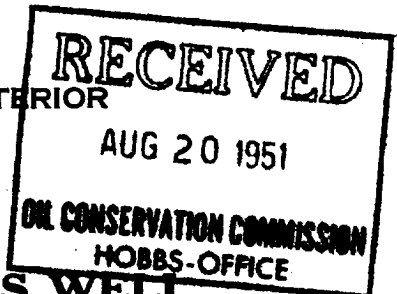


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029509-A
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
Lessor or Tract M. E. Baish Field Baish State New Mexico
Well No. 3 Sec. 21 T. 17S R. 32E Meridian N M P M County Lea
Location 330 ft. (N.) of S. Line and 330 ft. (W.) of E. Line of NE 1/4 NW 1/4 21 Elevation 4057
(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 [Signature]
Date November 15, 1932 Title Manager

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

Commenced drilling March 30, 1930 Finished drilling July 3, 1930

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2842 to 2845 G No. 4, from 3760 to 3770 O&G
No. 2, from 3150 to 3155 G No. 5, from 3925 to 3930 O&G
No. 3, from 3605 to 3610 Oil No. 6, from 3996 to 4029 Oil

IMPORTANT WATER SANDS

No. 1, from 740 to 745 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—	
<u>12 1/2</u>	<u>50</u>	<u>8</u>	<u>Ygstrn</u>	<u>785</u>	<u>Texas</u>	<u>All pulled</u>			
<u>10</u>	<u>40</u>	<u>8</u>	<u>Ygstrn</u>	<u>1074</u>	<u>Texas</u>	<u>All pulled</u>			
<u>8</u>	<u>32</u>	<u>8</u>	<u>Ygstrn</u>	<u>2833</u>	<u>Texas</u>	<u>Cemented to top of hole</u>			
<u>6-5/8</u>	<u>26</u>	<u>10</u>	<u>Ygstrn</u>	<u>3807</u>	<u>Texas</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
			<u>None</u>		

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
		<u>DID NOT SHOOT</u>				

TOOLS USED

Rotary tools were used from NONE feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 4167 feet, and from _____ feet to _____ feet

DATES

Put to producing July 4, 1930The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 35.5

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 810

EMPLOYEES

C. F. McGeorge, Driller C. E. Daniel, Driller
_____, Driller A. Crandall, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>110</u>	<u>110</u>	<u>110</u>	<u>Red beds</u>
<u>110</u>	<u>155</u>	<u>45</u>	<u>Brown slate</u>
<u>155</u>	<u>165</u>	<u>10</u>	<u>Light brown slate</u>
<u>165</u>	<u>200</u>	<u>35</u>	<u>Sandy lime</u>
<u>200</u>	<u>230</u>	<u>30</u>	<u>Red beds</u>
<u>230</u>	<u>240</u>	<u>10</u>	<u>Gyp</u>
<u>240</u>	<u>250</u>	<u>10</u>	<u>Red beds</u>
<u>250</u>	<u>270</u>	<u>20</u>	<u>Gyp</u>
<u>270</u>	<u>350</u>	<u>80</u>	<u>Brown slate</u>
<u>350</u>	<u>400</u>	<u>50</u>	<u>Pink shale</u>
<u>400</u>	<u>445</u>	<u>45</u>	<u>Brown & pink slate</u>
<u>445</u>	<u>515</u>	<u>85</u>	<u>Pink shale</u>
<u>515</u>	<u>520</u>	<u>5</u>	<u>Shells</u>
<u>520</u>	<u>565</u>	<u>45</u>	<u>Pink slate</u>
<u>565</u>	<u>574</u>	<u>9</u>	<u>Brown slate</u>
<u>574</u>	<u>580</u>	<u>6</u>	<u>Pink slate</u>
<u>580</u>	<u>590</u>	<u>10</u>	<u>Hard grey lime, sandy</u>
<u>590</u>	<u>610</u>	<u>20</u>	<u>Pink sandy shale</u>
<u>610</u>	<u>635</u>	<u>25</u>	<u>Red sand, sharp, shelly</u>
<u>635</u>	<u>660</u>	<u>25</u>	<u>Red sand</u>
<u>660</u>	<u>686</u>	<u>26</u>	<u>Brown slate</u>
<u>686</u>	<u>721</u>	<u>35</u>	<u>Pink sandy shale</u>
<u>721</u>	<u>785</u>	<u>64</u>	<u>Brown slate</u>
<u>785</u>	<u>810</u>	<u>25</u>	<u>Brown slate, sandy</u>
<u>810</u>	<u>840</u>	<u>30</u>	<u>Brown slate</u>
<u>840</u>	<u>845</u>	<u>5</u>	<u>Gyp</u>

RECEIVED

RECEIVED
OIL CONSERVATION COMMISSION
HOBBS-OFFICE
APR 5 1921

UNITED STATES
DEPARTMENT OF THE INTERIOR

LOG OF THE OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company:
Loc:
Well:
Name:
No.
Date:
The following log was made by
The log was made by
The log was made by

3420	3440	20	Sandy lime
3410	3420	10	Red sand
3395	3410	15	lime
3380	3395	15	Red rock
3370	3380	10	lime
3360	3370	10	Red rock
3335	3360	25	Red bed
3325	3335	10	Anhydrite
3305	3325	20	Red beds
3215	3305	90	Gray lime
3210	3215	5	Blue anhydrite
3185	3210	25	Gray anhydrite
3167	3185	18	Red bed
3165	3167	2	Gray lime
3163	3165	2	Hard lime
3155	3163	8	Red sand
3150	3155	5	Light gray sand
3145	3150	5	Hard lime shells
3140	3145	5	Gray lime
3125	3140	15	lime
3115	3125	10	Blue shale

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 withdrawn or left in the well, give its size and location. If the well has been dynamited, give date, 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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
845	850	5	Gray lime, hard
850	863	13	Cloudy gyp
863	865	2	Red rock
865	882	17	Gyp
882	925	43	Gyp, lime shells
925	960	35	Gray lime and gyp
960	965	5	Cloudy gyp
965	970	5	Brown slate
970	977	7	lime shell, hard
977	1025	38	Red bed
1025	1037	12	Salt
1037	1045	8	Red bed
1045	1065	20	Salt
1065	1072	7	Red bed
1072	1074	2	Salt
1074	1125	51	Red bed and salt
1125	1135	10	White lime
1135	1185	50	Gyp, white lime, salt
1185	1205	20	Salt
1205	1210	5	Gyp
1210	1300	90	Salt
1300	1390	90	Salt
1390	1405	15	Salt
1405	1410	5	Gyp
1410	1475	65	Salt
1475	1525	50	Potash
1525	1640	115	Salt
1640	1725	85	Salt, potash shells
1725	1850	125	Salt, gyp shells
1850	1890	40	White salt
1890	1960	70	Salt, gyp
1960	1995	35	White salt
1995	2130	135	Clouded gyp
2130	2155	25	Hard lime gray
2155	2170	15	Gray anhydrite
2170	2195	25	Cloudy gyp
2195	2205	10	Pink slate
2205	2220	15	Gyp
2220	2300	80	Cloudy gyp
2300	2310	10	Pink slate
2310	2330	20	White gyp
2330	2390	60	Cloudy gyp
2390	2405	15	lime
2405	2415	10	Gray lime
2415	2485	70	Cloudy gyp
2485	2495	10	Gray sand, soft
2495	2530	35	Cloudy gyp, shelly
2530	2565	35	Sandy lime
2565	2615	50	Gray lime
2615	2815	200	Hard gray lime
2815	2838	23	lime
2838	2842	4	Hard shell
2842	2845	3	Sandy lime
2845	2855	10	Gray lime
2855	2880	25	Light gray lime, soft
2880	2895	15	Cloudy gyp
2895	2912	17	Light gray lime
2912	2918	6	Red bed
2918	2940	22	Sandy lime
2940	2950	10	Red bed
2950	2960	30	Sandy lime
2960	3070	90	Red beds & lime
3070	3095	23	Gray lime, soft
3095	3115	20	Gray lime

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
3440	3458	18	Anhydrite
3458	3465	7	Gray sand
3465	3480	15	Brown anhydrite
3480	3495	15	Anhydrite
3495	3505	10	Red bed
3505	3515	10	Lime
3515	3525	10	Gray lime
3525	3535	10	Blue lime
3535	3560	25	Dark Gray lime
3560	3655	90	Gray lime 3605-10 show oil
3655	3670	15	Gray sand
3670	3685	15	Gray lime
3685	3705	20	Sandy lime
3705	3725	20	Gray lime
3725	3760	35	White lime
3760	3770	10	Lime Show gas & oil
3770	3780	10	Broken lime
3780	3788	8	White lime, sdy
3788	3794	6	Brown sand
3794	3808	14	Sand
3808	3832	24	White sand
3832	3837	5	Lime, gray
3837	3848	11	White sand
3848	3850	2	Lime shells
3850	3854	4	Lime
3854	3857	3	Sand
3857	3877	20	Light gray lime
3877	3900	23	White lime
3900	3925	25	Gray lime
3925	3930	5	Sand Show Oil & Gas
3930	3996	66	Gray lime
3996	4000	4	White sand, soft. show of oil
4000	4005	5	Gray lime & Green shale
4005	4012	7	Lime
4012	4017	5	Sandy lime
4017	4022	5	Gray lime
4022	4038	16	Sandy lime Show Oil
4038	4090	52	Light gray lime
4090	4104	14	Gray lime
4104	4108	4	Sandy lime
4108	4123	15	Gray lime, soft
4123	4127	4	White lime, soft
4127	4137	10	Brown sandy lime
4137	4140	3	Gray lime, soft
4140	4145	5	White lime
4145	4165	20	Soft Sandy lime
4165	4169	4	White lime
4169	Total depth		

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 commenced March 21, 1930 and was completed to a depth of 4169 feet on July 3, 1930. It was started with a 15 1/2" hole and 12 1/2" casing run to a depth of 785 feet, and 10" casing was set at a depth of 1074 feet. The well was then drilled to a depth of 233 feet and at this depth 8 1/4" casing was set and cemented with 375 sacks cement, the cementing work being done by the Halliburton Oil Well Cementing Company, and at the same time, the 12 1/2" and 10" casing was pulled. The 8 1/4" pipe being cemented to the top of the ground and the cellar properly filled with cement. This well was never shot.

At 740 feet a slight showing of water was encountered, this being the only important water sand in the well. A showing of gas was found at 2842 feet and at 3150 to 3155 feet about 3 million feet of gas was encountered. The rock pressure being 810#. This gas however would not burn. At 3605 feet a slight showing of oil was encountered, also at 3760 and 3925 feet, and at 3996 to 4029 we encountered the main body of oil and on the first 24 hour test this well made 150 barrels of oil with no water.

The pulling of the 12 1/2" and 10" casing was approved by E. A. Hanson, District Engineer of Roswell, New Mexico.

Location	in { 27 } of	Time and	in { 14 } of	Time of	Elevation
Well No.	Sec.	T.	R.	Meridian	County
Owner or Trust				Elev.	State
Company				Address	

ГОСУДЕ МЕТТ СОВВЕСИГА

A large rectangular area filled with a uniform grid of small squares, resembling graph paper or a ledger page. The grid consists of approximately 10 columns and 15 rows of squares.

ГОС ОЕ ОИГ ОБ СВЗ МЕГГ

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LETTER OF INTENT TO PROTECT

205777 Z LRBEB

DEFERRED OFFICE

U. S. Land Office

Serial Number

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company

Lessor or Tract

Address

Field

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County

Meridian

Sec.

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