

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **HONOLULU OIL CORPORATION** Address **P. O. DRAWER 1391, MIDLAND, TEXAS**
Lessor or Tract **MALCO-FEDERAL** Field **WILDCAT** State **NEW MEXICO**
Well No. **1** Section **15** T. **14S** R. **28E** Meridian **NMPM** County **Chaves**
Location **660** ft. [N.] of [S.] Line and **1980** ft. [E.] of [W.] Line of **Section 15** Elevation **3583**
(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 **George E. Hay** Title **Division Development Engr.**
Date **February 27, 1956**

The summary on this page is for the condition of the well at above date.
Commenced drilling **October 15**, 19**55** Finished drilling **January 26**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None encountered** 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 **150'** to **310'** No. 3, from **9270'** to **9307'**
No. 2, from **2945'** to **2970'** No. 4, from **9780'** to **9810'**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	32.3	8 rad	Natl	1884	Washdown	Not cut	1150	1162	Test Queen
Sand									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	1900	950	Pump & Plug	10.8 lbs per gallon	

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
	Not shot					

TOOLS USED

Rotary tools were used from **0** feet to **10,260** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **No production**, 19____

The production for the first 24 hours was **none** barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **none** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Fred Gray **Tool pusher** **E. R. New**, Driller
Poster, Driller **J. W. Huett**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Sandstone & limestone
130	310	180	Sandstone & anhydrite
310	630	320	Anhydrite
630	950	320	Salt and anhydrite
950	1755	805	Anhydrite, salt, red sandstone
1755	2238	483	Dolomite and anhydrite
2238	2740	502	Porous dolomite
2740	2970	230	Limestone
2970	3160	190	Dolomite
3160	3220	60	Sandstone & dolomite
3220	3930	710	Dolomite & anhydrite
3930	5370	1440	Dolomite
5370	5700	330	Red shale
5700	6120	420	Dolomite & green shale
6120	6480	360	Dolomite

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LOCATE WELL FORMATION

The information in this log is a summary of the work and results of the well, and is not intended to be a complete record of the well. The information in this log is a summary of the work and results of the well, and is not intended to be a complete record of the well. The information in this log is a summary of the work and results of the well, and is not intended to be a complete record of the well.

OIL OR GAS RATES OR NOTES

#1 2219 - 2250 Open 5 hours. Recovered 515' drilling mud. Leak in drill pipe.
2 2545 - 2570 Open 5 hours. Recovered 990' sulfur water.
3 2655 - 2680 Open 1 hour. Recovered 815' sulfur water.
4 2965 - 2994 Open 5 hours. Recovered 90' mud, 180' sulfur water.
5 3045 - 3075 Open 3 hours. Recovered 150' very slightly gas cut mud.
6 3180 - 3210 Open 2 hours. Recovered 823' mud cut sulfur water, 8418' sulfur water.
7 3218 - 3248 Open 2 hours. Recovered 20' drilling mud.

DRILL STRING RECORD

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.

HISTORY OF OIL OR GAS WELL

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FROM-	TO-	TOTAL FEET	FORMATION
6480	8240	1840	Limestone
8240	8720	480	Shale & limestone
8720	9010	290	Limestone & chert
9010	9140	130	Limestone
9140	9240	100	Shale & sandstone
9240	9600	360	porous dolomite
9600	9770	170	dolomite & chert
9770	9860	90	porous dolomite
9860	9910	50	dolomite & sandstone
9910	10180	270	dolomite
10180	10250	70	dolomite & sandstone
10250	10260	10	granite
1014	1072	60	Recovered 60' salt, shale, red sandstone
1072	1072	0	Recovered 58' salt, shale, red sandstone
1072	1130	58	Recovered 58' salt and anhydrite
1130	1184	54	Recovered 54' salt, anhydrite sandstone
1184	1242	58	Recovered 58' salt, anhydrite sandstone
1242	1300	58	Recovered 58' red sandstone & shale
1300	2193	893	Recovered 30' dense dolomite & anhydrite
2193	2250	57	Recovered 58' top 45' dense dolomite, bottom 13' porous dolomite
2250	2280	30	Recovered 30' porous dolomite
2280	2310	30	Recovered 30' porous dolomite
2310	2927	617	Recovered 31' limestone & shale
2927	2970	43	Recovered 29' dense dolomite
2970	3307	330	Recovered 37' porous dolomite
3307	10106	6799	Recovered 19' porous dolomite & chert

CORE RECORD