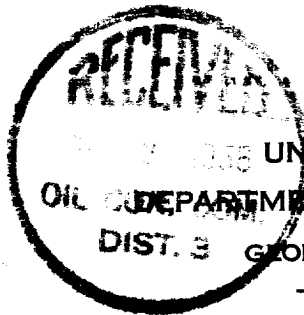
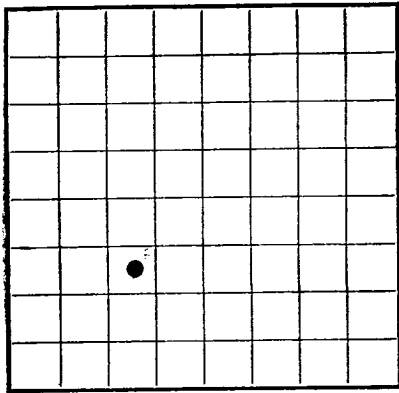


Indian Agency - Jicarilla Apache  
UNRESERVED Dulon, New Mexico

Contract No. 102



**LOG OF OIL OR GAS WELL**

Company Honolulu Oil Corporation Address P. O. Drawer 1391, Midland, Texas  
Lessor or Tract Jicarilla Apache Field Tapacite Pictured Cliff State New Mexico  
Well No. 4 Sec. 4 T. 26N R. 10W Meridian NMPN County Rio Arriba  
Location 1450 ft. [N. / SX] of 8 Line and 1450 ft. [E. / VXX] of W Line of Section 4 Elevation 7181  
(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 R. Hoy  
Date September 27, 1956 Title Division Development Engr.

The summary on this page is for the condition of the well at above date.  
Commenced drilling June 19, 19 56 Finished drilling June 21, 19 56

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

No. 1, from 3945' to 3970 0 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 3120 to 3200 salt water No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3870 to 3935 salt water 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 rad	-	401.48	Texas	not cut			surface
5 1/2	11	8 rad	-	1031	Texas	not cut	3945	3970	production
2"	4.70	8 rad	-	3934	open	not cut	-	-	Production tubing

**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	water	
5 1/2	4037	300	pump & plug	9.4 lbs per gallon	

**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
<b>Not shot</b>						

**TOOLS USED**

Rotary tools were used from 0 feet to 4005 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from not used feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19 \_\_\_\_\_ Potential September 19, 1956

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 1,356 MCF Gallons gasoline per 1,000 cu. ft. of gas none  
Rock pressure, lbs. per sq. in. 1034

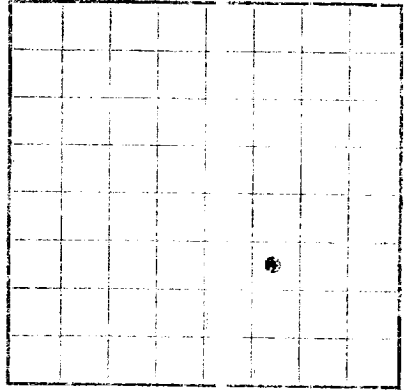
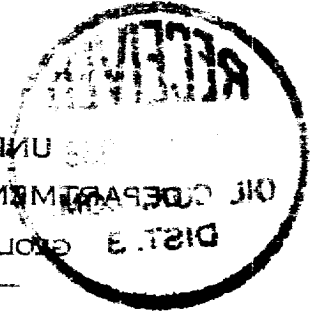
**EMPLOYEES**

Jack Quinn, Tool pusher, DRILLER Lo. H. Edwards, Driller  
S. R. Busbee, Driller R. C. Nichols, 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 T.D.	40	Shale

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY DIST. 3



LOG OF OIL OR GAS WELL

Company Name, Address, Field, County, Well No., Location, Date

- 1. Perforated casing with 100 lbs. cement and 10,000 lbs. water...
2. Drilled out cement and plugs to 3970...
3. Perforated casing through perforations with 150 lbs. regular cement...
4. Perforated 4 shots from 3918 to 3924...
5. Set Baker bridge plug at 3930...
6. Set Baker bridge plug at 3935...
7. Perforated casing with 28,000 gallons water and 20,000 lbs. sand...
8. Perforated casing with 100 lbs. cement and 10,000 lbs. water...
9. Cleaned out casing to 4005...
10. Set 2 1/2" casing at 4037...
11. Cemented with 300 lbs. 4 1/2" cement...

CASING RECORD table with columns for Shot, Date, Amount, Kind of case, and Length

HISTORY OF OIL OR GAS WELL

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.

Main data table with columns: FROM, TO, TOTAL FEET, EMPLOYEES, DATES, TOOLS USED, SHOOTING RECORD, PLUGS AND ADAPTERS, MIDDING AND CEMENTING RECORD