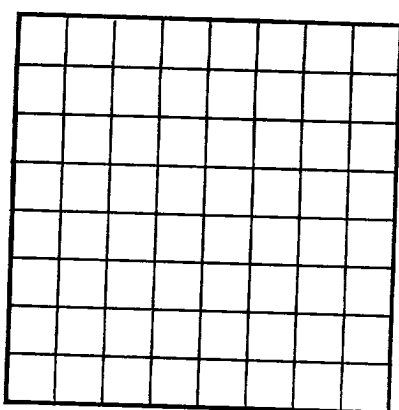




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029509-A

LEASE OR PERMIT TO PROSPECT Lse

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

AUG 20 1951

CONSERVATION COMMISSION
HOBBS-OFFICE

LOG OF OIL OR GAS

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
Lessor or Tract Baish Field Baish State New Mexico
Well No. 13-A Sec. 21 T. 17S R. 32E Meridian NMPM County Lea
Location 660 ft. (N.) of S Line and 660 ft. (E.) of W. Line of Sec. 21 Elevation 3972
(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 Feb. 27, 1940

Title _____

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

Commenced drilling Sept. 28, 19 40 Finished drilling Dec. 15, 19 40

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2295 to 2305 No. 4, from 3585 to 3590
No. 2, from 2500 to 2510 No. 5, from 3785 to 3790
No. 3, from 3090 to 3100 No. 6, from 4020 to 4048

IMPORTANT WATER SANDS

No. 1, from 765 to 770 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"	28	10	J&L	888	Texas				
7"	20	10	J&L	3552	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	888	50 sacks	Halliburton		
7"	3552	150 "	"		

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
		Did not shoot				

TOOLS USED

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

Cable tools were used from 0 feet to 4062 feet, and from _____ feet to _____ feet

DATES

Feb. 27, 19 40 Put to producing Dec. 10, 19 40

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

Willard Beaty, Driller J. Nellis, Driller

Pat Gormley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110		Surface Sand and Gyp
110	150		Red bed
150	185		Gyp
185	280		Red mud
280	300		Brown Shale
300	315		Red mud
315	370		Red Bed
370	435		Red Shale
435	480		Red Bed
480	530		Sandy Shale
530	555		Sandy & Red rock
555	675		Sand
675	740		Red Rock
740	765		Red Shale
765	775		Gyp
775	880		Anhyd. (Water 765-770')
880	885		Blue Shale
885	900		Anhyd.
900	925		Gyp & Anhyd.
925	945		Gyp Shells & Red Beds
945	980		Salt & Red beds
980	1000		Salt
1000	1045		Salt & Polyhalite
1045	1155		Salt
1155	1215		Salt & Polyhalite
1215	1340		Salt
1340	1400		Salt & Polyhalite

HOBBY-OFFICE
ON CONSERVATION COMMISSION

244 20 20 20 20

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 "backtracked" 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

16-48084-1 U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TOTAL FEET	TO-	FROM-
Salt	1760		1400
Gyp, salt & polyhalite	1800		1760
Salt & polyhalite	1855		1800
Salt	1950		1855
Anhyd.	2160		1950
Anhyd. & shale	2200		2160
Anhyd. (oil show 2305')	2355		2200
Anhyd. & shale	2365		2355
Anhydrite	2430		2365
Anhydrite & sand (gas 2430')	2465		2430
Anhydrite (increase in gas 2465')	2470		2465
Anhydrite (oil show 2500'-2510')	2520		2470
Anhydrite & lime shells	2545		2520
Anhydrite & lime	2565		2545
Anhydrite & br. lime	2610		2565
Anhydrite	2660		2610
Anhydrite & shale	2685		2660
Lime & anhydrite	2710		2685
Anhydrite	2890		2710
Anhydrite & lime	2910		2890
Anhydrite	3000		2910
Anhydrite & lime	3025		3000
Anhydrite (gas 3098')	3125		3025
Lime	3135		3125
Anhydrite & lime shells	3155		3135
Anhydrite	3170		3155
Lime & anhydrite	3190		3170
Gray lime	3210		3190
Anhydrite	3240		3210
Anhydrite & lime	3265		3240
Anhydrite	3340		3265
Red rock	3365		3340
Red shale	3385		3365
Anhydrite & shale	3410		3385
Lime	3460		3410
Gray lime	3480		3460
Gray lime	3515		3480
Gray lime	3552		3515
Gray lime	3564		3552
Lime	3661		3564
White lime	3673		3661
Sandy lime (slight increase in gas)	3740		3673
Lime	3757		3740
Lime, sandy	3778		3757
Lime (show oil 3785-3790')	3987		3778
Gray lime	3997		3987
Lime	4000		3997
Lime, green shale	4007		4000
Lime	4020		4007
Oil sand	4048		4020
Lime	4062		4048

FORMATION RECORD—Continued