

Form 9-230

A 10x10 grid with a small circle at the bottom center. The circle is located at the intersection of the 5th column from the left and the 1st row from the bottom.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

AUG 20 1951

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

DEEPENING LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico
Lessor or Tract Wm. Mitchell B Field Maljamar State New Mexico
Well No. B-6 Sec. 20 T. 17S R. 32E Meridian NMPM County Lea
Location 660 ft. { N } of S Line and 1980 ft. { E } of W Line of Sec. 20 Elevation 3957
(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 Oct. 23, 1945 Title Superintendent

Date Oct. 15, 1945
The summary on this page is for the condition of the well at above date.
Commenced drilling Aug. 23, 1945 Finished drilling Aug. 30, 1945

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

No. 1, from 3964 to 4027 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
		No. change			

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
4 1/2"	Tin	Nitroglycerin	190 qts	8-30-45	3964-4022	
4 1/2"	"	"	150 "	9-1-45	3729-3845	4027

TOOLS USED

Beckman, Inc.		TOOLS USED	
Reverse Circulation	3848	feet to 4027	feet, and from _____ feet to _____ feet
Rotary tools were used from			
Cable tools were used from			

DATES

Oct. 19	1945	Put to producing	19
The production for the first $2\frac{3}{4}$ hours was	45	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

		EMPLOYEES	
<u>Beckman, Inc.</u>	, Driller	<u>T. H. Byrum</u>	, Driller
	, Driller	<u>J. W. Handley</u>	, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
3848	4027	179	Lime

COLEMAN, N. E. - ROBERTSON,

HOBBBS-OFFICE
DIL CONSERVATION CENTER

PHOTOGRAPH SURVEY

LOG OF OIL OR GAS WELL

[illegible]

ALL OR GAS SANDS OR NONES

Clean out on this well was completed Sept. 10, 1945. Repeated swabbing through tubing failed to induce the well to flow until on Oct. 16, two Nixon flow valves were installed in the tubing; one at 450' from bottom and the other at 250' from bottom and bottom at 300'. Flow was then established and well is producing with a gas-oil ratio of 413 feet per barrel.

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 "saddled" 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

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 20 1951
OIL CONSERVATION COMMISSION
S WOODS-OFFICE

LOG OF OIL OR GAS

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
 Lessor or Tract Wm. Mitchell Field Baish State New Mexico
 Well No. 6-B Sec. 20 T. 17S R. 32E Meridian NMPM County Lea
 Location 660 ft. {N. of S. Line and 1980 ft. {E. of W. Line of Sec. 20 Elevation

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 April 22, 1941 Title Vice President

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

Commenced drilling Jan. 7 1941 Finished drilling April 4 19 41

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2240 to 2250 No. 4, from 3810 to 3848
 No. 2, from 2350 to 2360 G No. 5, from _____ to _____
 No. 3, from Show of gas @ 3692 to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from none to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	760	50 sacks	Halliburton		
7 "	3528	150 "	Halliburton		

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
		Did not shoot or acidize				

TOOLS USED

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

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

April 22, 1941 Put to producing April 6, 1941

The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. 55 7708

EMPLOYEES	
Albert Earl	Driller
W. D. Walker	Driller

H. B. May s Driller Jim Hammond Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	25	25	Sand and caliche
25	600	575	Red beds and red shale
600	640	40	Sandy shale
640	655	15	Red shale
655	685	30	Anhydrite
685	695	10	Red bed
695	800	105	Anhydrite
800	825	25	Red rock
825	830	5	Salt sand
830	850	20	Red bed
850	875	25	Salt
875	1070	195	Salt and anhydrite
1070	1095	25	Anhydrite
1095	1340	245	Salt and anhydrite
1340	1500	160	Salt
1500	1520	20	Anhydrite and salt
1520	1850	330	Salt
1850	2045	195	Anhydrite
2045	2070	25	Red bed
2070	2155	85	Anhydrite
2155	2165	10	Red beds
2165	2240	75	Anhydrite
2240	2250	10	Show oil and gas
2250	2350	100	Anhydrite
2350	2360	10	Show of gas
2360	2560	200	Anhydrite

(OVER)

16-43094-2

CONFIDENTIAL RECORD-CONTINUED

LOG OF OIL OR GAS WELL

Company _____
Location _____
State _____
County _____
Section _____
T1/2 _____
R _____
E _____
S _____
Elevation _____
The information given hereafter is a complete and correct record of the well and all work done thereon
as far as it has been determined from all available records
Signed _____
Date _____
Title _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19 _____

OIL OR GAS SANDS OR ZONES

(Indicate feet by ft.)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

Size _____
Type _____
Depth _____
Casing and wellhead _____

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, 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
2560	2600	40	Sand and anhydrite
2600	2700	100	Anhydrite
2700	2720	20	Gray lime
2720	2950	230	Anhydrite
2950	2975	25	Anhydrite & red rock
2975	3005	30	Anhydrite
3005	3020	15	Sand
3020	3030	10	Sandy lime
3030	3045	15	Sand
3045	3055	10	Sandy lime
3055	3075	20	Lime
3075	3080	5	Anhydrite
3080	3100	20	Lime
3100	3106	6	Gray lime
3106	3115	9	Lime & Anhydrite
3115	3130	15	Gray lime
3130	3145	15	Red rock & anhydrite
3145	3160	15	Anhydrite
3160	3175	15	Lime
3175	3195	20	Anhydrite and lime
3195	3200	5	Lime
3200	3220	20	Anhydrite & red rock
3220	3235	15	Gray lime
3235	3260	25	Lime
3260	3275	15	Sandy lime
3275	3295	20	Anhydrite, sandy
3295	3310	15	Light brown lime
3310	3330	20	Anhydrite & red rock
3330	3345	15	Gray lime
3345	3380	35	Anhydrite and red rock
3380	3395	15	Gray lime
3395	3415	20	Gray lime
3415	3435	20	Gray lime
3435	3475	40	White lime
3475	3635	160	Gray lime
3635	3675	40	White lime
3675	3705	30	Gray lime
3705	3717	12	Lime
3717	3725	8	Lime
3725	3735	10	Lime to producing
3735	3739	4	White sand
3739	3810	71	Lime, feet and from
3810	3820	10	Brown sandy lime
3820	3840	20	Lime, feet and from
3840	3850	10	Lime
3850	3880	30	Lime
3880	3925	45	Lime
3925	3935	10	Lime
3935	3965	30	Lime
3965	3975	10	Lime
3975	4005	30	Lime
4005	4020	15	Lime
4020	4030	10	Lime
4030	4045	15	Lime
4045	4055	10	Lime
4055	4075	20	Lime
4075	4080	5	Lime
4080	4090	10	Lime
4090	4100	10	Lime
4100	4106	6	Gray lime
4106	4115	9	Lime & anhydrite
4115	4130	15	Gray lime
4130	4145	15	Red rock & anhydrite
4145	4160	15	Anhydrite
4160	4175	15	Lime
4175	4195	20	Anhydrite and lime
4195	4200	5	Lime
4200	4220	20	Anhydrite & red rock
4220	4235	15	Gray lime
4235	4260	25	Lime
4260	4275	15	Sandy lime
4275	4295	20	Anhydrite, sandy
4295	4310	15	Light brown lime
4310	4330	20	Anhydrite & red rock
4330	4345	15	Gray lime
4345	4380	35	Anhydrite and red rock
4380	4395	15	Gray lime
4395	4415	20	Gray lime
4415	4435	20	Gray lime
4435	4475	40	White lime
4475	4635	160	Gray lime
4635	4675	40	White lime
4675	4705	30	Gray lime
4705	4717	12	Lime
4717	4725	8	Lime
4725	4735	10	Lime to producing
4735	4739	4	White sand
4739	4810	71	Lime, feet and from
4810	4820	10	Brown sandy lime
4820	4840	20	Lime, feet and from
4840	4850	10	Lime
4850	4880	30	Lime
4880	4925	45	Lime
4925	4935	10	Lime
4935	4965	30	Lime
4965	4975	10	Lime
4975	5005	30	Lime
5005	5020	15	Lime
5020	5030	10	Lime
5030	5045	15	Lime
5045	5055	10	Lime
5055	5075	20	Lime
5075	5080	5	Lime
5080	5090	10	Lime
5090	5100	10	Lime
5100	5106	6	Gray lime
5106	5115	9	Lime & anhydrite
5115	5130	15	Gray lime
5130	5145	15	Red rock & anhydrite
5145	5160	15	Anhydrite
5160	5175	15	Lime
5175	5195	20	Anhydrite and lime
5195	5200	5	Lime
5200	5220	20	Anhydrite & red rock
5220	5235	15	Gray lime
5235	5260	25	Lime
5260	5275	15	Sandy lime
5275	5295	20	Anhydrite, sandy
5295	5310	15	Light brown lime
5310	5330	20	Anhydrite & red rock
5330	5345	15	Gray lime
5345	5380	35	Anhydrite and red rock
5380	5395	15	Gray lime
5395	5415	20	Gray lime
5415	5435	20	Gray lime
5435	5475	40	White lime
5475	5635	160	Gray lime
5635	5675	40	White lime
5675	5705	30	Gray lime
5705	5717	12	Lime
5717	5725	8	Lime
5725	5735	10	Lime to producing
5735	5739	4	White sand
5739	5810	71	Lime, feet and from
5810	5820	10	Brown sandy lime
5820	5840	20	Lime, feet and from
5840	5850	10	Lime
5850	5880	30	Lime
5880	5925	45	Lime
5925	5935	10	Lime
5935	5965	30	Lime
5965	5975	10	Lime
5975	6005	30	Lime
6005	6020	15	Lime
6020	6030	10	Lime
6030	6045	15	Lime
6045	6055	10	Lime
6055	6075	20	Lime
6075	6080	5	Lime
6080	6090	10	Lime
6090	6100	10	Lime
6100	6106	6	Gray lime
6106	6115	9	Lime & anhydrite
6115	6130	15	Gray lime
6130	6145	15	Red rock & anhydrite
6145	6160	15	Anhydrite
6160	6175	15	Lime
6175	6195	20	Anhydrite and lime
6195	6200	5	Lime
6200	6220	20	Anhydrite & red rock
6220	6235	15	Gray lime
6235	6260	25	Lime
6260	6275	15	Sandy lime
6275	6295	20	Anhydrite, sandy
6295	6310	15	Light brown lime
6310	6330	20	Anhydrite & red rock
6330	6345	15	Gray lime
6345	6380	35	Anhydrite and red rock
6380	6395	15	Gray lime
6395	6415	20	Gray lime
6415	6435	20	Gray lime
6435	6475	40	White lime
6475	6635	160	Gray lime
6635	6675	40	White lime
6675	6705	30	Gray lime
6705	6717	12	Lime
6717	6725	8	Lime
6725	6735	10	Lime to producing
6735	6739	4	White sand
6739	6810	71	Lime, feet and from
6810	6820	10	Brown sandy lime
6820	6840	20	Lime, feet and from
6840	6850	10	Lime
6850	6880	30	Lime
6880	6925	45	Lime
6925	6935	10	Lime
6935	6965	30	Lime
6965	6975	10	Lime
6975	7005	30	Lime
7005	7020	15	Lime
7020	7030	10	Lime
7030	7045	15	Lime
7045	7055	10	Lime
7055	7075	20	Lime
7075	7080	5	Lime
7080	7090	10	Lime
7090	7100	10	Lime
7100	7106	6	Gray lime
7106	7115	9	Lime & anhydrite
7115	7130	15	Gray lime
7130	7145	15	Red rock & anhydrite
7145	7160	15	Anhydrite
7160	7175	15	Lime
7175	7195	20	Anhydrite and lime
7195	7200	5	Lime
7200	7220	20	Anhydrite & red rock
7220	7235	15	Gray lime
7235	7260	25	Lime
7260	7275	15	Sandy lime
7275	7295	20	Anhydrite, sandy
7295	7310	15	Light brown lime
7310	7330	20	Anhydrite & red rock
7330	7345	15	Gray lime
7345	7380	35	Anhydrite and red rock
7380	7395	15	Gray lime
7395	7415	20	Gray lime
7415	7435	20	Gray lime
7435	7475	40	White lime
7475	7635	160	Gray lime
7635	7675	40	White lime
7675	7705	30	Gray lime
7705	7717	12	Lime
7717	7725	8	Lime
7725	7735	10	Lime to producing
7735	7739	4	White sand
7739	7810	71	Lime, feet and from
7810	7820	10	Brown sandy lime
7820	7840	20	Lime, feet and from
7840	7850	10	Lime
7850	7880	30	Lime
7880	7925	45	Lime
7925	7935	10	Lime
7935	7965	30	Lime
7965	7975	10	Lime
7975	8005	30	Lime
8005	8020	15	Lime
8020	8030	10	Lime
8030	8045	15	Lime
8045	8055	10	Lime
8055	8075	20	Lime
8075	8080	5	Lime
8080	8090	10	Lime
8090	8100	10	Lime
8100	8106	6	Gray lime
8106	8115	9	Lime & anhydrite
8115	8130	15	Gray lime
8130	8145	15	Red rock & anhydrite
8145	8160	15	Anhydrite
8160	8175	15	Lime
8175	8195	20	Anhydrite and lime
8195	8200	5	Lime
8200	8220	20	Anhydrite & red rock
8220	8235	15	Gray lime
8235	8260	25	Lime
8260	8275	15	Sandy lime
8275	8295	20	Anhydrite, sandy
8295	8310	15	Light brown lime
8310	8330	20	Anhydrite & red rock
8330	8345	15	Gray lime
8345	8380	35	Anhydrite and red rock
8380	8395	15	Gray lime
8395	8415	20	Gray lime
8415	8435	20	Gray lime
8435	8475	40	White lime
8475	8635	160	Gray lime
8635	8675	40	White lime
8675	8705	30	Gray lime
8705	8717	12	Lime
8717	8725	8	Lime
8725	8735	10	Lime to producing
8735	8739	4	White sand
8739	8810	71	Lime, feet and from
8810	8820	10	Brown sandy lime
8820	8840	20	Lime, feet and from
8840	8850	10	Lime
8850	8880	30	Lime
8880	8925	45	Lime
8925	8935	10	Lime
8935	8965	30	Lime
8965	8975		