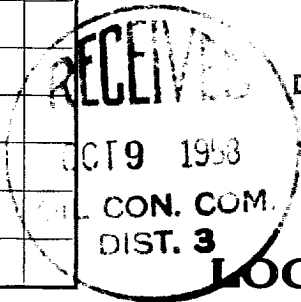
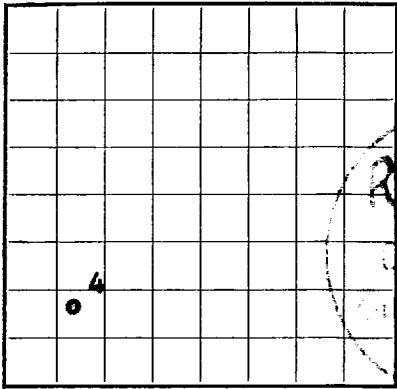


2 - U.S.G.S. - Farmington
5 - NMOCC - Aztec
1 - Tom Carter, Farmington
1 - Woolcock
1 - S. F.
1 - File

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



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 Vicarilla Apache Field Tapacito Pictured Cliffs Blanco Mesa Verde State New Mexico
Well No. 4 Sec. 4 T26-N. R. 4-W Meridian NMPM County Rio Arriba
Location 1450 ft. [N.] of S. Line and 1450 ft. [E.] of W. Line of Sec. 4 Elevation 7181 DF
(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. Hoy
Date October 6, 1958 Title Division Development Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling July 11, 1958 Finished drilling August 28, 1958
DEEPENING DEEPENING
OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3945 to 3970 Gas No. 4, from _____ to _____
No. 2, from 6074 to 6170 Gas No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS
No. 1, from 3120 to 3200 No. 3, from _____ to _____
No. 2, from 3870 to 3935 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—	
8-5/8	24	8 rnd	-	401	Texas	not cut	-	-	Surface
5-1/2	14	8 rnd	GP+1	4931	Baker	not cut	3954	3974	Production
3-1/2	9.2	8 rnd	-	Set as liner from 3989' to 6341'					Production
2"	4.7	Hydril	-	6156	None	not cut	-	-	Tubing
1"	-	8 rnd	Kobe	3967	None	not cut	-	-	Tubing
Note: This string to be used to bleed off accumulated fluids in the Pictured Cliffs zone and is not a production string.									

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	410	235	Pump & plug	Wtr.	-
5-1/2	4037	300	Pump & plug	9.4 lbs. per gal.	-
3-1/2	6341	211	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 6410 feet, and from _____ feet to _____ feet
Cable tools were used from Not used feet to _____ feet, and from _____ feet to _____ feet

DATES
September 30, 1958 Put to producing September 25, 1958
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 3,163,000 Gallons gasoline per 1,000 cu. ft. of gas None
Rock pressure, lbs. per sq. in. _____

EMPLOYEES Great Western Drilling Company
F. E. Wright Tool Pusher XXXX Driller
B. R. Day Driller J. W. Catt Driller
A. J. Mitchell Driller

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	520	520	Sandstone
520	1810	1290	Shale with sandstone stringers
1810	3585	1775	Sandstone with shale stringers
3585	3870	285	Shale
3870	3935	65	Coal
3935	4005	70	Sandstone
4005	4045	40	Shale
4045	5605	1560	Shale
5605	5750	145	Sandstone & shale (Cliff House)
5750	6065	315	Shale with sand stringers (Manefee)
6065	6205	140	Sandstone (Point Lookout)
6205	6410 T.D.	215	Shale (Mancos)

