

DUPLICATE

Bureau No. 42-R355.1.
 Val expires 11-30-49.

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

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

RECEIVED
 AUG 20 1951
 OIL CONSERVATION COMMISSION
 WELLS-OFFICE

LOG OF OIL OR GAS

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
 Lessor or Tract Baish A Field Maljamar State New Mexico
 Well No. 15A Sec. 21 T. 17S R. 32E Meridian N M P M County Lea
 Location 1980 ft. {N.} of S Line and 1980 ft. {E.} of W Line of Sec. 21 Elevation _____
 (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.

Signed _____

Date 9-28-42 Title _____

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

Commenced drilling 1-7-42, 19____ Finished drilling 9-27, 19 42

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

No. 1, from 2335 to 2350 No. 4, from 3545 to 3560 G
 No. 2, from 2527 to 2535 No. 5, from 3715 to 3750 O&G
 No. 3, from 3410 to 3425 G No. 6, from 3945 to 3995 O

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		Purpose
							From—	To—	
8-5/8	28	10	J&L	868	Texas				
7"	20	10	J&L	2800	Texas	Pulled after running 5 1/2" casing			
5 1/2"	17	10	J&L	3610	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	868	50	Halliburton		
7"	2800	None	Halliburton	Mudded to top of hole	
5 1/2"	3610	150	Halliburton	40 sacks	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3 1/2" shell		Nitro	100 qt	9-11-42	3945-3995	Cleaned out to bottom

TOOLS USED

Rotary tools were used from 3610 feet to 4000 feet, and from _____ feet to _____ feet
 Cable tools were used from 0 feet to 3610 feet, and from _____ feet to _____ feet

DATES

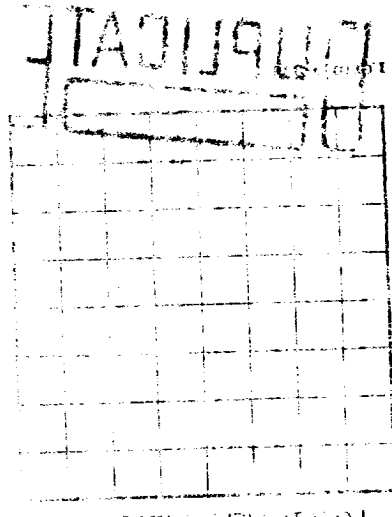
Sept. 28, 1942 Put to producing As of October 1, 19 42
 The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. R. Grandall, Driller O. C. Bean, Driller
W. I. Owen, Driller Everit O'Neal, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red sand
50	100	50	Red sand and red rock
100	140	40	Gyp
140	635	495	Red rock
635	660	25	Red sandy shale
660	685	25	Grey sand
685	723	38	Red rock
723	730	7	Sand & Gravel
730	770	40	Red rock
770	905	135	Anhydrite
905	915	10	Red bed
915	920	5	Anhydrite
920	955	35	Red rock
955	1140	185	Salt
1140	1155	15	Anhydrite
1155	1265	110	Salt & Potash
1265	1295	30	Salt
1295	1310	15	Red Rock
1310	1420	110	Salt, Red bed, potash
1420	1955	535	Salt
1955	2200	245	Anhydrite
2200	2225	25	Red rock, anhydrite
2225	2450	225	Anhydrite
2450	2455	5	Oil sand
2455	2765	310	Anhydrite
2765	2770	5	Lime & Anhydrite
2770	3050	280	(over) Anhydrite



RECEIVED
NOV 20 1942
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASH. FIELD OFFICE

LOG OF OIL OR GAS WELL

Geological Survey
Department of the Interior
Bureau of Land Management
Washington, D. C.
Field Office
Log of Oil or Gas Well
No. 15-A
M. E. Baish Well
Location: ...
Date: ...
Drilled by: ...
Cased by: ...
Produced by: ...
Remarks: ...

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 "struck" 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.

HISTORY OF OIL OR GAS WELL

On Feb. 14, 1942, we received approval to change plans. These plans called for the setting of 7" casing and mudding off of all the old horizons. We then drilled to 3610 feet at which point we ran 5" casing and cemented with 150 sacks of cement and at the time of running the 5" casing we pulled the 7" casing. This work was done on Feb. 25, 1942. At the depth of 3580 feet we struck approximately 10 million feet of gas. When we cemented the 5" casing we ran six tons of mud ahead of the 150 sacks of cement. After letting the cement set for 72 hours we made tests and found that all water, gas and oil had been properly shut off. We drilled the 7" before mudding and cementing the 5" casing.

We then drilled ahead and at a depth of 3757 feet we lost a string of tools and due to the size of the hole it was impossible to fish them out. We then filled a notice of intention to change plans and set a whipstock made of 4" drill pipe 30 feet long at approximately 3662 feet. We then resumed drilling operations. This did not prove satisfactory and we set a second whipstock on July 1, 1942, and cemented with 10 sacks of cement. We let the cement set for 4 days and then replaced the cable tool drill- ing equipment with reverse circulation rotary equipment which was used to drill the well to 4000 feet. The second whipstock was set so that the top of it was at approximately 3550 feet, therefore when the rotary equipment started drilling they drilled thru the 5" casing and con- tinued to 4000.

FROM-	TO-	TOTAL FEET	FORMATION
3050	3055	5	Lime
3055	3080	25	Lime and anhydrite
3080	3105	25	Anhydrite
3105	3130	25	Lime
3130	3140	10	Red sand
3140	3170	30	Lime
3170	3220	50	Anhydrite
3220	3230	10	Lime
3230	3255	25	Lime and anhydrite
3255	3270	15	Anhydrite
3270	3285	15	Red sand
3285	3385	100	Anhydrite
3385	3395	10	Sand
3395	3410	15	Anhydrite
3410	3425	15	Anhydrite, hard
3425	3440	15	Lime
3440	3460	20	Anhydrite
3460	3580	120	Lime
3580	3590	10	Gas sand
3590	3738	148	Lime
3738	3945	207	Lime
3945	4000	55	Sandy lime, Main pay