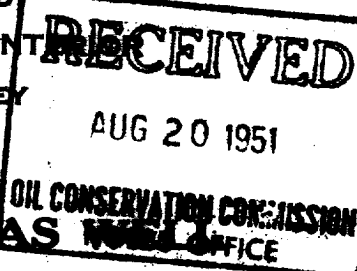


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029405-A

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Maljamar Oil and Gas Corp. Address Artesia, New Mexico
Lessor or Tract Wm. Mitchell A Field Maljamar State New Mexico
Well No. A-18 Sec. 20 T. 17S R. 32E Meridian N M P M County Lea
Location 660 ft. [S.] of N Line and 1980 ft. [W.] of E Line of Section 20 Elevation 4014
(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 /s/ H. G. EllisDate September 13, 1944Title Superintendent

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

Commenced drilling June 15, 1944 Finished drilling August 30, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3689 to 3729 Sand No. 4, from 3918 to 3978 Dolo.
No. 2, from 3880 to 3891 Sand No. 5, from 4027 to 4075 Dolo.
No. 3, from 3829 to 3877 Dolo. No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 660 to 665 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	8 rd	H-40	848	Regular	None	No		Water shut-off
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	848	50	Pump		10 sks aquagel
7	3659	150	"		15 sks aquagel

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
		Not shot				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 4080 feet, and from _____ feet to _____ feet

DATES

Put to producing Sept. 1, 1944

The production for the first 24 hours was 278 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.5

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. M. Cribbs, Driller _____, Driller
W. E. Nelson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	660	640	Red Beds
660	665	5	Water sand
665	753	88	Red Beds
753	857	104	Anhydrite
857	930	73	Red Beds and anhydrite
930	1930	1000	Salt
1930	3075	1145	Anhydrite
3075	3103	28	Artesia Red Sand
3103	3375	272	Anhydrite
3375	3465	90	Lime
3465	3689	224	Grayburg lime
3689	3694	5	Lime. Slight show oil and gas
3694	3825	131	Lime
3825	4080	255	San Andres lime
OIL PAYS			
3689	3694	5	Sand
3703	3729	26	Sand
3829	3842	13	Dolomite
3850	3877	27	Dolomite
3880	3891	11	Sand
3918	3925	7	Dolomite
3932	3950	18	Dolomite
3968	3978	10	Dolomite
4027	4075	48	Dolomite

FORMATION RECORD—Continued

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER 022452-A
U. S. LAND OFFICE
LAS CRUCES

RECEIVED
AUG 50 1951
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C.

LOCATE WELL CORRECTLY

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.

Location 625 ft. S. of N. line and ft. W. of E. line of Section 20

Well No. A-11 Sec. 20 T. 28 S. R. 32 E. Meridian N M P M

County Lee

State New Mexico

Address Aransas, New Mexico

Company Williams Oil and Gas Corp.

Lessors or Trust Wm. Mitchell A

Completed drilling June 15, 1944
August 30, 1944

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

Date September 13, 1944
Title Subintendant

OIL OR GAS SANDS OR ZONES

No. 1, from		No. 2, from		No. 3, from		No. 4, from		No. 5, from		No. 6, from	
3683	to	3680	to	3689	to	3729	to	4027	to	3777	to
(Denote gas by G)											
3678	to	3681	to	3691	to	3729	to	4027	to	3777	to

IMPORTANT WATER SANDS

No. 1, from	to	000	No. 3, from	to	
No. 2, from	to	.	No. 4, from	to	

CASING RECORD

Casing Size	Weight Per foot	Threads per inch	Make	Amount	Kind of shoe	Cost and drilled from		Purpose
						From—	To—	
5 1/8"	55	8	H	848	None			Water

MUDDING AND CEMENTING RECORD

Time of day	Water used	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5:45	100	50	Pump		10 gals. sand
6:00	100	150	"		15 gals. sand

PLUGS AND ADAPTERS

Material	Length	Depth set
Leaving plug		
Adapters - Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

totaly tools were used from	feet to	feet and from	feet to
able tools were used from	feet to	feet and from	feet to

DATE

It was well	cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas		
% water; and	% sediment		Gravity, °Be.	38.5	
The production for the first 24 hours was	278	barrels of fluid of which 100 % was oil;			%
		Put to producing	Sect. J.		1944

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
150.0	150.0	48	Dolomite
150.0	150.0	10	Dolomite
150.0	150.0	18	Dolomite
150.0	150.0	7	Dolomite
150.0	150.0	11	Sand
150.0	150.0	27	Dolomite
150.0	150.0	13	Dolomite
150.0	150.0	26	Sand
150.0	150.0	2	Sand
150.0	150.0	2	Sand
150.0	150.0	1000	Salt
150.0	150.0	73	Red Beds and anhydrite
150.0	150.0	104	Anhydrite
150.0	150.0	88	Red Beds
150.0	150.0	2	Water sand
150.0	150.0	640	Red Beds
150.0	150.0	20	Caliche
150.0	150.0	48	Dolomite
150.0	150.0	10	Dolomite
150.0	150.0	18	Dolomite
150.0	150.0	7	Dolomite
150.0	150.0	11	Sand
150.0	150.0	27	Dolomite
150.0	150.0	13	Dolomite
150.0	150.0	26	Sand
150.0	150.0	2	Sand
150.0	150.0	2	Sand
150.0	150.0	1000	Salt
150.0	150.0	73	Red Beds and anhydrite
150.0	150.0	104	Anhydrite
150.0	150.0	88	Red Beds
150.0	150.0	2	Water sand
150.0	150.0	640	Red Beds
150.0	150.0	20	Caliche