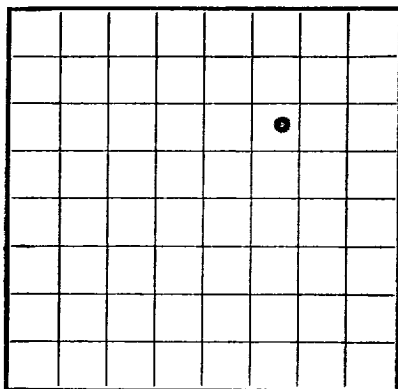
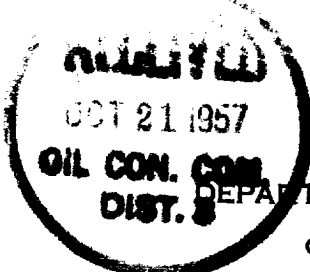




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYJICARILLA APACHE
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
DULCE, N. MEX.
CONT. #102RECEIVED
OCT 17 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company HONOLULU OIL CORPORATION Address P. O. DRAWER 1391, MIDLAND, TEXAS
Lessor or Tract JICARILLA APACHE Field BLANCO MESAVERDE State NEW MEXICO
Well No. 5 Sec. 4 T. 26N R. 4W Meridian NMPM County RIO ARriba
Location 1450 ft. S. of N Line and 1450 ft. W. of E Line of Section 4 Elevation 7230
(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 OCTOBER 11, 1957 Title DEVISION DEVELOPMENT ENGINEER

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

Commenced drilling See Well History to See Well History Finished drilling See Well History to See Well History

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 4062 No. 4, from See Well History to See Well History
No. 2, from 0 to 6275 No. 5, from See Well History to See Well History

No. 3, from See Well History to See Well History No. 6, from See Well History to See Well History

IMPORTANT WATER SANDS

No. 1, from 3410 to 3675 No. 3, from See Well History to See Well History

No. 2, from 3940 to 3995 No. 4, from See Well History to See Well History

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8 5/8"	32	8 rnd	Nat'l	392	Texas	Not cut	-	Surface
5 1/2"	14	8 rnd	CE & I	4153	Guide	Not cut	See Well History	
4"	11.43	Hydril	Nat'l	2456	Guide	See Well History		
2"	4.75	8 rnd	-	5772	Bull Plug			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	401	235	Pump & Plug	Water	-
5 1/2"	4160	300	Pump & Plug	8.9 lbs per gallon	-
4"	6400	250	Pump & Plug	Gas	-

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 6448 feet, and from _____ feet to _____ feet

Cable tools were used from not used feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 19, 1957, 19____

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

If gas well, cu. ft. per 24 hours 2374.4 MCF 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
0	300	300	Sandstone
300	650	350	Shale
650	940	290	Sandstone & Shale
940	1760	820	Shale
1760	2960	1200	Shale & Sandstone
2960	3310	350	Sandstone
3310	3410	100	Shale
3410	3660	250	Sandstone
3660	3940	280	Shale
3940	3995	55	Coal
3995	4065	70	Sandstone (Pictured Cliff)
4065	4160	95	Shale
4160	4950	790	Shale
4950	5575	625	Shale and Sandstone Stringers
5575	5820	245	Sandstone (MesaVerde)
5820	6320	500	Sandstone W/shale stringers
6320	6448 T.D.	128	Shale

[OVER]

16-43004-3

FORMATION RECORD—Continued[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2001 BY 60322 UCBAW

APR 20 1972

group was not present in the group of 1000. It was found that the group of 1000 was not present in the group of 1000. The group of 1000 was not present in the group of 1000.	Group was not present in the group of 1000. It was found that the group of 1000 was not present in the group of 1000. The group of 1000 was not present in the group of 1000.
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24-102

CERTIFICATE OF ADOPTION	FILE NO.	DATE OF ADOPTION	NAME OF ADOPTOR
BORN	FILE NO.	DATE OF ADOPTION	NAME OF ADOPTOR

LOOTS NEEDED

FLOODING RECORD

STUDY AND ADVISERS

WODDIE MAK CEMENTING RECORD

HISTORY OF OIL OR GAS WELLS

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 why, 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.

See log filed July 11, 1936 for original well completion. Rotary rig was moved over well on July 11, 1937. Tubing was pulled and well cleaned out and plugs and casing shoe with water. The casing perforations from 4036' to 4062' were squeezed with 70 sacks of cement. After cement had set the well was cleaned out to the casing shoe using water to drill with. The water was then blown out with gas and drilled to 6448', using gas. A 4" O.D. Hydril liner was then set from 3940' to 6400' and cemented with 150 sacks of cement. The top of the liner was squeezed with 250 sacks of cement. Liner was jet perforated as follows:

12 shots, 5096' - 5702'; 12 shots, 5701' - 5713'; 8 shots, 5723' - 5727';
 8 shots, 5773' - 5777'; 8 shots, 5784' - 5788'; 14 shots, 5799' - 5806';
 14 shots, 5810' - 5817'; 18 shots, 5906' - 5917'; 20 shots, 5925' - 5935';
 10 shots, 5962' - 5967'; 10 shots, 5985' - 5988'; 12 shots, 5995' - 6001';
 16 shots, 6054' - 6062'; 4 shots, 6073' - 6077'; 20 shots, 6164' - 6174';
 20 shots, 6178' - 6184'; 16 shots, 6208' - 6226'; 12 shots, 6235' - 6239';
 4 shots, 6243' - 6245'; 24 shots, 6256' - 6268'; 22 shots, 6274' - 6285';

Well was sandfilled with 66,000 gallons water and 66,000 lbs sand. The well is now a single zone completion from the Masaverde Formation.