Form 9-330

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

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028775 A
LEASE OR PERMIT TO PROSPECT

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 F. M. Robinson Field Grayburg-Jackson State New Mexico
Well No. 3-A Sec. 35 T. 17 R. 29 Meridian NMPM County Eddy
Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of W Line of Sec. 35 Elevation 3561
(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 O Macey

Date April 23, 1946 Title Superintendent

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

Commenced drilling February 24, 1946 Finished drilling April 14, 1946, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2560 to 70
No. 2, from 3104 to 3110
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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
8 1/4"				455					
7"				2944					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/4"	455	50	Haliburton		2
7"	2944	100	"		5

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 3140 feet, and from feet to feet

DATES

April 23, 1946, 19 Put to producing April 18, 1946

The production for the first 24 hours was 129 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36

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.Co. (Contractor), Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	175	175	Red Beds
175	230	55	Gyp and red beds
230	390	160	Red Shale
390	760	370	Salt
760	775	15	Anhydrite
775	815	40	Anhydrite-broken
815	950	135	Anhydrite
950	1065	115	Anhydrite-broken
1065	1100	35	Anhydrite-broken
1100	1165	35	Anhydrite
1165	1280	115	Anhydrite-broken
1280	1310	30	Anhydrite
1310	1350	40	Anhydrite-broken
1350	1610	260	Anhydrite
1610	1705	95	Anhydrite-broken
1705	1915	210	Anhydrite
1915	1945	30	Red Sand
1945	1990	45	Anhydrite
1990	2015	25	Anhydrite-broken
2015	2079	64	Anhydrite
2079	2085	6	Lime-brown
2085	2090	5	Lime-gray
2090	2150	60	Anhydrite

(OVER)

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2150	2180	30	Anhydrite-broken
2180	2210	30	Anhydrite
2210	2245	35	Anhydrite-broken
2245	2300	55	Anhydrite
2300	2310	10	Lime
2310	2335	25	Lime-Broken
2335	2375	40	Lime-gray
2375	2705	330	Lime
2705	2725	20	Lime-broken
2725	3140	415	Lime

HISTORY OF OIL OR GAS WELL

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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.

200' oil in hole natural. Treated with 2000 gallons acid from 3088' to 3140' after which flowed 40 bbl. oil in four hours. Treated with 4000 gallons acid from 2980' to 3140' after which flowed 129 bbl. oil per day. Ran Dowell's Electric Pilot Survey from 2944 to Total Depth 3140'.