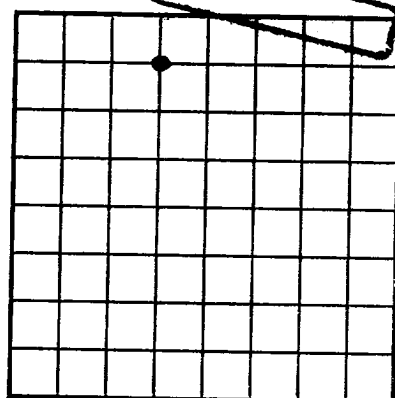


**DUPLICATE**

U. S. LAND OFFICE Las Cruces  
 SERIAL NUMBER 029408-A  
 LEASE OR PERMIT TO PROSPECT .....



LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

**RECEIVED**  
 AUG 20 1951  
 OIL CONSERVATION COMMISSION  
 WELLS OFFICE

**LOG OF OIL OR GAS WELL**

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico  
 Lessor or Tract Wm. Mitchell A Field Maljamar State New Mexico  
 Well No. A-17 Sec. 20 T. 17 SR. 32 Meridian N.M.P.M. County Lea  
 Location 660 ft. {N.} of N. Line and 1980 ft. {E.} of W. Line of Sec 20-17-32 Elevation 3988  
(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 J. C. Vandeventer  
 Title Superintendent

Date July 12, 1944

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

Commenced drilling April 8, 1944 Finished drilling June 6, 1944

**OIL OR GAS SANDS OR ZONES**

*(Denote gas by G)*

No. 1, from 3675 to 3690 No. 4, from 4000 to 4052  
 No. 2, from 3725 to 3730 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 3820 to 3825 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from 610 to 625 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 650 to 660 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-	
8 5/8	20	4	None	100	None	0			None
7	20	4	None	100	None	0			None

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	802	50	Pump		20 sacks
7	5616	150	Pump		15 sacks aquagel

**PLUGS AND ADAPTERS**

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material None Size \_\_\_\_\_

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
160 qts	5"	Nitroglycerin	160 qts	6/8	4000 - 4041	4052

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 4052 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

June 24, 1944 Put to producing June 1, 1944  
 The production for the first 24 hours was 146 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 2/10 % sediment. Gravity, °Bé. 38.7  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. BHP 1191

**EMPLOYEES**

W. C. Karr, Driller Ray Burkhart, Driller  
Ray Shelp, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	5	5	Surface
5	15	10	Caliche
15	75	60	Red Sand & Red Bed
75	155	80	Red Bed and Shale
155	565	410	Red Shale
565	610	45	Red Shale, Sandy-water
610	625	15	Sand - 1/2 bails water per hr.
625	642	17	Red Shale
642	650	8	Anhydrite
650	660	10	Sand - 5 bails wtr per hr.
660	695	35	Red Shale
695	875	180	Anhydrite
875	925	50	Salt & Anhydrite
925	950	25	Salt
950	970	20	Anhydrite
970	1855	885	Salt
1855	3010	1155	Anhydrite - Show of gas at 2505
3010	3050	40	Sand - 3,000,000 ft gas - 3010
3050	3055	5	Anhydrite
3055	3060	5	Sand & Anhydrite
3060	3400	340	Shale and Sand
3400	3420	20	Green Lime
3420	3675	255	Lime - Show gas at 3420 - 3626
3675	3690	15	Lime - Show oil at 3680

U. S. LAND OFFICE  
 SERIAL NUMBER  
 LEASE OR PERMIT TO PROSPECT

DUPLICATE

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LOCATE WELL CORRECTLY

**LOG OF OIL OR GAS WELL**

DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 UNITED STATES

**RECEIVED**

AUG 20 1921

OIL CONSERVATION COMMISSION  
 FEDERAL OFFICE

Company Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Lessor or Trust: \_\_\_\_\_ Field No.: \_\_\_\_\_ State: \_\_\_\_\_  
 Well No.: \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
 Location: \_\_\_\_\_ of \_\_\_\_\_ line and \_\_\_\_\_  
 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: \_\_\_\_\_

The summary on this page is for the condition of the well at above date.  
 Commenced drilling: \_\_\_\_\_ Finished drilling: \_\_\_\_\_

**OIL OR GAS SANDS OR ZONES**

No. 1 from	No. 2 from	No. 3 from
No. 1 from _____ to _____	No. 2 from _____ to _____	No. 3 from _____ to _____
No. 1 was washed and drilled and as soon as another sand zone was reached		
while drilling with Hydro Sand _____		
while cleaning out on June 8, 1921, into well casing line		

**CASING RECORD**

Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and used from	Perforated	Purpose
_____	_____	_____	_____	_____	_____	_____	_____	_____

It is of the greatest importance to have a complete history of the well. Please state in detail the nature 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 "sinker" or left in the well, give the size and location. If the casing has been damaged, give date, size, position, and nature of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

**HISTORY OF OIL OR GAS WELL**

FROM	TO	TOTAL FEET	FORMATION
3680	3700	20	Shale
3700	3720	20	Shale
3720	3740	20	Shale
3740	3760	20	Shale
3760	3780	20	Shale
3780	3800	20	Shale
3800	3820	20	Shale
3820	3840	20	Shale
3840	3860	20	Shale
3860	3880	20	Shale
3880	3900	20	Shale
3900	3920	20	Shale
3920	3940	20	Shale
3940	3960	20	Shale
3960	3980	20	Shale
3980	4000	20	Shale
4000	4020	20	Shale
4020	4040	20	Shale
4040	4060	20	Shale
4060	4080	20	Shale
4080	4100	20	Shale
4100	4120	20	Shale
4120	4140	20	Shale
4140	4160	20	Shale
4160	4180	20	Shale
4180	4200	20	Shale
4200	4220	20	Shale
4220	4240	20	Shale
4240	4260	20	Shale
4260	4280	20	Shale
4280	4300	20	Shale
4300	4320	20	Shale
4320	4340	20	Shale
4340	4360	20	Shale
4360	4380	20	Shale
4380	4400	20	Shale
4400	4420	20	Shale
4420	4440	20	Shale
4440	4460	20	Shale
4460	4480	20	Shale
4480	4500	20	Shale
4500	4520	20	Shale
4520	4540	20	Shale
4540	4560	20	Shale
4560	4580	20	Shale
4580	4600	20	Shale
4600	4620	20	Shale
4620	4640	20	Shale
4640	4660	20	Shale
4660	4680	20	Shale
4680	4700	20	Shale
4700	4720	20	Shale
4720	4740	20	Shale
4740	4760	20	Shale
4760	4780	20	Shale
4780	4800	20	Shale
4800	4820	20	Shale
4820	4840	20	Shale
4840	4860	20	Shale
4860	4880	20	Shale
4880	4900	20	Shale
4900	4920	20	Shale
4920	4940	20	Shale
4940	4960	20	Shale
4960	4980	20	Shale
4980	5000	20	Shale
5000	5020	20	Shale
5020	5040	20	Shale
5040	5060	20	Shale
5060	5080	20	Shale
5080	5100	20	Shale
5100	5120	20	Shale
5120	5140	20	Shale
5140	5160	20	Shale
5160	5180	20	Shale
5180	5200	20	Shale
5200	5220	20	Shale
5220	5240	20	Shale
5240	5260	20	Shale
5260	5280	20	Shale
5280	5300	20	Shale
5300	5320	20	Shale
5320	5340	20	Shale
5340	5360	20	Shale
5360	5380	20	Shale
5380	5400	20	Shale
5400	5420	20	Shale
5420	5440	20	Shale
5440	5460	20	Shale
5460	5480	20	Shale
5480	5500	20	Shale
5500	5520	20	Shale
5520	5540	20	Shale
5540	5560	20	Shale
5560	5580	20	Shale
5580	5600	20	Shale
5600	5620	20	Shale
5620	5640	20	Shale
5640	5660	20	Shale
5660	5680	20	Shale
5680	5700	20	Shale
5700	5720	20	Shale
5720	5740	20	Shale
5740	5760	20	Shale
5760	5780	20	Shale
5780	5800	20	Shale
5800	5820	20	Shale
5820	5840	20	Shale
5840	5860	20	Shale
5860	5880	20	Shale
5880	5900	20	Shale
5900	5920	20	Shale
5920	5940	20	Shale
5940	5960	20	Shale
5960	5980	20	Shale
5980	6000	20	Shale
6000	6020	20	Shale
6020	6040	20	Shale
6040	6060	20	Shale
6060	6080	20	Shale
6080	6100	20	Shale
6100	6120	20	Shale
6120	6140	20	Shale
6140	6160	20	Shale
6160	6180	20	Shale
6180	6200	20	Shale
6200	6220	20	Shale
6220	6240	20	Shale
6240	6260	20	Shale
6260	6280	20	Shale
6280	6300	20	Shale
6300	6320	20	Shale
6320	6340	20	Shale
6340	6360	20	Shale
6360	6380	20	Shale
6380	6400	20	Shale
6400	6420	20	Shale
6420	6440	20	Shale
6440	6460	20	Shale
6460	6480	20	Shale
6480	6500	20	Shale
6500	6520	20	Shale
6520	6540	20	Shale
6540	6560	20	Shale
6560	6580	20	Shale
6580	6600	20	Shale
6600	6620	20	Shale
6620	6640	20	Shale
6640	6660	20	Shale
6660	6680	20	Shale
6680	6700	20	Shale
6700	6720	20	Shale
6720	6740	20	Shale
6740	6760	20	Shale
6760	6780	20	Shale
6780	6800	20	Shale
6800	6820	20	Shale
6820	6840	20	Shale
6840	6860	20	Shale
6860	6880	20	Shale
6880	6900	20	Shale
6900	6920	20	Shale
6920	6940	20	Shale
6940	6960	20	Shale
6960	6980	20	Shale
6980	7000	20	Shale
7000	7020	20	Shale
7020	7040	20	Shale
7040	7060	20	Shale
7060	7080	20	Shale
7080	7100	20	Shale
7100	7120	20	Shale
7120	7140	20	Shale
7140	7160	20	Shale
7160	7180	20	Shale
7180	7200	20	Shale
7200	7220	20	Shale
7220	7240	20	Shale
7240	7260	20	Shale
7260	7280	20	Shale
7280	7300	20	Shale
7300	7320	20	Shale
7320	7340	20	Shale
7340	7360	20	Shale
7360	7380	20	Shale
7380	7400	20	Shale
7400	7420	20	Shale
7420	7440	20	Shale
7440	7460	20	Shale
7460	7480	20	Shale
7480	7500	20	Shale
7500	7520	20	Shale
7520	7540	20	Shale
7540	7560	20	Shale
7560	7580	20	Shale
7580	7600	20	Shale
7600	7620	20	Shale
7620	7640	20	Shale
7640	7660	20	Shale
7660	7680	20	Shale
7680	7700	20	Shale
7700	7720	20	Shale
7720	7740	20	Shale
7740	7760	20	Shale
7760	7780	20	Shale
7780	7800	20	Shale
7800	7820	20	Shale
7820	7840	20	Shale
7840	7860	20	Shale
7860	7880	20	Shale
7880	7900	20	Shale
7900	7920	20	Shale
7920	7940	20	Shale
7940	7960	20	Shale
7960	7980	20	Shale
7980	8000	20	Shale

**EMPLOYEES**  
 Driller: \_\_\_\_\_  
 Driller: \_\_\_\_\_

**TOOLS USED**  
 Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**DATES**  
 Put to producing \_\_\_\_\_ 1921  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment.  
 It gas well, cu. ft. per 24 hours \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**SHOOTING RECORD**

Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
_____	_____	_____	_____	_____	_____

**PLUGS AND ADAPTERS**

Material	Length	Depth set
_____	_____	_____

**MUDDING AND CEMENTING RECORD**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and used from	Perforated	Purpose
_____	_____	_____	_____	_____	_____	_____	_____	_____