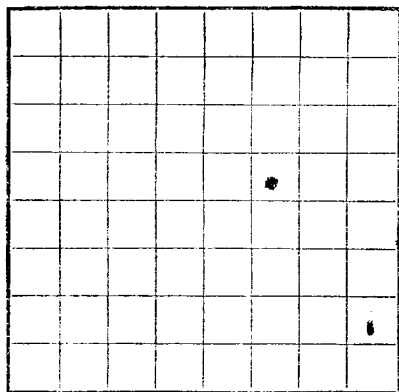


Form 9-330

U. S. LAND OFFICE Santa Fe, N. Mex.SERIAL NUMBER NM 015078

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

MAY 10 1961

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICORECEIVED
MAY 25 1961D. C. C.
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Honolulu Oil Corporation Address Drawer 1391, Midland, TexasLessor or Tract McKittrick Canyon Unit Field Wildcat State New MexicoWell No. 1 Sec. 25 T. 22 R. 25E Meridian NMPM County EddyLocation 1650 ft. S. of N. Line and 2310 ft. W. of E. Line of Sec. 25 Elevation 3507
(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 L. HoyDate May 8, 1961 Title Division Drilling & Proration Engineer

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

Commenced drilling October 22, 1960 Finished drilling February 20, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7700 to 7770 G No. 4, from _____ to _____No. 2, from 10815 to 10941 G No. 5, from _____ to _____No. 3, from 11190 to 11260 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 230 to 970 No. 3, from 12115 to 12292No. 2, from 10990 to 11130 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—	
20"	94	Weld	---	29'	Ball	Not cut	---	---	Conductor
13-3/8"	48	8 rnd	smis	1023'	Guide	Not cut	---	---	Surface
9-5/8"	36.540	8 rnd	smis	4871'	Guide	Not cut	---	---	Intermediate
5-1/2"	17.620	8 rnd	smis	11400'	Guide	Not cut	11203	11288	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	45	81	Dump	Wtr	--
13-3/8"	1044	350	Pump & Plug	9.2 lbs/gal.	--
9-5/8"	4889	1866	Pump & Plug	9.2 lbs/gal.	--
5-1/2"	11418	1100	Pump & Plug	9.3 lbs/gal.	--

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
None						

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

Put to producing _____, 1961 Shut-in _____, 1961

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 1,000 MCF Gallons gasoline per 1,000 cu. ft. of gas NoneRock pressure, lbs. per sq. in. 3397

EMPLOYEES

Fred Gray Tool Pusher J. J. Hutson _____, Driller

R. R. Steadham _____, Driller J. E. Morris _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	230	230	Limestone
230	410	180	Limestone & sandstone
410	950	540	Limestone
950	1040	90	Dolomite & sandstone
1040	1730	690	Porous Dolomite
1730	2140	410	Dolomite & Sandstone
2140	3170	1030	Sandstone & Limestone
3170	3660	490	Sandstone & Shale
3660	4760	1100	Sandstone & Dolomite
4760	5730	970	Limestone & Shale
5730	5930	200	Sandstone
5930	6230	300	Limestone & Shale
6230	6300	70	Sandstone
6300	7720	1420	Limestone & Shale
7720	7750	30	Sandstone
7750	8530	780	Limestone
8530	9510	980	Shale
9510	9700	190	Limestone
9700	9810	110	Sandstone
9810	10800	990	Limestone & Shale
10800	11350	550	Shale, Sandstone & Limestone
11350	11650	300	Shale
11650	12115	465	Limestone & Chert
12115	12292 TD	177	Porous Dolomite

FROM-	TO-	TOTAL FEET	FORMATION
#1 3183-3204	Recovered	21'	Slightly porous sandstone
#2 7770-7781	Recovered	8'	Limestone and shale stringers
#3 7781-7821	Recovered	20'	Limestone and shale stringers
#4 8813-8843	Recovered	30'	Shale
#5 10941-10968-1/2	Recovered	27-1/2'	Slightly porous sandstone w/shale stringers
#6 10970-10980	Recovered	10'	Top 5' dense sandstone, bottom 5' shale
#7 10995-11013	Recovered	18'	Top 9' dense sandstone, bottom 5' shale
#8 11257-11287	Recovered	30'	Top 8' dense limestone, Next 7' fractured sandstone, bottom 15' dense limestone and sandstone stringers.
#9 11287-11337	Recovered	50'	Top 13' shale, next 15' fractured sandstone. Bottom 22' shale
CORE RECORD			
DRILL STEM TEST RECORD			
#1 2075-2110	Open 3-1/2 hours. Recovered 95' mud cut fresh water.		
#2 3150-3183	Open 1 hr. 40 min. Recovered 10' drilling mud		
#3 4795-4840	Open 4 hours. Recovered 120' drilling mud		
#4 7672-7770	Open 2 hours. Gas to surface 3 min. Initial rate 310 MCFPD. Final rate 137 MCFPD. Recovered 210' gas cut mud.		
#5 8180-8300	Open 4 hours. Recovered 195' slightly gas cut mud.		
#6 8720-8814	Open 3-1/4 hrs. Recovered 585' mud.		
#7 10640-10781	Ran 1200' water blanket. Open 6 hrs. Recovered 1190' gas cutwater		
#8 10815-10941	Ran 1000' water blanket, 150' water and gas cut mud. Open 6-1/2 hrs. Gas to surface in 30 min. Initial rate 7.4 MCFPD. Final rate 152 MCFPD. Recovered water blanket		
#10 10990-11100	Ran 1200' water blanket. Open 6 hrs. Recovered water blanket and 8875' salt water.		
#11 11193-11256	Ran 1290' water blanket. Open 2 hours. Gas to surface in 10 min. Initial rate 10250 MCFPD. Final rate 8500 MCFPD. Recovered gas cut water blanket and 20' condensate.		
#12 11263-11337	Ran 1500' water blanket. Open 3 hours. Recovered water blanket and		
#13 11465-11556	Ran 1500' water blanket. Open 3 hours. Recovered water blanket and		
#14 12120-12150	Ran 2000' water blanket. Open 4 hours. Recovered water blanket and		
COMPLETION			
Set two cement plugs - #1 75 sack 11962-12150 - #2 50 sack 11419-11530'. Set 5-1/2" casing at 11418. Cemented with 1100 sacks cement. Top of cement outside casing at 8509' by temperature traverse. Cleaned out to 11350'. Perforated 16 jet shots 11255-11259'. Ran tubing. Displaced mud to water. Acidized 1000 gallons mud acid. Swabbed well off. Killed well. Perforated 2 jet shots per foot 11203-217, 11223-228, 11232-239, 11254-257, 11262-273, 11277-278. Ran tubing. Treated with 3000 gallons acid. Cleaned well out for potential.			

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

10-43084-2 U. S. GOVERNMENT PRINTING OFFICE