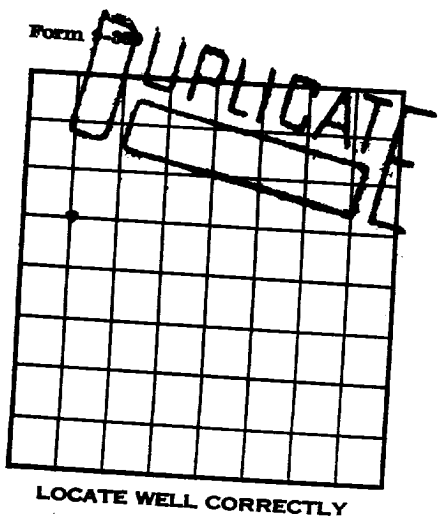
Form 9-331a



LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405-A
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico

Lessor or Tract Wm. Mitchell Field Maljamar State New Mexico

Well No. 12-A Sec. 19 T. 17S R. 32E Meridian N M P M County Lea

Location 1980 ft. {N.} of N Line and 660 ft. {E.} of W Line of Sec. 19 Elevation 3913
(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.

Date April 22, 1941 Signed _____

Title Vice President

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

Commenced drilling January 18, 1941 Finished drilling March 22, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2140 to 2160 G No. 4, from 3715 to 3720

No. 2, from 2950 to 2955 G No. 5, from 3940 to 3965

No. 3, from showing of oil @ 3500 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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 From—	Perforated To—	Purpose
8-5/8	28	10	J&L	822	Texas				
7"	20	10	J&L	3420	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	822	50 sacks	Halliburton		
7"	3420	150 sacks	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	We acidized this well with 9500 gallons of acid. This					
	increased it from 9 bbls per day to 30 barrels per day					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3984 feet, and from _____ feet to _____ feet

DATES

April 22, 1941 Put to producing April 19, 1941

The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. 36

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

EMPLOYEES

C. T. Hegwer, Driller H. H. McDonald, Driller

J. D. Combs, Driller A. H. Lewis, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand
50	500	450	Red beds
500	510	10	Red shale
510	547	37	Red beds
547	551	4	Shell and lime
551	610	59	Red rock
610	635	25	Anhydrite
635	640	5	Red beds
640	735	95	Anhydrite
735	740	5	Red shale
740	746	6	Anhydrite
746	790	44	Red shale
790	1785	995	Salt
1785	1980	195	Anhydrite
1980	1984	4	Red rock
1984	1990	6	Anhydrite
1990	1995	5	Red rock
1995	2395	400	Anhydrite
2395	2420	25	Lime and anhydrite
2420	2550	130	Anhydrite
2550	2565	15	Anhydrite and lime
2565	2590	25	Anhydrite
2590	2610	20	Lime
2610	2625	15	Anhydrite
2625	2660	35	Anhydrite and lime
2660	2950	290	Anhydrite

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
2950	2970	20	Red sand
2970	3070	100	Anhydrite
3070	3090	20	Anhydrite and shale
3090	3240	150	Anhydrite
3240	3270	30	Lime
3270	3285	15	Anhydrite
3285	3295	10	Lime
3295	3325	30	Broken lime
3325	3395	70	Lime
3395	3420	25	Anhydrite
3420	3520	100	Lime
3520	3530	10	Grey lime
3530	3984	454	Lime