## REPORT OF DON ALAM ALAM'S CONSERVATION SERVICE 3105 West Briscoe Artesia, New Mexico 88210

This report, prepared for JAY Land Ltd., and Yates Ranch Properties, Defendants, reviews the Hydrographic Survey prepared by Natural Resources Consulting Engineers, Inc., on behalf of the United States of America Department of the Interior for the Zuni River Basin Water Rights Adjudication Sub-Area 10 Subfile Number ZRB2-0098

## Purpose

The report is prepared by Alam Conservation Service ("ACS") on behalf of Yates Ranch Property, LLP and JAY LAND, LTD., Defendants in the Zuni River Basin Water Rights Adjudication, captioned UNITED STATES OF AMERICA, for Itself and as Trustee for the Zuni Indian Tribe, Navajo Nation and Ramah Band of Navajos and STATE OF NEW MEXICO, ex rel. STATE ENGINEER, Plaintiffs, ZUNI INDIAN TRIBE and NAVAJO NATION, Plaintiffs-in-Intervention, v. STATE OF NEW MEXICO COMMISSIONER OF PUBLIC LANDS and A & R PRODUCTIONS, et al., No. 01cv00072 MV/WPL subfile No. ZRB-2-0098, in the United States District Court for the District of New Mexico. The purpose of this report is to evaluate the accuracy of the Hydrographic Survey performed by NRCE Engineering on behalf of Plaintiff United States of America with respect to the water features found by it and which form the basis of the United States' Proposed Consent Order. Where measurements of area and depth varied from those found by NRCE, in such manner as resulted in a denial of the allegations of the Proposed Consent Order, our measurements are set forth; in addition, this report sets forth several water features and water rights which were not included or Stock Pond ID : 9C - 4 - SP16 Pasture : Canyon Section : 16 Township : 06N Range : 19W NE<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> (Cross reference #113)

8,064 sq.ft. = .555 ac/ft

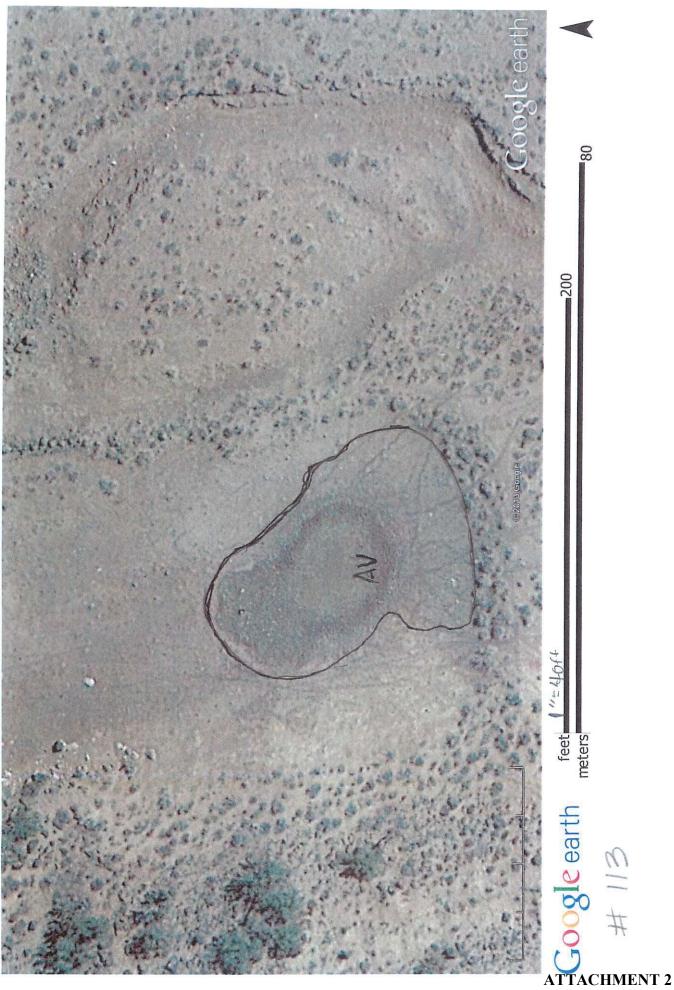
Stock Pond ID : 9C - 4 - SP17 Pasture : Canyon Section : 16 Township : 06N Range : 19W NE<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> (Cross reference #114)

10,875 sq.ft. = .624 ac/ft

Stock Pond ID : 9C - 4 - SP18 Pasture : Canyon Section : 16 Township : 06N Range : 19W SE<sup>1</sup>/4 SE<sup>1</sup>/4 SW<sup>1</sup>/4 (Cross reference #115)

28,875 sq.ft. = 1.66 ac/ft











Stock Pond ID : 10A - 4 - SP01 Pasture : Canyon Section : 30 Township : 06N Range : 18W NE<sup>1</sup>/4 SW<sup>1</sup>/4 NE<sup>1</sup>/4

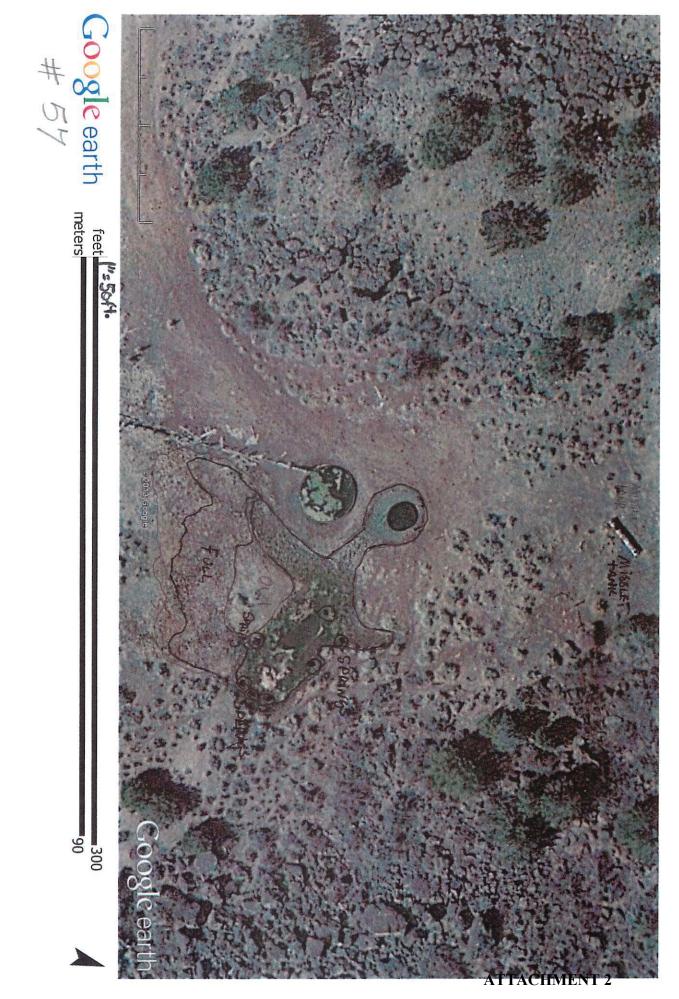
Jaralosa Springs Springs serves pipeline to S.W. Canyon Pasture Jaralosa Springs has pipelines west to Jaralosa Well

#1 Dirt Tank3,240 sq.ft.Fed by springs from steel storage tanks.

#2 Secondary Steel Storage
Steel Storage #1
572.5 sq.ft. x 5.0 ft.
Steel Storage #2
566 sq.ft. x 2.5 ft.

(Cross reference # 57)

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