



**ZUNI RIVER BASIN ADJUDICATION
HYDROGRAPHIC SURVEY REPORT
SUB-AREA RAMAH**

United States of America

v.

**A & R Productions, et al.
CIV No. 01 00072 BB-ACE**

Prepared Under the Direction of the

UNITED STATES DEPARTMENT OF INTERIOR

In Cooperation with the

**State of New Mexico
Office of the State Engineer
Hydrographic Survey Bureau**

By

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1 INTRODUCTION

The *United States v. State of New Mexico ex rel State Engineer, A&R Productions, et al.* case (Case number 01cv00072 BB) is currently pending in the United States District Court for the District of New Mexico. The Zuni River Basin is divided into 11 sub-areas to facilitate the orderly survey of water uses over multiple years (see Figure 1-1). Sub-area Ramah was created on July 21, 2006, when the United States District Court ordered that a separate Ramah sub-area, consisting of sections 2, 3, 4, and 9 in Township 10N, Range 16W, and Sections 34 and 35 in Township 11N, Range 16W, plus any portion of the Ramah Reservoir outside those sections, be established for purposes of the hydrographic survey and further proceedings to adjudicate the water rights in said Sub-area. This report shows the findings of the hydrographic survey for only non-federal and non-Indian lands in sub-area Ramah. The major water use in these sub-areas is irrigation, followed by domestic and livestock. Maps showing the location of water uses are included with this report.

1.1 Description of the Area

The Zuni River Basin, depicted in Figure 1-1, covers approximately 1,930 square miles of land in Cibola and McKinley counties in the western central part of New Mexico. The Basin is bounded on the northwest and northeast by the Upper Puerco Basin and the Rio San Jose Basin, respectively, and on the southwest and southeast by the Carrizo Wash Basin and the North Plains Closed Basin, respectively. Figure 1-2 shows sub-area 1 with its map index.

Sub-area Ramah of the Zuni River Basin consists of Sections 2, 3, 4, and 9 in Township 10N, Range 16W, and Sections 34 and 35 in Township 11N, Range 16W, plus any portion of the Ramah Reservoir outside those sections. The total area of sub-area Ramah is approximately 107,565 acres (168.07 sq. miles). The climate of the area is characterized as semi-arid. The annual average minimum temperature is in the range of 30 to 34°F, and the annual average maximum temperature is in the range of 64 to 67°F. More variations in temperature are observed, with highs up to the 90's in the summer and lows down to the teens in the winter. The average annual precipitation is in the range of 12 to 14 inches, while average annual snowfall is in the range of 17 to 44 inches, depending on location and elevation.

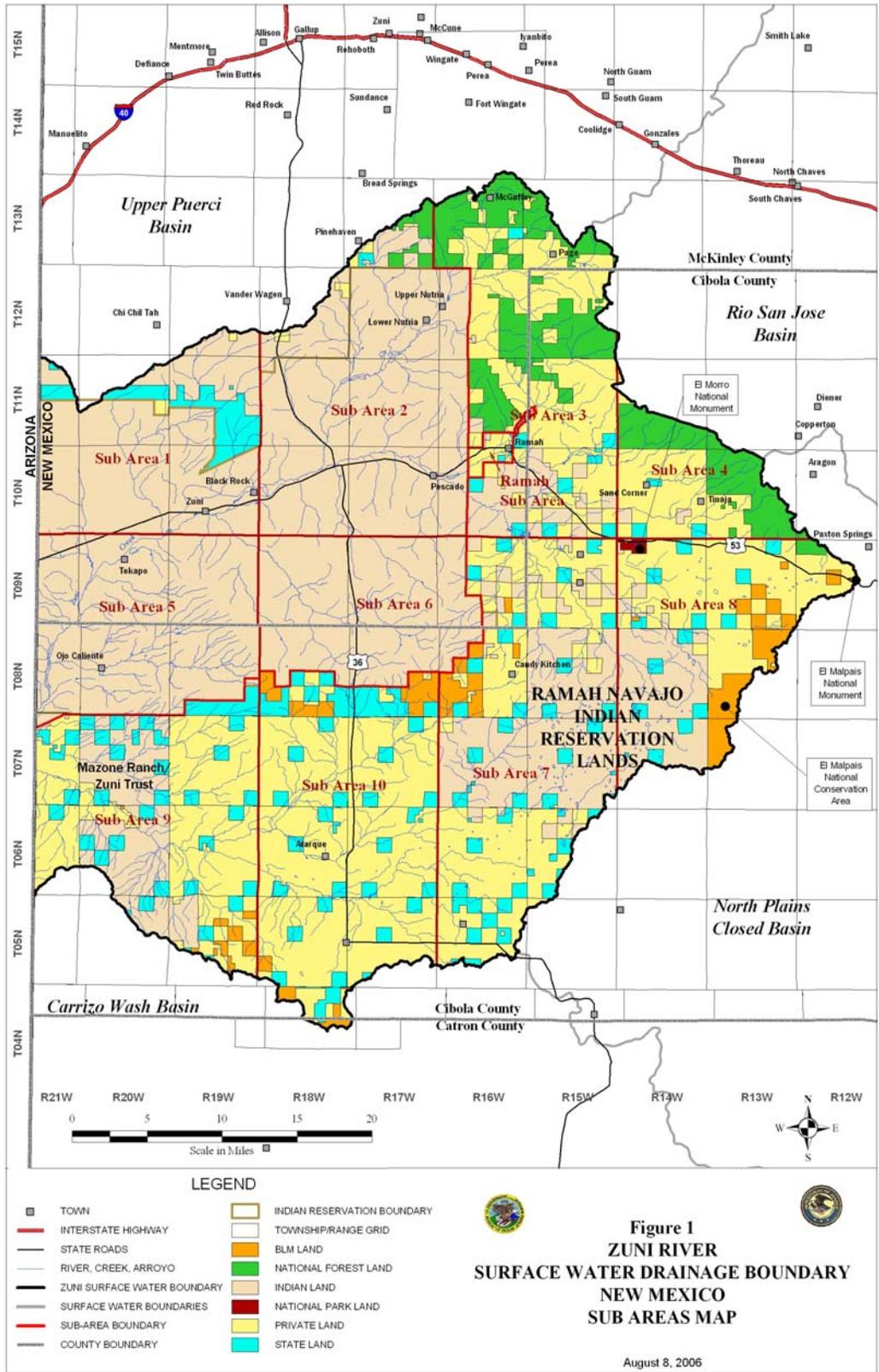


Figure 1-1: Adjudication Boundary of the Zuni River Basin

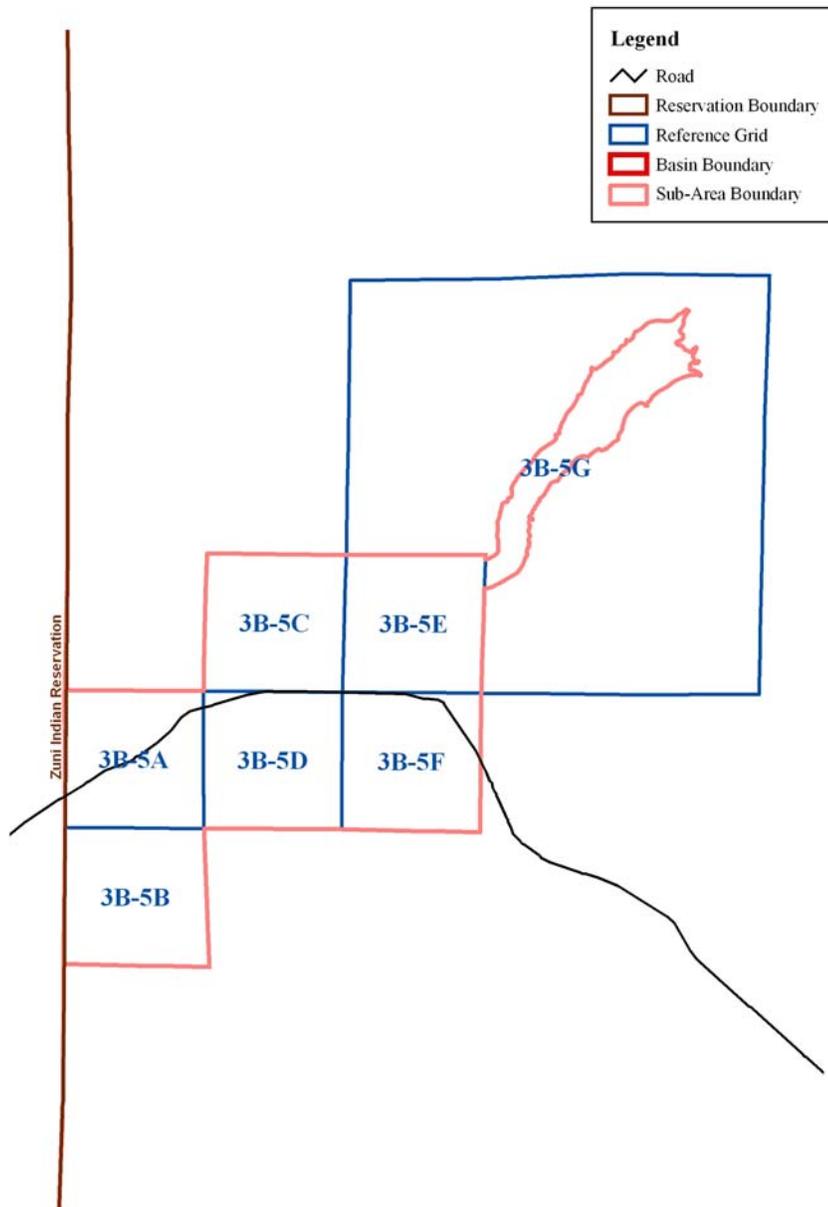


Figure 1-2: Map Index for Sub-area Ramah of the Zuni River Basin

1.2 Technical Specification for Hydrographic Survey

The technical specifications for the hydrographic survey follow those prepared by the State of New Mexico, Office of the State Engineer (OSE), Hydrographic Survey Bureau (Hydrographic Survey Specifications) dated April 15, 2003. The United States and the State of New Mexico prepared a document entitled ‘Joint Technical Progress Report, Zuni River Hydrographic Survey’ (February 2003), which describes the procedure, variances, and schedule for the hydrographic survey. The United States and the State of New Mexico Hydrographic Survey Bureau consulted during the hydrographic survey field work and report preparation.

The Zuni River Basin lies within the Gallup Underground Administrative Basin, which was declared in March 14, 1994. Many of the domestic wells in the Zuni River Basin were drilled before the basin was declared and therefore did not require a permit. For this reason, a process was established requesting that water users update their water rights to include wells constructed prior to 1994. This process included mailing packets of information to land owners, holding a public meeting, and establishing field offices staffed by Office of the State Engineer personnel to help water users update and complete their water rights records. Additionally, whenever possible, the land owners were consulted concerning wells and ponds on their property at the time of the field assessments. The field assessment identified many wells without permits. The water rights identified during the abstracting process were linked to the information obtained in the field during the hydrographic survey.

1.3 Aerial Photography

Aerial photography and topographic maps were used as a basis for mapping the areas of interest. For sub-area Ramah, 1.5 ft-resolution colored aerial photographs were used for the analysis. The photographs were produced by Thomas R. Mann & Associates, Inc. aerial mapping services in year 2004. All photographs were ortho-rectified and projected in New Mexico State Plane West Coordinate system. These base maps were plotted on a scale of 1:3,600 (1”=300’). United States Geological Survey (USGS) digital orthophoto quarter quadrangles (DOQQs), produced using aerial photography acquired in October 1997 were also used.

2 GEOGRAPHIC INFORMATION SYSTEM

All the geospatial components of the hydrographic survey water uses that were field inspected are stored in a Geographic Information System (GIS). The system used is in Windows-based ArcGIS software. The data and information stored consists of:

- Digital image data acquired for survey.
- Data (hard copy and electronic) obtained from state agencies including landowners, addresses, and ownership maps.
- Data and information acquired from the hydrographic survey field work.

As stated previously, USGS DOQQs were used for mapping purposes. The images were transferred into the New Mexico State Plane Coordinate System, West Zone, using the 1983 North American Datum.

Property ownership data and maps were obtained from McKinley County Assessor's office in Gallup, New Mexico. All data gathered was compiled in a Microsoft Access database. The database includes names and addresses of owners, sub-file numbers, map labels, Office of State Engineer file/permit numbers, types of water source use and source, stock pond and well types, locations (PLSS), coordinates, aerial photograph dates and field visit dates, comments, and photograph identifications of the water features.

2.1 Global Positioning System

All water-feature locations were mapped using a Global Positioning System (GPS). Field crews used a Trimble GeoXT (hand-held 12 channel) GPS receiver. The integrated Wide Area Augmentation System (WAAS) differential GPS data service was used to achieve location data while in the field.

2.1.1 Field Data Logging Procedures

All GPS observations were made at an approximate antenna height of four feet. GPS data was logged at one position per second at maximum position dilution of precision 8.0 and a minimum

signal noise ratio of 3.0. The elevation mask used was 12 degrees. GPS data was collected using the internal antenna of the receiver.

2.1.2 Office Data Processing Procedures

Data was post-processed using a GeoXT software package that includes the Trimble Pathfinder Office version 2.90. Post-processing consisted of differential corrections of the raw receiver files using the New Mexico Institute of Mining and Technology base station at the University of New Mexico, Albuquerque. All data was analyzed in the North American Datum of 1983 and mapped in the New Mexico State Plane Coordinate System.

2.2 Field Inspections

2.2.1 Well Locations

Well locations were mapped using GPS. Rough locations of wells that have permit numbers were obtained from the New Mexico Office of the State Engineer's Water Administration Technical Engineering Resources System (WATERS) database. Wells that have no permit numbers were located either using information provided by land owners or using topographic maps. Locations of these wells were verified in the field. Photographs of wells were obtained during the field visits.

2.2.2 Stock Pond Locations

Stock ponds (dirt tanks) were located using aerial photos, declarations, state records, and information from land owners and then field mapped using GPS. In many instances, new stock ponds not visible on aerial photos were identified. These stock ponds were delineated with the GPS using a polygon feature. At the time of the visit, ponds were determined to be either man-made stock ponds or natural ponds. If a natural pond was excavated or diked, then the pond was determined to be man-made. Only dam elevations that are greater than 9-feet were recorded. Photographs of the stock ponds were taken during the field visit.

2.2.3 Irrigated Land Locations

The major occurrence of irrigated lands lies below Ramah Reservoir (a major reservoir within the basin). Irrigated lands were delineated with the GPS using a polygon feature in cases where boundaries could not be clearly identified using the aerial photos of 2002. Field inspection sheets consisting of ortho-photographs at a scale of 1" = 300' were used to determine the boundaries of the delineated irrigated cropland tracts. Whenever possible, delineated tracts were inspected in the field to verify the accuracy of the tract delineations. In other cases, farmers delineated the boundaries of their fields on the field maps during the field visit. Photographs of the irrigated lands were taken.

3 DUTY OF WATER (DIVERSION)

3.1 Wells

Wells were categorized according to water use based on field visits, water right records, and information received from owners. The following categories were used:

- Domestic – The duty of water for domestic wells is the historical beneficial use up to a maximum of 0.7 acre-feet per household per year.
- Livestock – The duty of water for stock wells is the estimated water use of livestock that could be or is actually sustained by the area served by the well. The water use of cattle was calculated based on the information prepared by State of New Mexico. The area of land in which the well is located was determined from property ownership maps and database obtained from Cibola Assessors office. Carrying capacity is based on the number of "animal units" that can be sustained on an area of land, with one cow or five sheep equivalent to one unit. The land carrying capacity, which is the number of animals that a habitat maintains in a healthy, vigorous condition, was assumed to be 15 animal units per section, or the count provided by the owner, whenever applicable. The 15 animal units per section estimate is based on information from the New Mexico Department of Agriculture. The water consumption of an animal unit is estimated at an average of 10 gallons/day (488 feet³ per year or 0.0112 acre-feet per year) (Wilson and Lucero, 1997). An efficiency factor of 0.5 was assumed to account for consumptive and other losses. As an illustrative example, if a stock well serves 1,280 acres (2 sections), the carrying capacity of this land is 30 animal units. The water duty will be 0.672 acre-feet per year. However, if the owner said that he has 40 head of cattle, the water duty for that well would then be 0.896 acre-feet per year. The water duty for post-basin livestock-only wells (wells that were drilled after March 14th, 1994) will be the historical beneficial use up to a maximum of 0.7 ac-ft if the calculated stock water duty is less than 0.7 ac-ft. If the latter is greater than 0.7 ac-ft, water duty will be the historical beneficial use up to that value.
- Domestic and Livestock - The duty of water for wells used for both domestic and stock use is the historical beneficial use up to a maximum of 0.7 acre-feet per year plus the stock

water duty. For example, the same above mentioned well would have a duty of $0.336 + 0.7$ = historical beneficial use up to a maximum of 1.036 ac-ft/year.

- Commercial/sanitary – In the absence of other information, wells used for these purposes will be given the default water duty of domestic wells.
- Public Water Supply – the duty of water is the historic beneficial use as shown by existing records.
- Irrigation – Water duty for irrigation wells is yet to be determined.

3.2 Ponds and Reservoirs

The duty of water for ponds is based on their capacities. The number of times a pond fills during a year is not estimated. The capacities of the ponds were determined using the following methodology:

Pond and reservoir depths were estimated based on either the high-water mark observed in the field or based on the elevation of the pond's spillway from the bottom. Visible pond boundaries were delineated in the office prior to the field visit. The boundaries were then verified /modified in the field and refined after being imported into GIS environment for area calculations. The capacity of the stock pond was calculated by multiplying the depth times the area times a factor of 0.6 that accounts for the irregularity of the pond's geometry. The coordinates of the pond represent the location of the pond's center of gravity.

Priority dates for man-made stock ponds were obtained from owners declarations whenever available. In the case where owners did not declare their stock pond priority dates, the date of the earliest aerial photo examined was set as the priority date of the pond.

3.3 Irrigated Lands

The duty of water for irrigation diversions is yet to be determined.

4 FINDINGS OF THE HYDROGRAPHIC SURVEY

The findings of the Zuni River Basin Hydrographic survey of sub-area Ramah documented in this report are presented in two appendices. Appendix 1 lists the water uses that have been developed for beneficial use (wells, man-made stock ponds, and irrigated lands). Documentation is presented in the form of sub-files, summaries of surveyed features, and maps. The information was prepared under the direction of Dr. Hadi Jaafar and Dr. Lee Niel Allen, a Licensed Professional Civil Engineer in the State of New Mexico.

4.1 Sub-file Numbering

Sub-files were created to identify the water right(s) of property owners within sub-area Ramah. Each owner or group of co-owners having a water right is assigned a sub-file, identified by a number. The sub-file number is unique for each owner or group of co-owners. It starts with the letters ZRB (Zuni River Basin), and then the number “5”, indicating that this is the fifth hydrographic survey report in this adjudication process. The sub-file contains information about the surveyed water uses (stock ponds, wells, and irrigated lands). The total number of sub-files included in this report is 65. In Appendix 1, information about the features include owner name and address, water use (for example domestic, stock, or irrigation), type of feature (well or pond or irrigated lands,), water source and point of diversion (if applicable), priority date, date of field visit, height of dam (if greater than 9 ft), estimated depth, area, and volume (for impoundments); and place and location of use (section, township, range, and coordinates). Naturally impounded water that is contained within owner’s property does not require a water right and can be beneficially used. No natural ponds or springs were found in sub-area Ramah.

4.2 Map Labels

The map labels contained on the maps and in the report summaries provide information concerning the type of water use feature and the location of the feature. The first four characters are the map plate number on which the feature is located. The label has an identification of the feature type (SP for a stock-pond, W for a well, RS for a reservoir, and IRR for an irrigated tract. For example, 3B-5D-SP05 indicates that this is a stock pond located on map plate 3B-5D. The

last two numbers were assigned arbitrarily for every feature. Also shown on the map label is the sub-file number associated with the feature for easy reference in the survey report.

4.3 Office of State Engineer File Number

When applications for water uses have been filed with the State, the OSE assigns a file number to the water use feature. These file numbers are obtained from the WATERS database. For wells, the OSE file number begins with the letter G, indicating the Gallup Groundwater Basin. OSE file numbers associated with surveyed wells are shown in the Hydrographic Survey report.

4.4 Summary of Findings of the Hydrographic Survey

The features surveyed in this report include ponds (man-made), a reservoir (Ramah Reservoir), wells, and irrigated lands. Information about Ramah Reservoir was obtained from Rossillon and Lewandowski (1969). No natural ponds or springs were found in sub-area Ramah. Tables 4-1 and 4-2 show a summary of the findings of the survey in sub-area Ramah excluding the water features on federal and Indian lands.

Table 4-1 Counts of Surveyed Ponds

Ponds and Reservoirs	Count
Man-made	30
Total	30

Table 4-2 Counts of Surveyed Wells and their Uses

Well Use	Count
Commercial	2
Domestic Only, Single Household	51
Domestic and Livestock	8
Domestic, Multiple Households	1
Domestic and Livestock and Irrigation	1
Livestock Only	15
Livestock and Commercial	1
Sanitary & Commercial	1
No Right	1
Public Water Supply	3
Irrigation	7
Supplemental	1
Total	92

4.5 Disclaimer

This hydrographic survey report does not include information concerning the federal water claims including claims on behalf of Indian Tribes or allottees in sub-area Ramah. This information will be filed with the court at a later date. While the United States, State of New Mexico, and Natural Resources Consulting Engineers, Inc. (consultant) make every effort to provide accurate and complete information, various data may change in the future. The United States, State of New Mexico, and Natural Resources Consulting Engineers, Inc. (consultant) provide no warranty, expressed or implied, as to the accuracy, reliability or completeness of information in the declarations submitted by landowners or the land-ownership information obtained from the Assessors Offices of Cibola or McKinley County. The United States, the State of New Mexico, and Natural Resources Consulting Engineers, Inc. (consultant) reserve the right to update or change any of the information in this hydrographic survey report.

5 REFERENCES

New Mexico Department of Agriculture. Online. Available <http://nmdaweb.nmsu.edu/links.html>.

New Mexico Office of State Engineer. Online. Available <http://www.ose.state.nm.us/>

Rossillon, E.C. and E. R. Lewandowski. 1969. Examination of Dams and Appurtenant Facilities for Bureau of Indian Affairs. Office of Chief Engineer, Denver, Colorado. United States Department of Interior.

Wilson, B. C. and A.A Lucero. 1997. Water Use by Categories in New Mexico Counties and River Basins, and Irrigated Acreage in 1995. New Mexico State Engineer Office. Technical Report 49.

APPENDICES

Appendix 1

Zuni Basin Hydrographic Survey
Sub-area Ramah

Report of Water Right Findings

January 2007

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**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0001

Owner(s): WILLIAM E. ANDERSEN

Address: P.O. BOX 486
RAMAH NM 87321

Well

Map Label: 3B-5-W036

OSE File No: None

Priority Date: 3/13/1994

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SE

X (ft): 2,522,137 **Y (ft):** 1,506,247

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0002

Owner(s): ANTHON ANDERSON FAMILY TRUST

Address: 4120 W LANGSTROTH DR.
RIO RANCHO NM 87124

Well

Map Label: 3B-5-W099

OSE File No: G 2247

Priority Date: 12/31/1993

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE SE

X (ft): 2,522,179 **Y (ft):** 1,507,144

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 12.4

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.723

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0002

Owner(s): ANTHON ANDERSON FAMILY TRUST

Address: 4120 W LANGSTROTH DR.
RIO RANCHO NM 87124

Pond

Map Label: 3B-5-SP019

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 9.0

Surface Area (sq.ft): 10,173

Storage Impoundment (ac-ft): 1.261

Field Visit Date: 3/19/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE SW NW

X(ft): 2,525,320 Y(ft): 1,500,492

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0003

Owner(s): DEBRA KAY BAXTER

Address: P.O. BOX 271
RAMAH NM 87321

Well

Map Label: 3B-5-W080

OSE File No: None

Priority Date: 3/13/1994

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE SE NE

X (ft): 2,527,435 **Y (ft):** 1,500,470

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0004

Owner(s): DOUGLAS B. BLOOMFIELD & JACALYN BLOOMFIELD

Address: P.O. BOX 637
RAMAH NM 87321

Well

Map Label: 3B-5-W091

OSE File No: G 2029

Priority Date: 12/31/1971

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW SW

X (ft): 2,525,517 **Y (ft):** 1,505,853

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0004

Owner(s): DOUGLAS B. BLOOMFIELD & JACALYN BLOOMFIELD

Address: P.O. BOX 637
RAMAH NM 87321

Pond

Map Label: 3B-5-SP020

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 8.0

Surface Area (sq.ft): 20,341

Storage Impoundment (ac-ft): 2.241

Field Visit Date: 3/19/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE SW SE

X(ft): 2,525,651 **Y(ft):** 1,499,343

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0005

Owner(s): AARON BOND, ADRIAN BOND, LAVERL BOND, ELWIN BOND,
ELLEN BOND, & DENNIS BOND

Address: P.O. BOX 845
RAMAH NM 87321

Well

Map Label: 3B-5-W069

OSE File No: G 1836

Priority Date: 12/31/1919

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5A

S. 4 T. 10N R. 16W 1/4, 1/16, 1/64: SW SE NW

X (ft): 2,513,680 **Y (ft):** 1,500,592

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 537.7

Land Cattle Carrying Capacity (Stock wells only): 13

Amount of Water (ac-ft per annum): 0.291

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0005

Owner(s): AARON BOND, ADRIAN BOND, LAVERL BOND, ELWIN BOND,
ELLEN BOND, & DENNIS BOND

Address: P.O. BOX 845
RAMAH NM 87321

Well

Map Label: 3B-5-W071

OSE File No: G 1901

Priority Date: 4/1/1991

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5A

S. 4 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW NW

X (ft): 2,515,104 **Y (ft):** 1,502,891

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0006

Owner(s): DALE BOND & AUDREY BOND

Address: P.O. BOX 326
RAMAH NM 87321

Well

Map Label: 3B-5-W021

OSE File No: G 0671

Priority Date: 5/9/1996

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NW NW

X (ft): 2,522,683 **Y (ft):** 1,504,386

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/16/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0007

Owner(s): DEWARD E. BOND & GLORIA BOND

Address: P.O. BOX 310
RAMAH NM 87321

Well

Map Label: 3B-5-W109

OSE File No: G 1790

Priority Date: 12/31/1947

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW NW

X (ft): 2,525,146 **Y (ft):** 1,504,152

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/26/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0007

Owner(s): DEWARD E. BOND & GLORIA BOND

Address: P.O. BOX 310
RAMAH NM 87321

Well

Map Label: 3B-5-W110

OSE File No: G 1788

Priority Date: 12/31/1970

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE SE

X (ft): 2,524,944 **Y (ft):** 1,503,722

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/26/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0008

Owner(s): ELWIN BOND & ELLEN BOND

Address: P.O. BOX 845
RAMAH NM 87321

Well

Map Label: 3B-5-W068

OSE File No: G 1573

Priority Date: 12/31/1960

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5A

S. 4 T. 10N R. 16W 1/4, 1/16, 1/64: NW SE SW

X (ft): 2,513,209 **Y (ft):** 1,502,050

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 5.0

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.723

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0008

Owner(s): ELWIN BOND & ELLEN BOND

Address: P.O. BOX 845
RAMAH NM 87321

Well

Map Label: 3B-5-W070

OSE File No: G 1575

Priority Date: 12/31/1960

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW SW

X (ft): 2,525,283 **Y (ft):** 1,503,732

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0009

Owner(s): JOSEPH DEAN BOND & BILLIE ETHNA BOND

Address: P.O. BOX 802
RAMAH NM 87321

Well

Map Label: 3B-5-W048

OSE File No: G 1550

Priority Date: 12/31/1950

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE SE

X (ft): 2,521,814 **Y (ft):** 1,504,903

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 105.1

Land Cattle Carrying Capacity (Stock wells only): 3

Amount of Water (ac-ft per annum): 0.067

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0009

Owner(s): JOSEPH DEAN BOND & BILLIE ETHNA BOND

Address: P.O. BOX 802
RAMAH NM 87321

Well

Map Label: 3B-5-W056

OSE File No: G 1548

Priority Date: 12/31/1950

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SE NW

X (ft): 2,524,170 **Y (ft):** 1,505,410

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0009

Owner(s): JOSEPH DEAN BOND & BILLIE ETHNA BOND

Address: P.O. BOX 802
RAMAH NM 87321

Pond

Map Label: 3B-5-SP026

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 6.0

Surface Area (sq.ft): 1,611

Storage Impoundment (ac-ft): 0.133

Field Visit Date: 4/28/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SW NE

X(ft): 2,525,870 **Y(ft):** 1,507,899

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0009

Owner(s): JOSEPH DEAN BOND & BILLIE ETHNA BOND

Address: P.O. BOX 802
RAMAH NM 87321

Pond

Map Label: 3B-5-SP029

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1970

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 1.0

Surface Area (sq.ft): 831

Storage Impoundment (ac-ft): 0.011

Field Visit Date: 5/21/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE NE SW

X(ft): 2,521,520 Y(ft): 1,508,646

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0009

Owner(s): JOSEPH DEAN BOND & BILLIE ETHNA BOND

Address: P.O. BOX 802
RAMAH NM 87321

Pond

Map Label: 3B-5-SP030

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 4,167

Storage Impoundment (ac-ft): 0.230

Field Visit Date: 5/21/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE NE SW

X(ft): 2,521,763 Y(ft): 1,508,791

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0010

Owner(s): MAUREEN BOND

Address: P.O. BOX 312
RAMAH NM 87321

Well

Map Label: 3B-5-W022

OSE File No: G 1610

Priority Date: 6/30/1972

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW SE

X (ft): 2,523,271 **Y (ft):** 1,504,860

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/16/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0010

Owner(s): MAUREEN BOND

Address: P.O. BOX 312
RAMAH NM 87321

Well

Map Label: 3B-5-W106

OSE File No: G 1818

Priority Date: 12/31/1972

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW SE

X (ft): 2,523,546 **Y (ft):** 1,504,845

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/26/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0011

Owner(s): RALPH A. BOND

Address: 173 WEST 700 SOUTH
LEHI UT 84043

Well

Map Label: 3B-5-W072

OSE File No: G 1588

Priority Date: 12/31/1878

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NE

X (ft): 2,524,781 **Y (ft):** 1,504,359

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 42.4

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed
0.795 ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0011

Owner(s): RALPH A. BOND

Address: 173 WEST 700 SOUTH
LEHI UT 84043

Well

Map Label: 3B-5-W073

OSE File No: G 1587

Priority Date: 12/31/1952

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NE

X (ft): 2,524,767 **Y (ft):** 1,504,351

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0012

Owner(s): ROBERT W. CAMPBELL & JOAN V. CAMPBELL

Address: P.O. BOX
RAMAH NM 87321

Well

Map Label: 3B-5-W114

OSE File No: G 1844

Priority Date: 10/15/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW SW

X (ft): 2,517,740 **Y (ft):** 1,506,080

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0013

Owner(s): CAMPBELL REVOCABLE TRUST

Address: P.O. BOX 890
RAMAH NM 87321

Well

Map Label: 3B-5-W115

OSE File No: None

Priority Date: 1/1/1997

Purpose of Use: NO RIGHT

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW SE

X (ft): 2,517,808 **Y (ft):** 1,504,606

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): 0.0

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W047

OSE File No: G 2002

Priority Date: 12/31/1940

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5B

S. 9 T. 10N R. 16W 1/4, 1/16, 1/64: NE NE SE

X (ft): 2,516,550 **Y (ft):** 1,498,679

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 178.4

Land Cattle Carrying Capacity (Stock wells only): 5

Amount of Water (ac-ft per annum): 0.112

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W052

OSE File No: G 1998

Priority Date: 12/31/1964

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NE

X (ft): 2,519,309 **Y (ft):** 1,504,214

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W053

OSE File No: G 2004

Priority Date: 12/31/1932

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NE

X (ft): 2,519,349 **Y (ft):** 1,504,469

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 178.4

Land Cattle Carrying Capacity (Stock wells only): 5

Amount of Water (ac-ft per annum): 0.112

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W054

OSE File No: G 2001

Priority Date: 12/31/1987

Purpose of Use: COMMERCIAL & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW NW NE

X (ft): 2,518,251 **Y (ft):** 1,504,106

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 178.4

Land Cattle Carrying Capacity (Stock wells only): 5

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.812 ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W055

OSE File No: G 2005

Priority Date: 12/31/1948

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW SW NE

X (ft): 2,517,870 **Y (ft):** 1,502,703

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 178.4

Land Cattle Carrying Capacity (Stock wells only): 5

Amount of Water (ac-ft per annum): 0.812

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Well

Map Label: 3B-5-W112

OSE File No: G 2003

Priority Date: 12/31/1910

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5B

S. 9 T. 10N R. 16W 1/4, 1/16, 1/64: NW NW NW

X (ft): 2,512,185 **Y (ft):** 1,499,220

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 178.4

Land Cattle Carrying Capacity (Stock wells only): 5

Amount of Water (ac-ft per annum): 0.112

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0014

Owner(s): THE CLAWSON FARM & RANCH LLC D/B/A THE QUARTER CIRCLE RANCH

Address: P.O. BOX 453
RAMAH NM 87321

Pond

Map Label: 3B-5-SP031

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1970

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 2.0

Surface Area (sq.ft): 1,319

Storage Impoundment (ac-ft): 0.036

Field Visit Date: 5/21/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE NE NW

X(ft): 2,521,565 Y(ft): 1,509,725

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0015

Owner(s): FLOYD K. CLAWSON & FLORA JAMES CLAWSON

Address: P.O. BOX 546
RAMAH NM 87321

Well

Map Label: 3B-5-W074

OSE File No: G 1692

Priority Date: 12/31/1950

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,520,642 **Y (ft):** 1,504,913

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/23/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0015

Owner(s): FLOYD K. CLAWSON & FLORA JAMES CLAWSON

Address: P.O. BOX 546
RAMAH NM 87321

Well

Map Label: 3B-5-W075

OSE File No: G 1286

Priority Date: 8/16/2001

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,520,773 **Y (ft):** 1,504,877

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/23/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0016

Owner(s): HAZEL CLAWSON & FLORA J. CLAWSON

Address: P.O. BOX 751
RAMAH NM 87321

Well

Map Label: 3B-5-W076

OSE File No: None

Priority Date: 1/1/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,520,978 **Y (ft):** 1,505,051

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/23/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0016

Owner(s): HAZEL CLAWSON & FLORA J. CLAWSON

Address: P.O. BOX 751
RAMAH NM 87321

Well

Map Label: 3B-5-W102

OSE File No: G 1572

Priority Date: 12/31/1968

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW NE

X (ft): 2,520,756 **Y (ft):** 1,505,705

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0017

Owner(s): KEITH CLAWSON & LINDA LEE CLAWSON

Address: P.O. BOX 163
RAMAH NM 87321

Well

Map Label: 3B-5-W049

OSE File No: G 1563

Priority Date: 12/31/1947

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,520,412 **Y (ft):** 1,504,959

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 39.7

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 1.472

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0018

Owner(s): LAWRENCE D. CLAWSON OR ELSIE B. CLAWSON

Address: P.O. BOX 22
RAMAH NM 87321

Well

Map Label: 3B-5-W016

OSE File No: G 1828

Priority Date: 12/31/1914

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE SW NW

X (ft): 2,525,386 **Y (ft):** 1,500,079

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 3/19/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0018

Owner(s): LAWRENCE D. CLAWSON OR ELSIE B. CLAWSON

Address: P.O. BOX 22
RAMAH NM 87321

Pond

Map Label: 3B-5-SP032

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1950

Source of Water: Well

Point of Diversion: Fills from well 3B-5-W040 (Location X(ft): 2,524,959;
Y(ft): 1,503,343);

Amount of Water:

Depth (ft): 2.0

Surface Area (sq.ft): 2,182

Storage Impoundment (ac-ft): 0.060

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE SE

X(ft): 2,524,990 Y(ft): 1,503,325

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0019

Owner(s): OLIN CLAWSON OR JACKI CLAWSON

Address: P.O. BOX 381
RAMAH NM 87321

Well

Map Label: 3B-5-W061

OSE File No: G 1424

Priority Date: 6/9/2004

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE NW

X (ft): 2,526,415 **Y (ft):** 1,507,959

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0019

Owner(s): OLIN CLAWSON OR JACKI CLAWSON

Address: P.O. BOX 381
RAMAH NM 87321

Pond

Map Label: 3B-5-SP033

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1961

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 17,622

Storage Impoundment (ac-ft): 0.728

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SW NE NE

X(ft): 2,524,782 Y(ft): 1,501,451

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0019

Owner(s): OLIN CLAWSON OR JACKI CLAWSON

Address: P.O. BOX 381
RAMAH NM 87321

Pond

Map Label: 3B-5-SP034

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 6,417

Storage Impoundment (ac-ft): 0.354

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW SE

X(ft): 2,518,071 **Y(ft):** 1,504,993

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0019

Owner(s): OLIN CLAWSON OR JACKI CLAWSON

Address: P.O. BOX 381
RAMAH NM 87321

Pond

Map Label: 3B-5-SP035

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 9.0

Surface Area (sq.ft): 40,433

Storage Impoundment (ac-ft): 5.012

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW SE

X(ft): 2,518,005 **Y(ft):** 1,505,924

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0020

Owner(s): WAYNE CLAWSON & TINA CLAWSON

Address: P.O. BOX 236
RAMAH NM 87321

Well

Map Label: 3B-5-W097

OSE File No: G 1609

Priority Date: 12/31/1988

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW NE

X (ft): 2,520,594 **Y (ft):** 1,506,842

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0020

Owner(s): WAYNE CLAWSON & TINA CLAWSON

Address: P.O. BOX 236
RAMAH NM 87321

Well

Map Label: 3B-5-W101

OSE File No: G 1608

Priority Date: 12/31/1978

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW NW

X (ft): 2,520,208 **Y (ft):** 1,505,825

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0020

Owner(s): WAYNE CLAWSON & TINA CLAWSON

Address: P.O. BOX 236
RAMAH NM 87321

Pond

Map Label: 3B-5-SP039

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 703

Storage Impoundment (ac-ft): 0.039

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE NE

X(ft): 2,522,270 Y(ft): 1,505,542

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0021

Owner(s): WILLARD LAVAR CLAWSON & DORIS JEAN CLAWSON

Address: 2215 E. 4TH AVE.
APACHE JUNCTION AZ 85219

Well

Map Label: 3B-5-W050

OSE File No: G 1500

Priority Date: 8/5/2004

Purpose of Use: 72-12-1 LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW NW

X (ft): 2,519,768 **Y (ft):** 1,503,206

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 33.0

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0021

Owner(s): WILLARD LAVAR CLAWSON & DORIS JEAN CLAWSON

Address: 2215 E. 4TH AVE.
APACHE JUNCTION AZ 85219

Well

Map Label: 3B-5-W057

OSE File No: G 1586

Priority Date: 6/30/1955

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE SW

X (ft): 2,526,573 **Y (ft):** 1,504,622

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 33.0

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed
1.470 ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0021

Owner(s): WILLARD LAVAR CLAWSON & DORIS JEAN CLAWSON

Address: 2215 E. 4TH AVE.
APACHE JUNCTION AZ 85219

Well

Map Label: 3B-5-W058

OSE File No: G 1584

Priority Date: 1/1/1992

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE SW

X (ft): 2,526,561 **Y (ft):** 1,504,658

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0022

Owner(s): EDD COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Well

Map Label: 3B-5-W098

OSE File No: G 2028

Priority Date: 12/31/1985

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE SE

X (ft): 2,522,182 **Y (ft):** 1,507,590

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0022

Owner(s): EDD COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Well

Map Label: 3B-5-W117

OSE File No: G 0684

Priority Date: 6/11/1996

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NW SW SW

X (ft): 2,522,574 **Y (ft):** 1,507,662

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/28/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0022

Owner(s): EDD COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Pond

Map Label: 3B-5-SP040

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 7.0

Surface Area (sq.ft): 12,749

Storage Impoundment (ac-ft): 1.229

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NE SE SE

X(ft): 2,522,221 **Y(ft):** 1,502,610

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0023

Owner(s): WILLIAM G. COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Well

Map Label: 3B-5-W118

OSE File No: G 2022

Priority Date: 12/31/1940

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW NE

X (ft): 2,523,437 **Y (ft):** 1,506,931

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/28/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0023

Owner(s): WILLIAM G. COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Well

Map Label: 3B-5-W119

OSE File No: G 2027

Priority Date: 12/31/1965

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW SW

X (ft): 2,522,931 **Y (ft):** 1,505,993

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/28/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0023

Owner(s): WILLIAM G. COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Pond

Map Label: 3B-5-SP041

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1953

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 13,927

Storage Impoundment (ac-ft): 0.575

Field Visit Date: 5/18/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: SW NE NE

X(ft): 2,519,367 **Y(ft):** 1,501,487

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0023

Owner(s): WILLIAM G. COFFEY

Address: 3300 MAY CIR. SE
RIO RANCHO NM 87124

Pond

Map Label: 3B-5-SP042

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1963

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 381

Storage Impoundment (ac-ft): 0.016

Field Visit Date: 5/18/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: SW NE NE

X(ft): 2,519,220 **Y(ft):** 1,501,648

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0024

Owner(s): CARLETT DANIELS & KELSEY DANIELS

Address: P.O. BOX 524
RAMAH NM 87321

Well

Map Label: 3B-5-W094

OSE File No: G 1314

Priority Date: 11/1/2001

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE NW

X (ft): 2,521,644 **Y (ft):** 1,505,442

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0025

Owner(s): STEVEN DEE DAVIS & GEORGIANA K. DAVIS

Address: P.O. BOX 387
RAMAH NM 87321

Well

Map Label: 3B-5-W024

OSE File No: G 1566

Priority Date: 12/31/1959

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: SW SE SW

X (ft): 2,518,530 **Y (ft):** 1,499,671

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/18/2005

Area served (acres)-Stock wells only: 139.0

Land Cattle Carrying Capacity (Stock wells only): 4

Amount of Water (ac-ft per annum): 0.790

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0025

Owner(s): STEVEN DEE DAVIS & GEORGIANA K. DAVIS

Address: P.O. BOX 387
RAMAH NM 87321

Well

Map Label: 3B-5-W025

OSE File No: None

Priority Date: 1/1/1895

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: SW SE SW

X (ft): 2,518,521 **Y (ft):** 1,499,669

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/18/2005

Area served (acres)-Stock wells only: 139.0

Land Cattle Carrying Capacity (Stock wells only): 4

Amount of Water (ac-ft per annum): 0.090

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0025

Owner(s): STEVEN DEE DAVIS & GEORGIANA K. DAVIS

Address: P.O. BOX 387
RAMAH NM 87321

Pond

Map Label: 3B-5-SP043

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1961

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 10.0

Surface Area (sq.ft): 10,798

Storage Impoundment (ac-ft): 1.487

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SW NE

X(ft): 2,526,314 **Y(ft):** 1,508,033

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0025

Owner(s): STEVEN DEE DAVIS & GEORGIANA K. DAVIS

Address: P.O. BOX 387
RAMAH NM 87321

Pond

Map Label: 3B-5-SP053

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 13,417

Storage Impoundment (ac-ft): 0.554

Field Visit Date: 6/25/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE SE

X(ft): 2,522,322 **Y(ft):** 1,507,470

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0025

Owner(s): STEVEN DEE DAVIS & GEORGIANA K. DAVIS

Address: P.O. BOX 387
RAMAH NM 87321

Pond

Map Label: 3B-5-SP054

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 1.5

Surface Area (sq.ft): 14,680

Storage Impoundment (ac-ft): 0.303

Field Visit Date: 6/25/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW NW

X(ft): 2,522,376 Y(ft): 1,507,044

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0026

Owner(s): ROLAND ELLSWORTH & DELLA ELLSWORTH

Address: P.O. BOX 273
RAMAH NM 87321

Well

Map Label: 3B-5-W100

OSE File No: None

Priority Date: 1/1/1980

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE NW

X (ft): 2,521,366 **Y (ft):** 1,505,298

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0027

Owner(s): PAUL J. ENZ & CAROLYN F. ENZ

Address: P.O. BOX 876
RAMAH NM 87321

Well

Map Label: 3B-5-W060

OSE File No: None

Priority Date: 1/1/1950

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NE SE

X (ft): 2,524,883 **Y (ft):** 1,506,035

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0028

Owner(s): SHANE L. EVANS & SELINA C. EVANS

Address: P.O. BOX 208
RAMAH NM 87321

Well

Map Label: 3B-5-W093

OSE File No: G 1474

Priority Date: 4/23/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NW SW NW

X (ft): 2,524,306 **Y (ft):** 1,508,246

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0029

Owner(s): GENTRY CONSTRUCTION CO., INC.

Address: 402 ELK SUMMIT DR.
TODD NC 28684

Well

Map Label: 3B-5-W046

OSE File No: G 1629

Priority Date: 1/1/1965

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW SE

X (ft): 2,518,125 **Y (ft):** 1,506,367

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 111.5

Land Cattle Carrying Capacity (Stock wells only): 3

Amount of Water (ac-ft per annum): 0.767

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0029

Owner(s): GENTRY CONSTRUCTION CO., INC.

Address: 402 ELK SUMMIT DR.
TODD NC 28684

Pond

Map Label: 3B-5-SP056

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 19,143

Storage Impoundment (ac-ft): 0.791

Field Visit Date: 6/26/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW SW NE

X(ft): 2,518,020 **Y(ft):** 1,502,941

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0029

Owner(s): GENTRY CONSTRUCTION CO., INC.

Address: 402 ELK SUMMIT DR.
TODD NC 28684

Pond

Map Label: 3B-5-SP057

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 3.0

Surface Area (sq.ft): 17,191

Storage Impoundment (ac-ft): 0.710

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW SE

X(ft): 2,520,624 **Y(ft):** 1,506,414

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0030

Owner(s): JONATHAN GOLDRICK & MASAE GOLDRICK

Address: P.O. BOX 185
RAMAH NM 87321

Well

Map Label: 3B-5-W092

OSE File No: G 1699

Priority Date: 5/31/1989

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW SW

X (ft): 2,525,271 **Y (ft):** 1,505,937

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0031

Owner(s): JIM Y. GREENE & DOROTHY R. GREENE

Address: P.O. BOX 458
MOUNTAINAIR NM 87036

Well

Map Label: 3B-5-W105

OSE File No: None

Priority Date: 7/1/1978

Purpose of Use: MULTIPLE DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW SE

X (ft): 2,517,743 **Y (ft):** 1,504,835

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 1.4 ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0032

Owner(s): KENNETH & ROSEMARY HARRINGTON REV. TRUST

Address: P.O. BOX 266
RAMAH NM 87321

Well

Map Label: 3B-5-W039

OSE File No: G 1415

Priority Date: 8/10/2002

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW NW

X (ft): 2,525,126 **Y (ft):** 1,505,588

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0033

Owner(s): RHONDA R. HOLDEN & RICHARD M. HOLDEN

Address: P.O. BOX 300
SANTA ROSA NM 88435

Well

Map Label: 3B-5-W104

OSE File No: G 1077

Priority Date: 12/20/1999

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SW SW NE

X (ft): 2,517,806 **Y (ft):** 1,505,736

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0034

Owner(s): ROBERT W. IONTA & LINDA A. IONTA REV TRUST

Address: P.O. BOX 1059
GALLUP NM 87305

Well

Map Label: 3B-5-W033

OSE File No: G 1108

Priority Date: 4/26/2000

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE NE SW

X (ft): 2,521,569 **Y (ft):** 1,508,780

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0034

Owner(s): ROBERT W. IONTA & LINDA A. IONTA REV TRUST

Address: P.O. BOX 1059
GALLUP NM 87305

Pond

Map Label: 3B-5-SP058

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 2.0

Surface Area (sq.ft): 11,802

Storage Impoundment (ac-ft): 0.325

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NE SE SE

X(ft): 2,521,708 **Y(ft):** 1,501,984

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0034

Owner(s): ROBERT W. IONTA & LINDA A. IONTA REV TRUST

Address: P.O. BOX 1059
GALLUP NM 87305

Pond

Map Label: 3B-5-SP059

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 2.0

Surface Area (sq.ft): 9,425

Storage Impoundment (ac-ft): 0.260

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: SE NE NW

X(ft): 2,521,229 **Y(ft):** 1,501,693

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0034

Owner(s): ROBERT W. IONTA & LINDA A. IONTA REV TRUST

Address: P.O. BOX 1059
GALLUP NM 87305

Pond

Map Label: 3B-5-SP060

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 3,778

Storage Impoundment (ac-ft): 0.208

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW SW

X(ft): 2,520,027 **Y(ft):** 1,502,020

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0035

Owner(s): GEORGE JOHNSTON & ALDA JOHNSTON

Address: P.O. BOX 609
RAMAH NM 87321

Well

Map Label: 3B-5-W083

OSE File No: G 1793

Priority Date: 12/31/1987

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,525,745 **Y (ft):** 1,504,512

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0036

Owner(s): IRVIN L. JONES & LOIS M. JONES

Address: P.O. BOX 782
RAMAH NM 87321

Well

Map Label: 3B-5-W067

OSE File No: None

Priority Date: 1/1/1970

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SW

X (ft): 2,521,169 **Y (ft):** 1,506,196

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0037

Owner(s): TERRANCE KENNEY & LESLIE KENNEY

Address: 1721 S. CITRUS
GOODYEAR AZ 85338

Well

Map Label: 3B-5-W096

OSE File No: G 1169

Priority Date: 11/1/2000

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW NE

X (ft): 2,520,825 **Y (ft):** 1,506,834

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0038

Owner(s): ALBERT L. LAMBSON & LEOLA LAMBSON

Address: P.O. BOX 841
RAMAH NM 87321

Pond

Map Label: 3B-5-SP061

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1961

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 8.0

Surface Area (sq.ft): 8,366

Storage Impoundment (ac-ft): 0.922

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE NW

X(ft): 2,526,650 **Y(ft):** 1,508,395

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0039

Owner(s): DOROTHY LAMBSON

Address: P.O. BOX 97
RAMAH NM 87321

Well

Map Label: 3B-5-W077

OSE File No: G 2133

Priority Date: 6/7/1987

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SW

X (ft): 2,525,460 **Y (ft):** 1,504,851

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0040

Owner(s): MYRNA R. LAMBSON

Address: 1982 GUEMSEY DR.
CHEYENNE WY 82009

Well

Map Label: 3B-5-W078

OSE File No: G 1997

Priority Date: 1/1/1973

Purpose of Use: IRRIGATION

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NW NE

X (ft): 2,523,383 **Y (ft):** 1,504,407

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): To be determined

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0041

Owner(s): GARLAND LEWIS, LURLENE LEWIS & ELLEVA MCMAHON

Address: P.O. BOX 237
RAMAH NM 87321

Well

Map Label: 3B-5-W081

OSE File No: G 1694

Priority Date: 12/31/1991

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW SW

X (ft): 2,525,289 **Y (ft):** 1,503,702

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0042

Owner(s): GARLAND G. & DEE ANN LEWIS

Address: P.O. BOX 237
RAMAH NM 87321

Well

Map Label: 3B-5-W089

OSE File No: G 1695

Priority Date: 12/31/1950

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SE SE

X (ft): 2,526,949 **Y (ft):** 1,504,616

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0043

Owner(s): JAMES & CINDY LEWIS

Address: P.O. BOX 711
RAMAH NM 87321

Well

Map Label: 3B-5-W087

OSE File No: G 1649

Priority Date: 8/26/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SW

X (ft): 2,526,492 **Y (ft):** 1,505,857

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0044

Owner(s): JAMES R. LEWIS

Address: P.O. BOX 26
RAMAH NM 87321

Well

Map Label: 3B-5-W085

OSE File No: G 1646

Priority Date: 8/26/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SE NE

X (ft): 2,524,556 **Y (ft):** 1,505,310

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0045

Owner(s): JAMES R. LEWIS & LUCILLE LEWIS

Address: P.O. BOX 26
RAMAH NM 87321

Well

Map Label: 3B-5-W084

OSE File No: G 1647

Priority Date: 8/26/2003

Purpose of Use: 72-12-1 SANITARY IN CONJUNCTION WITH A
COMMERCIAL USE

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SE NE

X (ft): 2,524,485 **Y (ft):** 1,505,470

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0046

Owner(s): JODIE RYAN LEWIS OR DEE ANN ARIES LEWIS

Address: P.O. BOX 442
RAMAH NM 87321

Well

Map Label: 3B-5-W086

OSE File No: G 1882

Priority Date: 10/16/2003

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SE SE

X (ft): 2,524,546 **Y (ft):** 1,505,132

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0047

Owner(s): ALAN LEWIS & ELIZABETH A. LEWIS

Address: P.O. BOX 248
RAMAH NM 87321

Well

Map Label: 3B-5-W013

OSE File No: G 1801

Priority Date: 12/31/1984

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE NW

X (ft): 2,521,423 **Y (ft):** 1,507,044

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 3/17/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0048

Owner(s): MARVIN LEWIS

Address: P.O. BOX 275
RAMAH NM 87321

Well

Map Label: 3B-5-W065

OSE File No: None

Priority Date: 1/1/1944

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW SE

X (ft): 2,526,159 **Y (ft):** 1,506,013

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0049

Owner(s): BRIAN P. MAKI & MARYAH L. MAKI

Address: P.O. BOX 621
RAMAH NM 87321

Well

Map Label: 3B-5-W095

OSE File No: G 1589

Priority Date: 12/31/1981

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SW

X (ft): 2,521,431 **Y (ft):** 1,506,397

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0050

Owner(s): RICHARD DAVIS MALLERY REV. TRUST

Address: P.O. BOX 219
RAMAH NM 87321

Well

Map Label: 3B-5-W037

OSE File No: G 0657

Priority Date: 3/20/1996

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SE

X (ft): 2,522,130 **Y (ft):** 1,506,216

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0050

Owner(s): RICHARD DAVIS MALLERY REV. TRUST

Address: P.O. BOX 219
RAMAH NM 87321

Well

Map Label: 3B-5-W038

OSE File No: G 2180

Priority Date: 12/31/1960

Purpose of Use: COMMERCIAL

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SE

X (ft): 2,520,713 **Y (ft):** 1,504,698

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): 3.000

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0051

Owner(s): ROBERT E. MERRIL & LAVERNE B. MERRIL

Address: P.O. BOX 324
RAMAH NM 87321

Well

Map Label: 3B-5-W014

OSE File No: G 1375

Priority Date: 2/17/2004

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW NW

X (ft): 2,525,397 **Y (ft):** 1,505,579

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 3/18/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0051

Owner(s): ROBERT E. MERRIL & LAVERNE B. MERRIL

Address: P.O. BOX 324
RAMAH NM 87321

Well

Map Label: 3B-5-W015

OSE File No: G 1716

Priority Date: 12/31/1963

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW SE

X (ft): 2,525,632 **Y (ft):** 1,501,912

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 3/18/2005

Area served (acres)-Stock wells only: 17.8

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 1.000

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0051

Owner(s): ROBERT E. MERRIL & LAVERNE B. MERRIL

Address: P.O. BOX 324
RAMAH NM 87321

Well

Map Label: 3B-5-W120

OSE File No: G 1390

Priority Date: 1/1/1986

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW NW

X (ft): 2,525,448 **Y (ft):** 1,502,558

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 17.8

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.023

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0051

Owner(s): ROBERT E. MERRIL & LAVERNE B. MERRIL

Address: P.O. BOX 324
RAMAH NM 87321

Pond

Map Label: 3B-5-SP018

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 4,764

Storage Impoundment (ac-ft): 0.262

Field Visit Date: 3/18/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW SW

X(ft): 2,525,511 **Y(ft):** 1,501,926

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft): 0.0

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0051

Owner(s): ROBERT E. MERRIL & LAVERNE B. MERRIL

Address: P.O. BOX 324
RAMAH NM 87321

Pond

Map Label: 3B-5-SP062

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1961

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 4.0

Surface Area (sq.ft): 1,330

Storage Impoundment (ac-ft): 0.073

Field Visit Date: 6/27/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SE NW

X(ft): 2,526,571 **Y(ft):** 1,508,404

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0052

Owner(s): BONNIE I. MYERS & MARTIN L. MYERS

Address: P.O. BOX 25
RAMAH NM 87321

Well

Map Label: 3B-5-W040

OSE File No: G 1579

Priority Date: 12/31/1940

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE SE

X (ft): 2,524,959 **Y (ft):** 1,503,343

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 5.5

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.062

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0052

Owner(s): BONNIE I. MYERS & MARTIN L. MYERS

Address: P.O. BOX 25
RAMAH NM 87321

Well

Map Label: 3B-5-W041

OSE File No: G 1577

Priority Date: 1/1/1968

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW SW

X (ft): 2,525,078 **Y (ft):** 1,503,318

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 5.5

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.336

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0052

Owner(s): BONNIE I. MYERS & MARTIN L. MYERS

Address: P.O. BOX 25
RAMAH NM 87321

Well

Map Label: 3B-5-W043

OSE File No: G 1576

Priority Date: 12/31/1930

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE SW SW

X (ft): 2,525,032 **Y (ft):** 1,504,711

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0052

Owner(s): BONNIE I. MYERS & MARTIN L. MYERS

Address: P.O. BOX 25
RAMAH NM 87321

Pond

Map Label: 3B-5-SP063

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 24.0

Surface Area (sq.ft): 28,590

Storage Impoundment (ac-ft): 4.726

Field Visit Date: 6/28/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW NE

X(ft): 2,523,342 **Y(ft):** 1,506,837

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0053

Owner(s): NEW MEXICO STATE HWY DEPT.

Address: P.O. BOX 1149
SANTA FE NM 87503

Well

Map Label: 3B-5-W113

OSE File No: None

Priority Date: 1/1/1965

Purpose of Use: COMMERCIAL

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW NW NE

X (ft): 2,518,192 **Y (ft):** 1,504,552

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0054

Owner(s): NEW MEXICO STATE LAND OFFICE

Address: 310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE NM 87504

Well

Map Label: 3B-5-W044

OSE File No: None

Priority Date: 1/1/1950

Purpose of Use: LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SW NE NE

X (ft): 2,524,714 **Y (ft):** 1,501,873

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/24/2005

Area served (acres)-Stock wells only: 230.0

Land Cattle Carrying Capacity (Stock wells only): 6

Amount of Water (ac-ft per annum): 0.134

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0054

Owner(s): NEW MEXICO STATE LAND OFFICE

Address: 310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE NM 87504

Pond

Map Label: 3B-5-SP064

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1971

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 15.0

Surface Area (sq.ft): 26,071

Storage Impoundment (ac-ft): 5.386

Field Visit Date: 6/28/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NW NE

X(ft): 2,523,504 **Y(ft):** 1,506,845

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0055

Owner(s): KENT NICOLL & VIVIAN NICOLL

Address: P.O. BOX 88
RAMAH NM 87321

Well

Map Label: 3B-5-W079

OSE File No: None

Priority Date: 3/13/1994

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE SE SE

X (ft): 2,527,131 **Y (ft):** 1,501,901

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0056

Owner(s): RAMAH DOMESTIC UTIL. ASSOC.

Address: P.O. BOX 416
RAMAH NM 87321

Well

Map Label: 3B-5-W063

OSE File No: None

Priority Date: 1/1/1970

Purpose of Use: PUBLIC WATER SUPPLY

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW SE NW

X (ft): 2,524,278 **Y (ft):** 1,505,711

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 17.0
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0057

Owner(s): RAMAH WATER & SANITATION DISTRICT

Address: P.O. BOX 416
RAMAH NM 87321

Well

Map Label: 3B-5-W064

OSE File No: None

Priority Date: 1/1/1972

Purpose of Use: PUBLIC WATER SUPPLY

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SW NE NE

X (ft): 2,524,830 **Y (ft):** 1,507,095

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 17.0
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0057

Owner(s): RAMAH WATER & SANITATION DISTRICT

Address: P.O. BOX 416
RAMAH NM 87321

Well

Map Label: 3B-5-W066

OSE File No: None

Priority Date: 1/1/1958

Purpose of Use: PUBLIC WATER SUPPLY

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NE

X (ft): 2,524,967 **Y (ft):** 1,504,307

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/21/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 17.0
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0057

Owner(s): RAMAH WATER & SANITATION DISTRICT

Address: P.O. BOX 416
RAMAH NM 87321

Pond

Map Label: 3B-5-SP021

Purpose of Use: LIVESTOCK

Priority Date: 10/6/1997

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 1.0

Surface Area (sq.ft): 2,055

Storage Impoundment (ac-ft): 0.028

Field Visit Date: 3/19/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE SW SW

X(ft): 2,525,103 **Y(ft):** 1,499,315

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft): 0.0

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0057

Owner(s): RAMAH WATER & SANITATION DISTRICT

Address: P.O. BOX 416
RAMAH NM 87321

Pond

Map Label: 3B-5-SP065

Purpose of Use: LIVESTOCK

Priority Date: 1/1/1984

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 1.0

Surface Area (sq.ft): 399

Storage Impoundment (ac-ft): 0.005

Field Visit Date: 6/29/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: SE NE SE

X(ft): 2,527,202 Y(ft): 1,501,150

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft):

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0058

Owner(s): LANNY JASON RAY & DANA RAY

Address: P.O. BOX 362
RAMAH NM 87321

Well

Map Label: 3B-5-W027

OSE File No: G 1521

Priority Date: 12/31/1983

Purpose of Use: DOMESTIC & LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NW NE NW

X (ft): 2,518,520 **Y (ft):** 1,504,406

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/18/2005

Area served (acres)-Stock wells only: 24.5

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): 0.722

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0059

Owner(s): LARRY J. REEVES & SUZANNE M. REEVES

Address: P.O. BOX 575
RAMAH NM 87321

Well

Map Label: 3B-5-W051

OSE File No: G 1584

Priority Date: 10/31/1972

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5D

S. 3 T. 10N R. 16W 1/4, 1/16, 1/64: NE SW SW

X (ft): 2,520,133 **Y (ft):** 1,502,390

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0060

Owner(s): DONALD E. SHARP

Address: P.O. BOX 810
RAMAH NM 87321

Well

Map Label: 3B-5-W034

OSE File No: G 0916

Priority Date: 11/5/1998

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SE

X (ft): 2,522,056 **Y (ft):** 1,506,475

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0060

Owner(s): DONALD E. SHARP

Address: P.O. BOX 810
RAMAH NM 87321

Well

Map Label: 3B-5-W035

OSE File No: G 0916X

Priority Date: 11/30/1998

Purpose of Use: SUPPLEMENTAL

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: SE NE SE

X (ft): 2,522,047 **Y (ft):** 1,506,320

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/22/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0061

Owner(s): ANN C. SULLIVAN

Address: P.O. BOX 1704
BLOOMFIELD NM 87413

Well

Map Label: 3B-5-W103

OSE File No: G 1675

Priority Date: 12/31/1960

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5C

S. 34 T. 11N R. 16W 1/4, 1/16, 1/64: NE NW SE

X (ft): 2,520,653 **Y (ft):** 1,508,626

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/25/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0062

Owner(s): GARY L. TIETJEN & GERALDINE B. TIETJEN TRUST

Address: 110200 CORONADO NE
ALBUQUERQUE NM 87122

Well

Map Label: 3B-5-W116

OSE File No: None

Priority Date: 1/1/1972

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW SE

X (ft): 2,525,661 **Y (ft):** 1,505,861

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/27/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0063

Owner(s): JERRY TIETJEN OR NELDA TIETJEN

Address: P.O. BOX 323
RAMAH NM 87321

Well

Map Label: 3B-5-W020

OSE File No: G 1326

Priority Date: 12/27/2001

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SW NE

X (ft): 2,526,077 **Y (ft):** 1,508,085

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 4/28/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0063

Owner(s): JERRY TIETJEN OR NELDA TIETJEN

Address: P.O. BOX 323
RAMAH NM 87321

Well

Map Label: 3B-5-W059
OSE File No: G 0801
Priority Date: 7/14/1997
Purpose of Use: 72-12-1 LIVESTOCK

Well Location: As shown on Hydrographic Survey Map 3B-5E
S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: NE SW SE
X (ft): 2,525,948 **Y (ft):** 1,507,519
New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 5/25/2005

Area served (acres)-Stock wells only: 38.0

Land Cattle Carrying Capacity (Stock wells only): 1

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0063

Owner(s): JERRY TIETJEN OR NELDA TIETJEN

Address: P.O. BOX 323
RAMAH NM 87321

Well

Map Label: 3B-5-W122

OSE File No: G 2372

Priority Date: 7/5/2005

Purpose of Use: 72-12-1 DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5E

S. 35 T. 11N R. 16W 1/4, 1/16, 1/64: SE NW NE

X (ft): 2,526,028 **Y (ft):** 1,507,073

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 12/20/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0064

Owner(s): STEPHEN L. VOYLES & TAMZIN VOYLES

Address: P.O. BOX 886
RAMAH NM 87321

Well

Map Label: 3B-5-W082

OSE File No: G 1596

Priority Date: 12/31/1901

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW NE

X (ft): 2,525,768 **Y (ft):** 1,504,434

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/24/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Pond

Map Label: 3B-5-RS001

Purpose of Use: IRRIGATION

Priority Date: 1/1/1910

Source of Water: Surface Runoff

Point of Diversion: Not Applicable

Amount of Water:

Depth (ft): 28.0

Surface Area (sq.ft): 20,719,970

Storage Impoundment (ac-ft): 7991.000

Field Visit Date: 5/24/2005

Pond Location: As shown on Hydrographic Survey Map 3B-5G

S. 25 T. 11N R. 16W 1/4, 1/16, 1/64:

X(ft): 2,531,533 **Y(ft):** 1,514,230

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Dam height (if greater than 9 ft): 38.0

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

IRRIGATION

Office of the State Engineer File No: SD 0420

Priority Date: 6/10/1920

Source of Water: Surface Waters of the Zuni River Stream System

Purpose of Use: IRRIGATION

Point of Diversion: Headgate at the Ramah Reservoir Dam (Location X(ft):
2,526,913 Y(ft): 1,508,527)

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Amount of Water: To be determined

Total Irrigated Acreage is 981.7 acres, distributed as follows:

Tract ID: 3B-5A-IRR02

Section: 4 **Township:** 10N **Range:** 16W

The SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5A

Area (acres): 56.46

Tract ID: 3B-5A-IRR03

Section: 4 **Township:** 10N **Range:** 16W

The SE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5A

Area (acres): 61.89

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5B-IRR01

Section: 9 **Township:** 10N **Range:** 16W

NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5B

Area (acres): 160.92

Tract ID: 3B-5B-IRR02

Section: 9 **Township:** 10N **Range:** 16W

The E 1/2 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5B

Area (acres): 33.45

Tract ID: 3B-5C-IRR02

Section: 34 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5C

Area (acres): 2.92

Tract ID: 3B-5C-IRR03

Section: 34 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5C

Area (acres): 2.47

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5C-IRR04

Section: 34 **Township:** 11N **Range:** 16W

The SE 1/4 of the SE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5C

Area (acres): 8.27

Tract ID: 3B-5D-IRR01

Section: 3 **Township:** 10N **Range:** 16W

The SW 1/4 of the NW 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 2.94

Tract ID: 3B-5D-IRR02

Section: 3 **Township:** 10N **Range:** 16W

The E 1/2 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 61.93

Tract ID: 3B-5D-IRR03

Section: 3 **Township:** 10N **Range:** 16W

The SW 1/4 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 8.52

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR04

Section: 3 **Township:** 10N **Range:** 16W

The W 1/2 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 11.41

Tract ID: 3B-5D-IRR05

Section: 3 **Township:** 10N **Range:** 16W

The E 1/2 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 14.27

Tract ID: 3B-5D-IRR06

Section: 3 **Township:** 10N **Range:** 16W

The W 1/2 of the NE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 15.27

Tract ID: 3B-5D-IRR07

Section: 3 **Township:** 10N **Range:** 16W

The E 1/2 of the NE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 10.98

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR08

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the SE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 18.27

Tract ID: 3B-5D-IRR09

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 3.61

Tract ID: 3B-5D-IRR10

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 5.23

Tract ID: 3B-5D-IRR11

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 1.97

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR12

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 12.70

Tract ID: 3B-5D-IRR13

Section: 3 **Township:** 10N **Range:** 16W

The W 1/2 of the SE 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 13.71

Tract ID: 3B-5D-IRR14

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 53.08

Tract ID: 3B-5D-IRR15

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the NE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 8.58

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR16

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the NE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 1.39

Tract ID: 3B-5D-IRR17

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the NE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 2.36

Tract ID: 3B-5D-IRR18

Section: 3 **Township:** 10N **Range:** 16W

The SW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 8.95

Tract ID: 3B-5D-IRR19

Section: 3 **Township:** 10N **Range:** 16W

The SE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 5.95

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR20

Section: 3 **Township:** 10N **Range:** 16W

The SW 1/4 of the SE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 2.63

Tract ID: 3B-5D-IRR21

Section: 3 **Township:** 10N **Range:** 16W

The SE 1/4 of the SE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 7.89

Tract ID: 3B-5D-IRR22

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 9.87

Tract ID: 3B-5D-IRR23

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 4.48

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5D-IRR24

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 3.76

Tract ID: 3B-5D-IRR25

Section: 3 **Township:** 10N **Range:** 16W

The NE 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 6.54

Tract ID: 3B-5D-IRR26

Section: 3 **Township:** 10N **Range:** 16W

The NW 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 9.61

Tract ID: 3B-5D-IRR27

Section: 3 **Township:** 10N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5D

Area (acres): 3.99

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR01

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the NW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 11.56

Tract ID: 3B-5E-IRR02

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 20.17

Tract ID: 3B-5E-IRR03

Section: 35 **Township:** 11N **Range:** 16W

The W 1/2 of the NE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 16.74

Tract ID: 3B-5E-IRR04

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 9.68

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR05

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 6.39

Tract ID: 3B-5E-IRR06

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the NW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 16.32

Tract ID: 3B-5E-IRR07

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the NE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 8.69

Tract ID: 3B-5E-IRR08

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.53

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR09

Section: 35 **Township:** 11N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.55

Tract ID: 3B-5E-IRR10

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the NW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.72

Tract ID: 3B-5E-IRR11

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the NW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.59

Tract ID: 3B-5E-IRR13

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the NW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.68

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR14

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.61

Tract ID: 3B-5E-IRR15

Section: 35 **Township:** 11N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.37

Tract ID: 3B-5E-IRR16

Section: 35 **Township:** 11N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.09

Tract ID: 3B-5E-IRR17

Section: 35 **Township:** 11N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.52

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR18

Section: 35 **Township:** 11N **Range:** 16W

The NW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.88

Tract ID: 3B-5E-IRR19

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.11

Tract ID: 3B-5E-IRR20

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 1.20

Tract ID: 3B-5E-IRR21

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 13.02

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR22

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 10.99

Tract ID: 3B-5E-IRR23

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 1.06

Tract ID: 3B-5E-IRR24

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.99

Tract ID: 3B-5E-IRR25

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.08

**United States of America
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR26

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.73

Tract ID: 3B-5E-IRR30

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SE 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 1.99

Tract ID: 3B-5E-IRR31

Section: 35 **Township:** 11N **Range:** 16W

The NE 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.15

Tract ID: 3B-5E-IRR32

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.21

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR33

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SE 1/4 of the SW 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.26

Tract ID: 3B-5E-IRR34

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.58

Tract ID: 3B-5E-IRR35

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.54

Tract ID: 3B-5E-IRR36

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.31

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5E-IRR37

Section: 35 **Township:** 11N **Range:** 16W

The SW 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.12

Tract ID: 3B-5E-IRR38

Section: 35 **Township:** 11N **Range:** 16W

The SE 1/4 of the SW 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5E

Area (acres): 0.14

Tract ID: 3B-5F-IRR01

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the NW 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.14

Tract ID: 3B-5F-IRR02

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the NW 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 1.39

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5F-IRR03

Section: 2 **Township:** 10N **Range:** 16W

The SW 1/4 of the NW 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 22.65

Tract ID: 3B-5F-IRR04

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 11.38

Tract ID: 3B-5F-IRR05

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the NW 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 36.50

Tract ID: 3B-5F-IRR06

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.27

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5F-IRR07

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.97

Tract ID: 3B-5F-IRR08

Section: 2 **Township:** 10N **Range:** 16W

The SW 1/4 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 7.20

Tract ID: 3B-5F-IRR10

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 4.00

Tract ID: 3B-5F-IRR11

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 4.31

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5F-IRR12

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 4.75

Tract ID: 3B-5F-IRR13

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 4.25

Tract ID: 3B-5F-IRR14

Section: 2 **Township:** 10N **Range:** 16W

The SW 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 8.65

Tract ID: 3B-5F-IRR15

Section: 2 **Township:** 10N **Range:** 16W

The SE 1/4 of the SW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 10.13

**United States of America
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Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5F-IRR16

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of th SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 46.82

Tract ID: 3B-5F-IRR17

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the NE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.09

Tract ID: 3B-5F-IRR18

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the NE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.94

Tract ID: 3B-5F-IRR19

Section: 2 **Township:** 10N **Range:** 16W

The NE 1/4 of the NE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.12

**United States of America
Department of Interior
Zuni River Basin Adjudication
Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0065

Owner(s): RAMAH LAND AND IRRIGATION CO.

Address: P.O. BOX 117
RAMAH NM 87321

Tract ID: 3B-5F-IRR21

Section: 2 **Township:** 10N **Range:** 16W

The N 1/2 of the S 1/2 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 27.36

Tract ID: 3B-5F-IRR22

Section: 2 **Township:** 10N **Range:** 16W

The SE 1/4 of the NE 1/4 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.10

Tract ID: 3B-5F-IRR23

Section: 2 **Township:** 10N **Range:** 16W

The S 1/2 of the S 1/2 of the SE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 25.70

Tract ID: 3B-5F-IRR24

Section: 2 **Township:** 10N **Range:** 16W

The NW 1/4 of the NW 1/4 of the NE 1/4

Location: As shown on Hydrographic Survey Map 3B-5F

Area (acres): 0.14

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Department of Interior
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Hydrographic Survey of Sub-area Ramah**

Subfile No.: ZRB-5-0066

Owner(s): DEWARD LANCE BOND

Address: 11432 113TH PL. NE
KIRKLAND WA 98033

Well

Map Label: 3B-5-W111

OSE File No: None

Priority Date: 3/13/1994

Purpose of Use: DOMESTIC

Well Location: As shown on Hydrographic Survey Map 3B-5F

S. 2 T. 10N R. 16W 1/4, 1/16, 1/64: NE NW NW

X (ft): 2,525,237 **Y (ft):** 1,504,396

New Mexico State Plane Coordinate System, West Zone, NAD 1983

Field Visit Date: 6/26/2005

Area served (acres)-Stock wells only: 0.0

Land Cattle Carrying Capacity (Stock wells only): 0

Amount of Water (ac-ft per annum): Historical beneficial use not to exceed 0.7
ac-ft per annum;