

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029509-A**
LEASE OR PERMIT TO PROSPECT **Lease**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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

Lessor or Tract M. E. Baish Field Baish State New Mexico

Well No. 8-A Sec. 21 T. 17S R. 32E Meridian N M P M County Lea

Location 1980 ft. (N) of SW Line and 660 ft. (E) of W Line of Sec. 21 Elevation 4026
(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 _____

Date September 17, 1940 Title _____

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

Commenced drilling May 1, 1940 Finished drilling July 13, 1940

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3465 to 3470 G No. 4, from _____ to _____
 No. 2, from 4084 to 4096 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to **None**

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	Performance		Purpose
							From	To	
7"	20	8	J & L	3575	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	3575	150	Halliburton		

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
We acidized with 5500 gallons of acid using Dowell, Inc.						

TOOLS USED

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

Cable tools were used from 2350 feet to 4097 feet, and from _____ feet to _____ feet.

DATES

September 17, 1940 Put to producing July 20, 1940

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

_____ C. E. McGeorge _____, Driller
_____ E. Neelley _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2350	2520	170	Anhydrite
2520	2550	30	Anhydrite, gray
2550	2600	50	Anhydrite
2600	2815	215	Anhydrite, gray
2815	2820	5	Red beds and blue slate
2820	2860	40	Anhydrite
2860	2864	4	Red beds
2864	2905	41	Anhydrite
2905	2910	5	Red beds
2910	2970	60	Anhydrite
2970	2975	5	Red beds
2975	2995	20	Anhydrite
2995	3000	5	Red beds
3000	3035	35	Anhydrite
3035	3045	10	Anhydrite, hard
3045	3050	5	Anhydrite, soft
3050	3080	30	Anhydrite
3080	3095	15	Dark gray sand, sharp
3095	3100	5	Gray sand
3100	3115	15	Red sand
3115	3260	145	Anhydrite
3260	3280	20	Anhydrite & red bed
3280	3305	25	Anhydrite
3305	3315	10	Anhydrite, brown
3315	3340	25	Anhydrite

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3340	3365	25	Anhydrite and red rock
3380	3380	15	Sandy lime -- Some gas
3392	3392	12	Anhydrite and red rock
3405	3405	13	Sandy
3415	3415	10	Anhydrite
3420	3420	5	Brown lime
3430	3430	10	Anhydrite, hard
3445	3445	15	Red sand
3445	3460	5	Anhydrite
3460	3630	170	Lime
3630	3650	20	Anhydrite
3650	3730	80	Lime
3730	3740	10	Sandy lime
3740	3770	30	White lime
3770	3890	120	Lime
3890	3910	20	White lime
3910	3955	45	Lime
3955	3985	30	Gray lime
3985	3995	10	Lime and shale
3995	4005	10	Light gray lime
4005	4015	10	Lime and shale
4015	4030	15	White lime
4030	4084	54	White lime
4084	4091	7	Lime shale
4091	4093	2	White lime and blue shale
4093	4096	3	Lime
4096	4097	1	White lime

HISTORY OF OIL OR GAS WELL

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.

This well was completed March 7, 1937, at a depth of 2350 feet which is the shallow production in this area. It was produced from that date until April 1940 when production had fallen off until this was not a commercial well and application was made and properly approved to deepen the well and finished to a depth of 4097 feet.

4084 - 4096 the well produced only 5 barrels per day. This horizon was acidized with 5500 gallons of acid and on the first 24 hour test it produced 200 barrels.