

T. 2 S., R. 39 E., W.M.
SCALE IN FEET
800 0 800

EXISTING RUDD BASALT WELL (AR WELL)
SEE FIGURE 3 FOR CONCEPTUAL
IMPROVEMENTS

VALVING IMPROVEMENTS AT PIVOT
SEE FIGURE 2

EXISTING RUDD WELL NO. 1
(SOURCE WELL)
SEE FIGURE 2 FOR
CONCEPTUAL IMPROVEMENTS

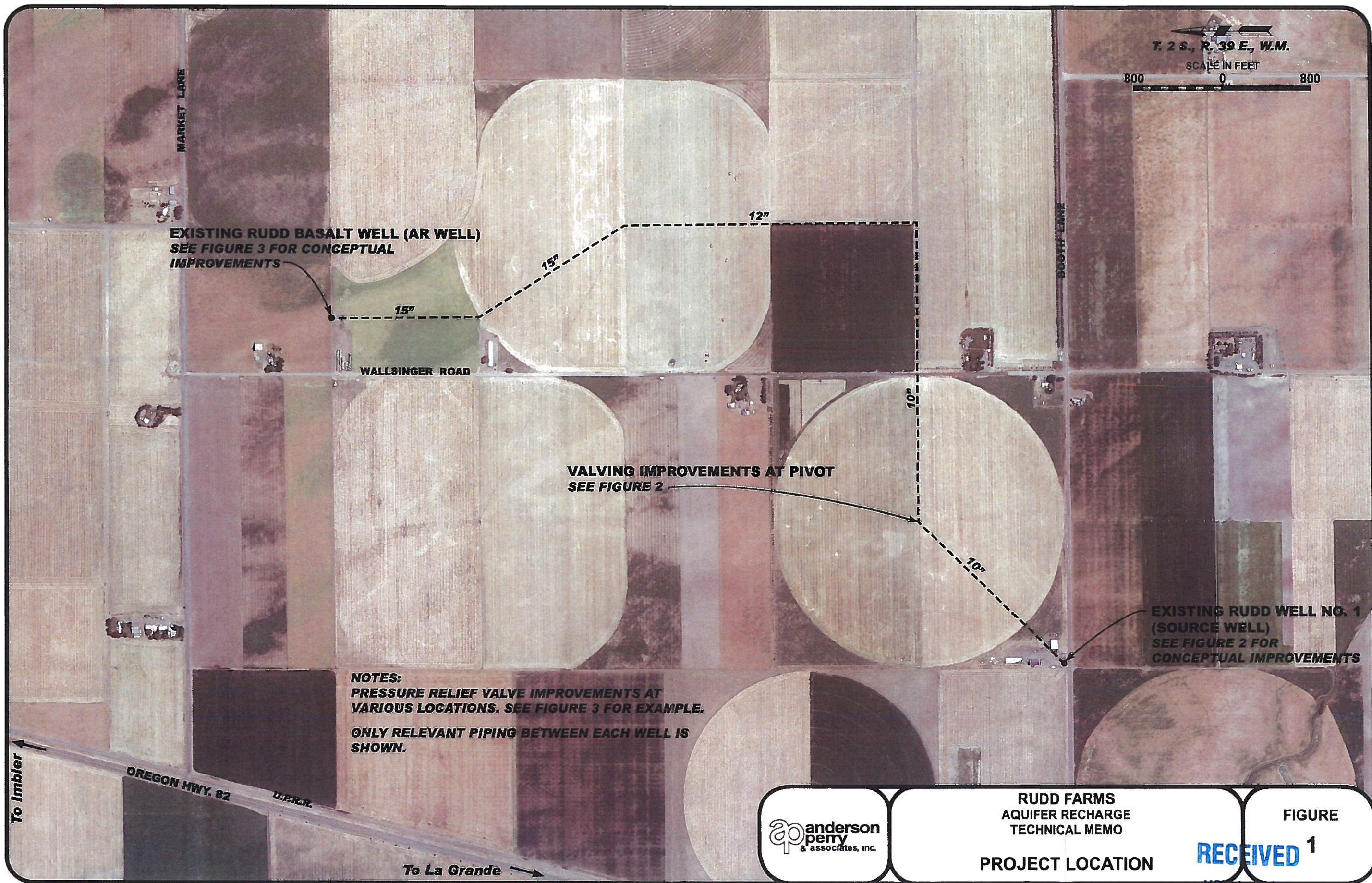
NOTES:
PRESSURE RELIEF VALVE IMPROVEMENTS AT
VARIOUS LOCATIONS. SEE FIGURE 3 FOR EXAMPLE.
ONLY RELEVANT PIPING BETWEEN EACH WELL IS
SHOWN.

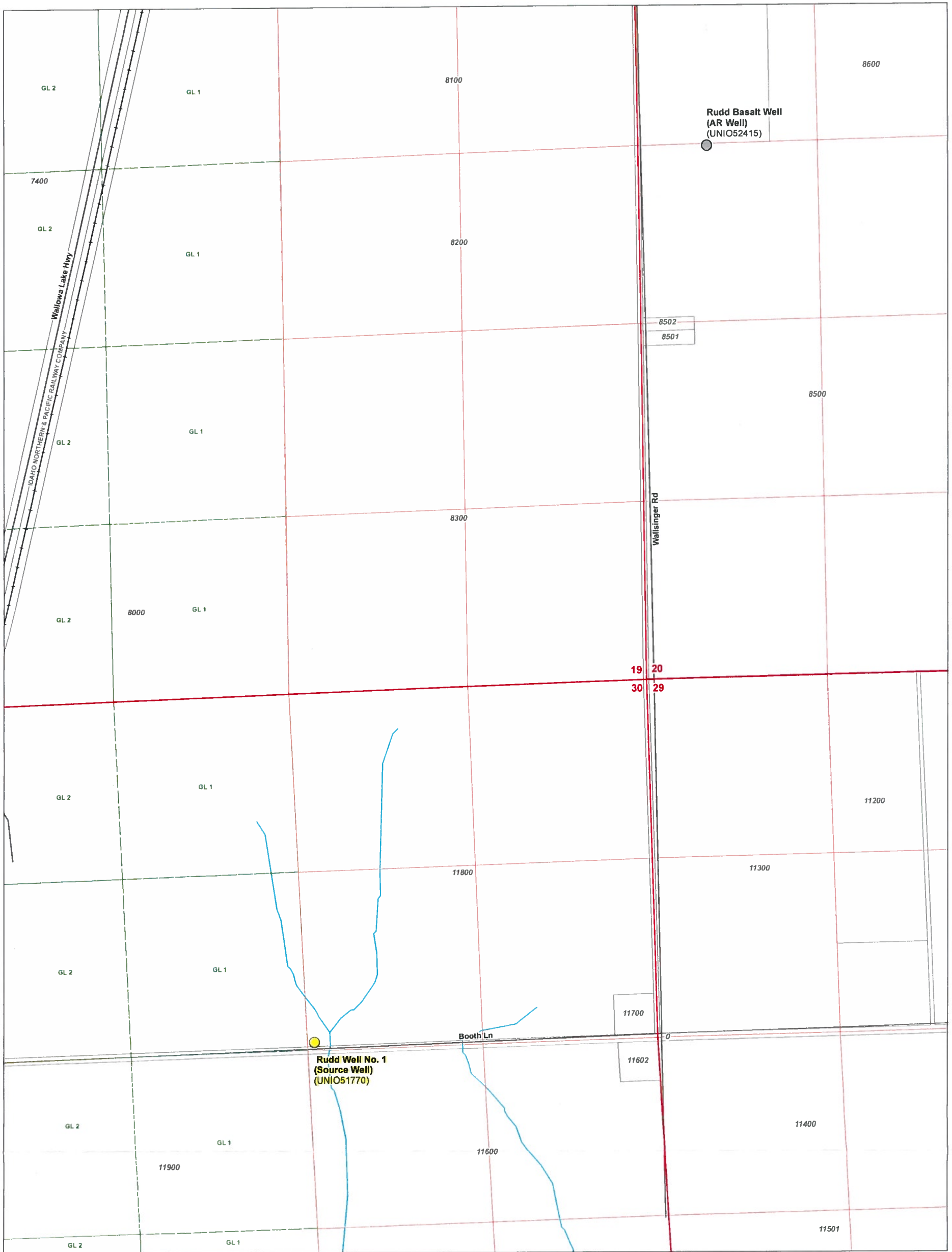


RUDD FARMS
AQUIFER RECHARGE
TECHNICAL MEMO
PROJECT LOCATION

FIGURE
1
RECEIVED
NOV 27 2020
OWRD

Job# 1199-714-060 Sep. 24, 2019 lbauer





LEGEND

- Alluvial Well
- Basalt Well
- All Other Features**
- Tax Lot
- Government Lot (GL)
- Railroad
- Major Road
- Watercourse

RECEIVED

NOV 27 2020

OWRD

Certified Water Rights Examiner Stamp

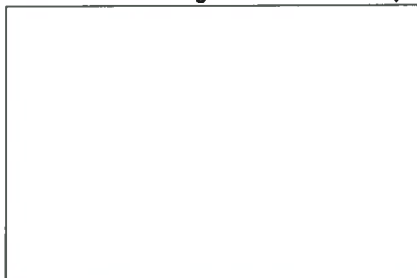
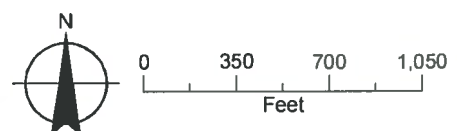
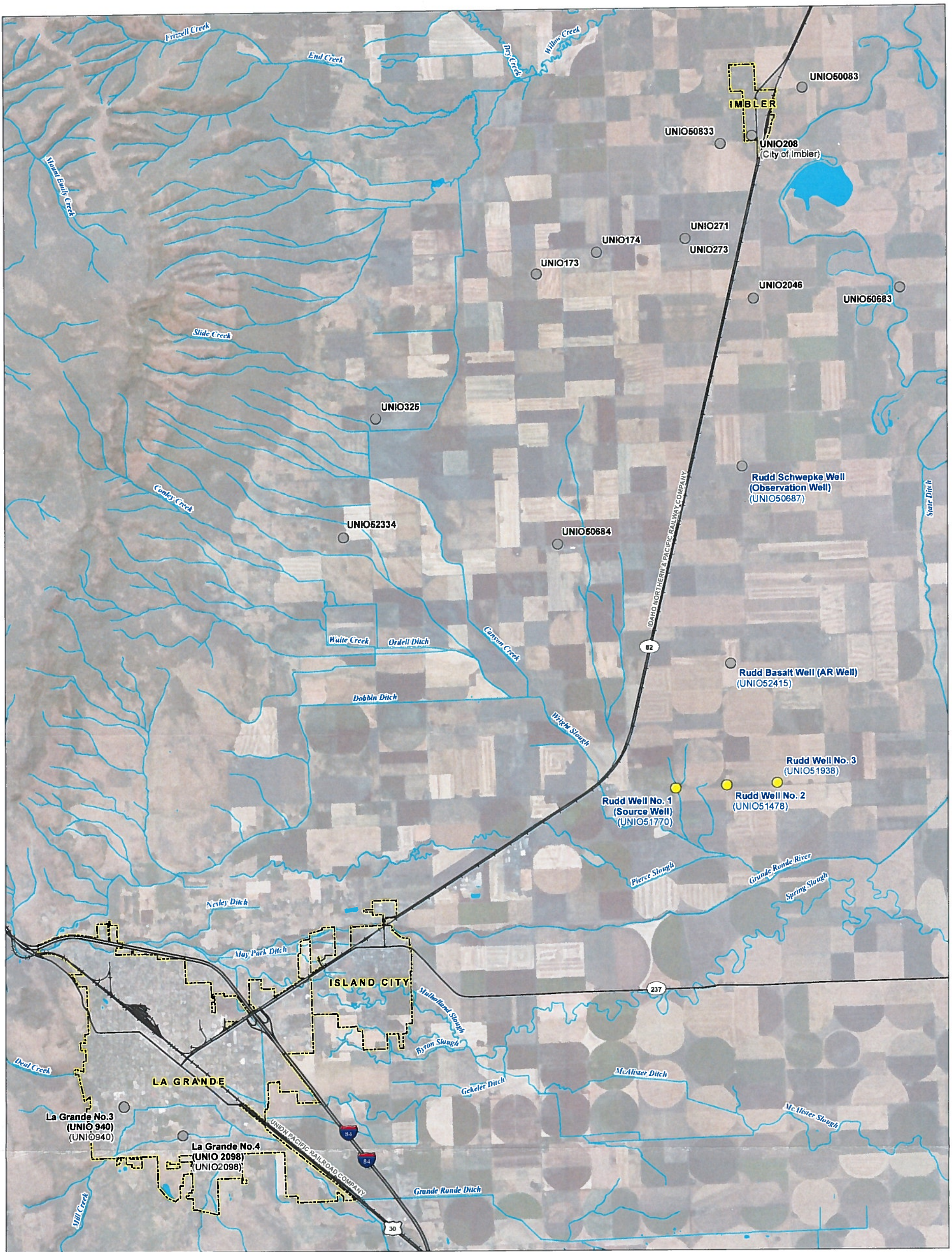


FIGURE 1

Proposed Rudd Farms AR Project
 Rudd Farms
 Township 2 South, Range 39 East (W.M.)



Date: February 11, 2019
 Data Sources: OWRD, ESRI, USGS, DigiGlobe 2017



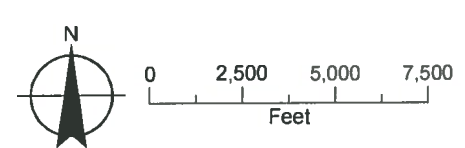
- LEGEND**
- Alluvial Well
 - Basalt Well
 - Railroad
 - Major Road
 - ~ Watercourse
 - Waterbody

RECEIVED

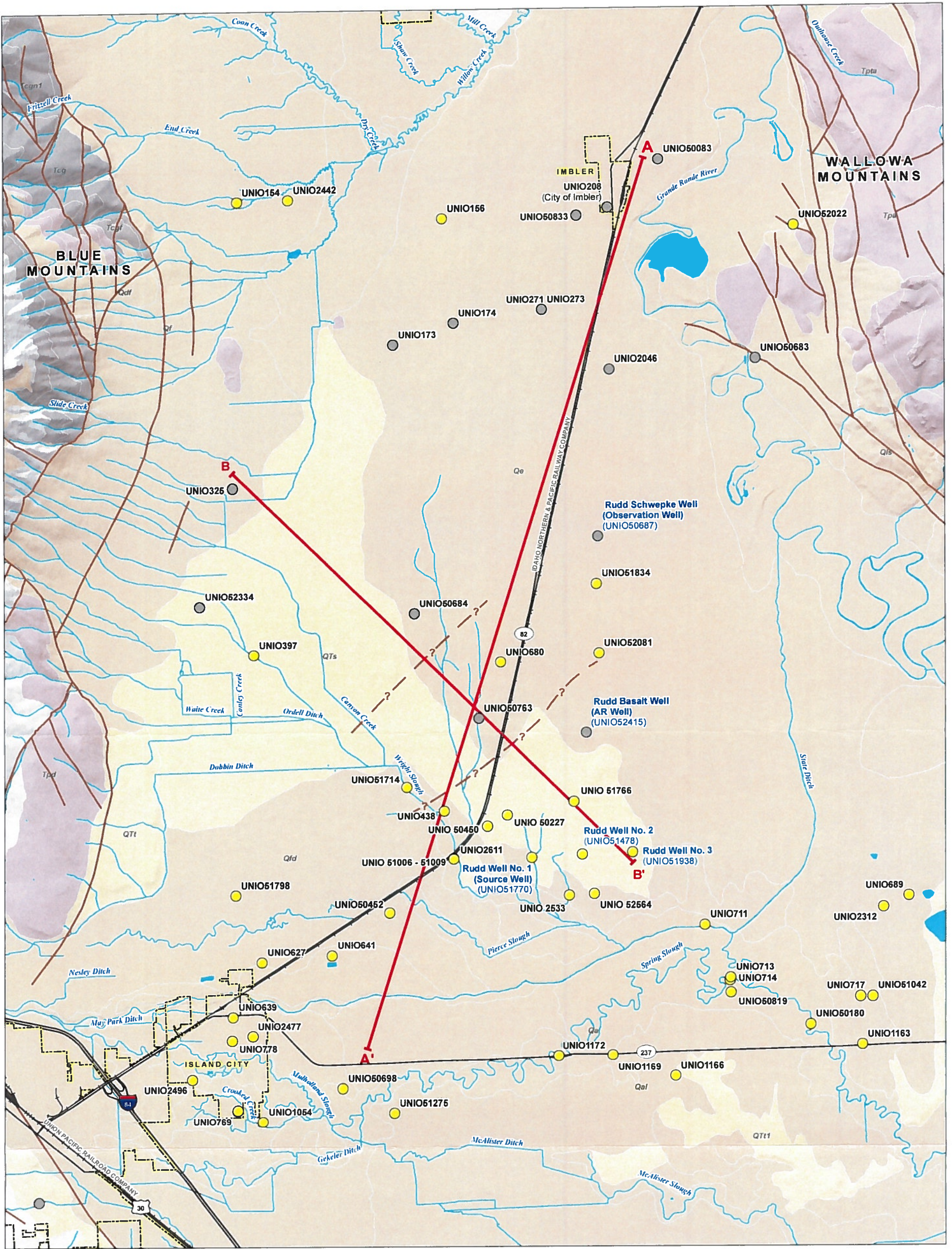
NOV 27 2019

OWRD

FIGURE 1
CRBG Aquifer Wells Rudd Farms Wells
 Rudd Farms
 AR Limited License Application



Date: February 11, 2019
 Data Sources: OWRD, ESRI, USGS, DigiGlobe 2017



LEGEND

- Alluvial Well
- Basalt Well
- Cross Section Line
- Surficial Geology**
- Valley-Fill Deposits**
- Quaternary surficial deposits
- Neogene sedimentary rocks
- Volcanic Rocks**
- Powder River Volcanic Field
- Columbia River Basalt Group
- Fault
- - - Inferred Fault
- All Other Features**
- City Boundary
- Railroad
- Major Road
- Watercourse
- Waterbody

Date: February 11, 2019
 Data Sources: OWRD, ESRI, USGS

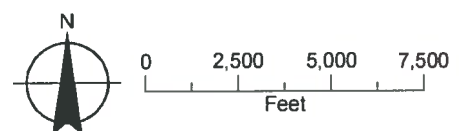
RECEIVED

NOV 3 7 2019

OWRD

FIGURE 3

Surficial Geologic Map
 Rudd Farms
 AR Limited License Application





LEGEND

- Alluvial Well
- Railroad
- Major Road
- Watercourse

RECEIVED

NOV 27 2019

OWRD

NOTE:

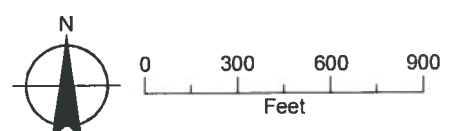
The following wells are located with 0.5 miles of Rudd Well No. 1 (based on PLSS data) and are not shown because they could not be precisely located by tax lot, bearing from section corner, or address: UNIO 709, UNIO 710, and UNIO 51734.

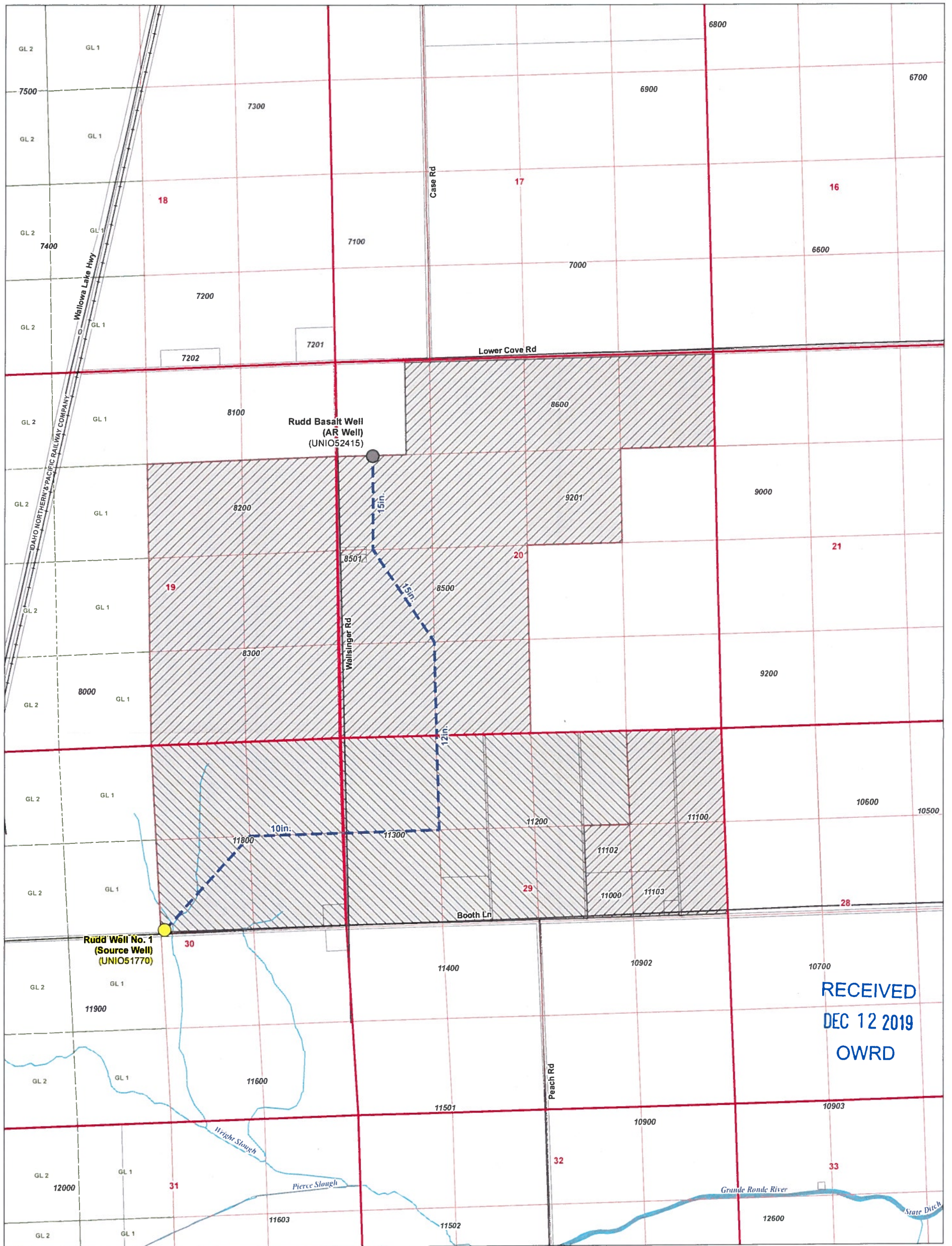
Date: February 11, 2019
Data Sources: OWRD, ESRI, USGS, DigiGlobe 2017

FIGURE 6

Alluvial Wells Within 0.5 Miles of Well No. 1

Rudd Farms
AR Limited License Application





RECEIVED
DEC 12 2019
OWRD

LEGEND

- Alluvial Well
- Basalt Well
- Conveyance Pipe
- Place of Use (POU)**
- Permit: G17020, Primary
- Permit: G17020, Supplemental
- Tax Lot
- Government Lot (GL)
- Railroad
- Major Road
- ~ Watercourse

Certified Water Rights Examiner Stamp

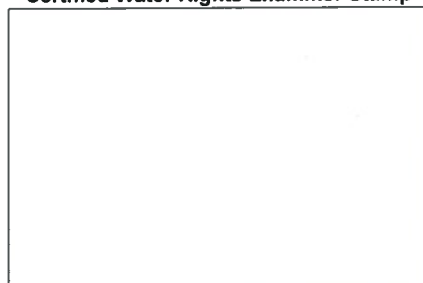
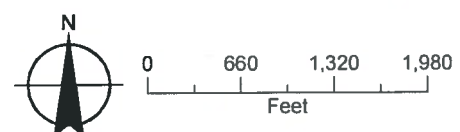


FIGURE 1

Proposed Rudd Farms AR Project
Rudd Farms
Township 2 South, Range 39 East (W.M.)

Date: December 10, 2019
Data Sources: OWRD, ESRI, USGS



POA LOCATION DESCRIPTION

Point of Appropriation - Rudd Well No. 1
Located 44 feet North and 2,589 feet West from the West quarter corner of Section 29 Township 2 South, Range 39 East (W.M.)



Figure 1
Site Map for UIC Application

RECEIVED
NOV 27 2020
OWBD