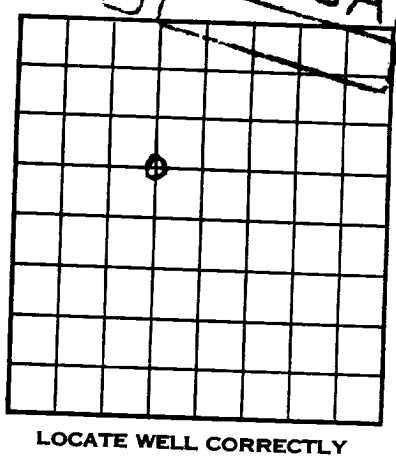
Form 9-330 DUPLICATE



LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405-A
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 20 1951
OIL CONSERVATION COMMISSION
ROSWELL, NEW MEXICO OFFICE

LOG OF OIL OR GAS WELL

Company Buffalo Oil Company Address Artesia, New Mexico

Lessor or Tract Wm. Mitchell "A" Field Maljamar State New Mexico

Well No. A-11 Sec. 19 T. 17 R. 32 Meridian N M P M County Lea

Location 1980 ft. {N.} of N Line and 1980 ft. {E.} of W Line of Sec. 19-17-32 Elevation 3955
(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 /s/ H. G. Ellis

Date January 11, 1945 Title Superintendent

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

Commenced drilling Dec. 16, 1944 Finished drilling Jan. 3, 1945

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3974 to 4000 No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

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 From—	Perforated To—	Purpose
		No change							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
		None			

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
3½"	Tin	Nitroglycerin	70 qt	12/29	3957-3993	3995

TOOLS USED

Rotary tools were used from 3891 feet to 4000 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Jan. 5, 1945 Put to producing ____, 19____

The production for the first 24 hours was 133 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.

Gravity, °Bé. 37.5

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

T. H. Byrum, Driller Beckman, Inc., Driller

J. W. Handley, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			DEEPENING RECORD
3891	4000	109	Lime

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

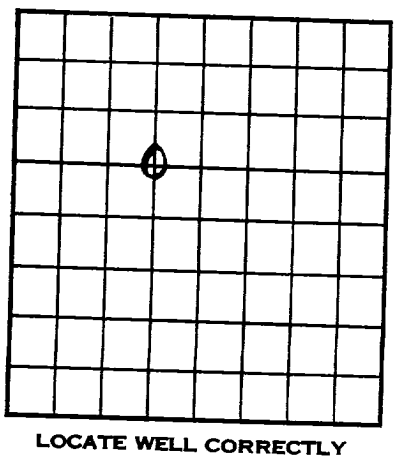
LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-330

t Bureau No. 42-R355.1.
val expires 11-30-49.



LOCATE WELL CORRECTLY

U. S. Land Office Las Cruces
Serial Number 029405-A
Lease or Permit to Prospect Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 20 1951
CONSERVATION COMMISSION
HOBBS, OFFICE

D E E P E N I N G

LOG OF OIL OR GAS WELL

Company Maljamar Oil and Gas Corp. Address Artesia, New Mexico
Lessor or Tract Wm. Mitchell "A" Field Maljamar State New Mexico
Well No. A-11 Sec. 19 T. 17 R. 32 Meridian N M P M County Lea
Location 1980 ft. {N.} of N Line and 1980 ft. {E.} of W Line of Sec. 19-17-32 Elevation 3955
(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 /s/ H. G. Ellis
Date October 24, 1944 Title Superintendent

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

Commenced drilling Sept. 29, 1944 Finished drilling Oct. 14, 1944

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ____ to ____ No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ 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 From—	Perforated To—	Purpose
5 1/2 OD	14	8 rd	H-40	65	Liner set by tools lost in the well. Bottom at 3808 and top at 3743, calsealed in, and equipped with a Larkin Guide shoe on bottom and a Texas pattern casing shoe on top.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	3808-3743	Liner calsealed with 21 sacks calseal which filled the hole from 3808 to 3734.			

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 3790 feet to 3885 feet, and from ____ feet to ____ feet

DATES

Oct. 16, 1944 Put to producing ____, 19____

The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.

Gravity, °Bé. 37.8

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3790	3885	95	Lime

Deepening Record

(over)

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
HOBBS OFFICE
OIL CONSERVATION COMMISSION
1951 OCT 10 AM

LOG AS WELL CORRECTED

FORM 9-330

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

LOCATE WELL CORRECTLY

DEEPENING

LOG OF OIL OR GAS WELL

Company Maljamar Oil and Gas Corp. Address Artesia, New Mexico

Lessor or Tract Wm. Mitchell "A" Field Maljamar State New Mexico

Well No. A-11 Sec. 19 T. 17 R. 32 Meridian N M P M County Lea

Location 1980 ft. {N.} of N Line and 1980 ft. {E.} of W Line of Sec. 19-17-32 Elevation 3955
(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 /s/ H. G. Ellis

Date October 24, 1944 Title Superintendent

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

Commenced drilling Sept. 29, 1944 Finished drilling Oct. 14, 1944

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ____ to ____ No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ 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 From—	Perforated To—	Purpose
5 1/2 OD	14	8 rd	H-40	65	Liner set by tools lost in the well. Bottom at 3808 and top at 3742, calsealed in, and equipped with a Larkin Guide shoe on bottom and a Texas pattern casing shoe on top.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	3808-3743	Liner calsealed with 21 sacks calseal which filled the hole from 3808 to 3734.			

PLUGS AND ADAPTERS

Heaving plug—Material None Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

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

TOOLS USED

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

Cable tools were used from 3790 feet to 3885 feet, and from ____ feet to ____ feet

DATES

Oct. 16, 1944 Put to producing ____, 19____

The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.

Gravity, °Bé. 37.8

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3790	3885	95	Lime

Deepening Record

(OVER)

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
HOBBS OFFICE
OIL CONSERVATION COMMISSION
1951 OCT 15 AM

LOG TO BE WELL CORRECTLY

FORM 9-330

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405-A
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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. 11A Sec. 19 T. 17 R. 32 Meridian N M P M County Lea

Location 1980 ft. {N.} of N Line and 1980 ft. {E.} of W Line of Sec. 19 Elevation ♦
(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 Nov. 15, 1942 Title

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

Commenced drilling Aug. 10, 1942 Finished drilling Nov. 10, 1942

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2160 to 2185 G No. 4, from 3579 to 3585

No. 2, from 2975 to 2985 G No. 5, from 3618 to 3650

No. 3, from 3418 to 3426 No. 6, from to

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 From—	Perforated To—	Purpose
8-5/8	28	10	J&L	745	Texas				
7"	20	10	J&L	3483	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	745	50	Halliburton	20 sacks	Heavy mud
7"	3453	150	"	40 sacks	Heavy mud

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3½ inch		Nitro glycerin	180 qt	10/31/42	3560 to 3650	
					Cleaned out to 3777	

TOOLS USED

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

Cable tools were used from 0 feet to 3777 feet, and from feet to feet

DATES

Nov. 15, 1942 Put to producing Nov. 15, 1942

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment.

Gravity, °Bé. 38

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. R. Evarts, Driller H. B. Mays, Driller

H. J. Walters, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand
50	110	60	Red shale
110	225	115	Red bed
225	320	95	Red mud
320	375	55	Sandy shale
375	490	115	Red bed sandy
490	540	50	Sand
540	635	95	Red rock sandy
635	775	140	Anhydrite
775	815	40	Red rock
815	820	5	Salt
820	880	60	Red rock and salt
880	940	60	Anhydrite and salt
940	1085	145	Salt and potash
1085	1130	45	Salt
1130	1165	35	Salt and potash
1165	1210	45	Salt ~~and anhydrite~~
1210	1285	75	Salt and anhydrite
1285	1435	150	Salt and potash
1435	1500	75	Salt
1500	1565	65	Salt and potash
1565	1685	120	Salt
1685	1795	110	Salt and potash
1795	1815	20	Salt
1815	1830	15	Anhydrite
~~FROM—~~	~~TO—~~	~~TOTAL FEET~~	~~FORMATION~~

(OVER)

LOG OF OIL OR GAS WELL—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1830	1870	40	Anhydrite and red bed
1870	1945	75	Anhydrite
1945	1975	30	Anhydrite and lime
1975	2005	30	Anhydrite
2005	2045	40	Anhydrite and red bed
2045	2100	55	Anhydrite and red bed
2100	2415	315	Anhydrite
2415	2470	55	Anhydrite and lime
2470	2495	25	Anhydrite
2495	2555	60	Anhydrite and lime
2555	2630	75	Anhydrite
2630	2675	45	Anhydrite and lime
2675	2815	140	Anhydrite
2815	2840	25	Anhydrite and red bed
2840	2968	128	Anhydrite
2968	2985	17	Red sand
2985	3020	35	Anhydrite
3020	3058	38	Anhydrite
3058	3075	17	Anhydrite and lime
3075	3125	50	Anhydrite
3125	3135	10	Anhydrite and lime
3135	3245	110	Anhydrite
3245	3275	30	Anhydrite and sandy shale
3275	3295	20	Sandy lime
3295	3340	45	Anhydrite and lime
3340	3425	85	Lime
3425	3433	8	Shale and lime
3433	3457	24	Lime
3457	3592	135	Lime
3592	3777	185	Lime

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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