Kula Pipe Line
See 5 thru Helukasa Ranch in Kalialinan

Copy furnished Capt. Public Works.
October 20, 1916

File in Carton 13.
Territory of Hawaii,

Honolulu, T. H., August 12, 1910.

Kula Pipe Line.
Description of 4" Galvanized Pipe Line through Maleakala Ranch, Kalialinui, Maui.

Beginning at junction of 12" wooden stave pipe, the six inch galvanized pipe to Kula and the 4" galvanized pipe to Makawao from which a Δ on a ledge of rocks about midway between eucalyptus Groves Nos. 1 and 2 is by true azimuth; 218° 59' 192.3 feet, elevation 4128 feet; from said Δ Government Survey Trig. Station "Puu Xiniau" is by true azimuth 313° 28' 30" 14079.0 feet, thence along general line of pipe true azimuths and distances being:

1. 107° 44' 54.1 feet along North side of gulch;
2. 108° 31' 242.5 feet along North side of gulch;
3. 101° 05' 147.4 feet along North side of gulch;
4. 123° 31' 53.1 feet along North side of gulch;
5. 152° 30' 437.9 feet acrossing gulch and down the slope;
6. 152° 56' 309.9 feet down slope to bottom of gulch;
7. 144° 24' 240.1 feet up side of gulch on a curve to the left;
8. 132° 45' 133.3 feet along flat to boundary of Kalialinui-Makawao from this point a large eucalyptus tree marked by a + being the South corner of Grant 5207 to W.O. Aiken, is by true azimuth 241° 45' 3.5 feet;

FRED E. HARVEY
Engineer in Charge,
Kula Pipe Line.