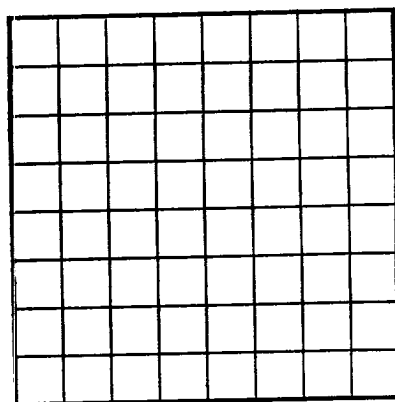


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028775 B
LEASE OR PERMIT TO PROSPECT _____

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 F. M. Robinson Field Grayburg-Jackson State New Mexico
Well No. 19-B Sec. 34 T. 17S R. 29E Meridian NMPM County Eddy
Location 1980 ft. (N.) of S. Line and 660 ft. (E.) of E. Line of Section 34 Elevation 3534
(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.

Date September 26, 1947Signed W B Macey Title Superintendent

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

Commenced drilling May 5, 1947 Finished drilling July 15, 1947

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2554 to 2559 No. 4, from 3015 to _____
No. 2, from 2660 to 2665 (G) No. 5, from 3120 to 3234
No. 3, from 2840 to 2852 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—	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	460	50	Halliburton		
7"	3080	100	"		4 sks

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 3234 feet, and from _____ feet to _____ feet

DATES

Put to producing October 1, 1947

The production for the first 24 hours was 20 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

Frewer Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3	3	Cellar
3	15	12	Caliche
15	155	140	Red shale
155	175	20	Gyr
175	260	85	Anhydrite
260	380	120	Red shale
380	820	440	Salt
820	2016	1196	Anhydrite (Top Red Sand 2005)
2016	2041	25	Red sand
2041	2163	122	Anhydrite
2163	2190	27	Lime
2190	2395	205	Anhydrite
2395	3234	839	Lime (Top San Andres 2850) (Top Irvington 2980)

Production natural, bailed 5 gals. oil per hour. Treated @/2000 gals.
acid 3100-3234 after which swab .70 bbls. oil per hour for 2 hrs.
Retreated w/2000 3116-3234 after which swab 30 BO in 14 hrs.
" w/3000 3112-3234 " " 26 PO in 16 hrs.
" 2/4000 3112-3234 " " 19 BO in 7 hrs.

Completed on pump - 20 BOPD.

