. A. Benson, Driller
H. T. Marshall, Driller Hardham Drilling Company, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>3</u>	<u>3</u>	<u>Cellar</u>
<u>3</u>	<u>25</u>	<u>22</u>	<u>Sand</u>
<u>25</u>	<u>30</u>	<u>55</u>	<u>Red bed</u>
<u>30</u>	<u>150</u>	<u>120</u>	<u>Gyr</u>
<u>150</u>	<u>260</u>	<u>110</u>	<u>Red bed</u>
<u>260</u>	<u>340</u>	<u>80</u>	<u>Salt</u>
<u>340</u>	<u>400</u>	<u>60</u>	<u>Salt & Potash</u>
<u>400</u>	<u>545</u>	<u>145</u>	<u>Salt</u>
<u>545</u>	<u>605</u>	<u>60</u>	<u>Salt & Potash</u>
<u>605</u>	<u>625</u>	<u>20</u>	<u>Salt</u>
<u>625</u>	<u>1715</u>	<u>1090</u>	<u>Anhydrite</u>
<u>1715</u>	<u>1735</u>	<u>20</u>	<u>Red bed</u>
<u>1735</u>	<u>2085</u>	<u>350</u>	<u>Anhydrite</u>
<u>2085</u>	<u>2430</u>	<u>1345</u>	<u>Time</u>
Markers:			
<u>Top Salt</u>		<u>260</u>	
<u>Base Salt</u>		<u>625</u>	
<u>Top Queen</u>		<u>1700</u>	
<u>Top Grayburg</u>		<u>2085</u>	
<u>Top San Andres</u>		<u>2430</u>	



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
100 OF OIL OR GAS WELLS

1. Name of well, location, and owner.
2. Date of completion.
3. Name of operator.
4. Name of engineer.
5. Name of geologist.
6. Name of geophysicist.
7. Name of chemist.
8. Name of physicist.
9. Name of biologist.
10. Name of other personnel.

11. Description of well.
12. Description of formation.
13. Description of reservoir.
14. Description of production.
15. Description of completion.
16. Description of testing.
17. Description of logging.
18. Description of seismicity.
19. Description of other data.

20. Description of other data.
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U. S. GOVERNMENT PRINTING OFFICE 10-43004-1			
FROM—	TO—	TOTAL FEET	FORMATION