

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-8238

Exam Date: 9/18/2012

1. Current Owner: JOHN REITSMA
738 CANYON RIM RD
TWIN FALLS ID 83301
(208)539-5007
2. Accompanied by: Jeanie Robertson IDWR and Sean (stepson of permit holder)
Phone No: 308-2590
Address: same

3. **SOURCE**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Salmon River Canal Co. and stockwater /commercial rights in the name of Reistma.
2. Other water rights with the same point of diversion: 47-8011A lists one of these wells for irrigation acres in Section 13 and stockwater/commercial use in Section 12.

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER	NW1/4SE1/4	Sec. 12,	Twp 12S,	Rge 16E, B.M.
TWIN FALLS County				
GROUND WATER	SE1/4SE1/4	Sec. 12,	Twp 12S,	Rge 16E, B.M.
TWIN FALLS County				

Method of Determination: **GPS and 2011 aerial imagery.**

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
12S	16E	12	40.0		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	35.0	595.0

Total Acres: 595

Method of Determination: **1996 aerial imagery and taxlot information.**

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
D0057144	US Motor	150	C2684-01-231	Verti Line	95-73699 8 inch line
A0017791	US Motor	200	C1513-01-867	Verti Line	none 10 inch line

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Panametrics	Polysonic	T878		277960		03/2012

2. Measurements:

A measurement was acquired for the well in the SESE of Section 12 on 8/29/12 that indicated the ten-minute average flow to be 941 gpm or 2.1 cfs.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

A measurement was unattainable for the well in the NWSE due to air in the system. Ron Elsing of Elsing Drilling indicated that the depth to water for this well was 187 ft at time of drilling. A pump test was also recorded at the same time and indicates maximum capacity of the well at 9.5 cfs. The theoretical horse power equation calculates capacity of the well using 5 psi (open discharge system) to be 6.2 cfs.

Theoretical yield:

$$Q = \frac{8.8 \times (Hp) \times (Eff)}{H}$$

Where: Hp = 200 Hp

Eff = 70% (assumed)

H = depth to water 187 ft. + 2.31 x operating pressure 5 PSI

H = 187.0 feet + (2.31 x 5 psi) = 198.55

$$Q = \frac{8.8 \times (200.0) \times (0.70)}{198.55}$$

Q = 6.2 cfs

2.1 cfs + 6.2 cfs = 8.3 cfsRate exceeds permitted amount 4.0 cfs, therefore **recommend permitted rate of 4.0 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 595 \times 4 = 2380 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 4.0 \times 246 \times 1.9835 = 1951.8 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1951.8 \text{ AF}$$

2. Volume Calculations for Other Uses: **N/A****Recommended volume rate for irrigation is 1951.8 AF**

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 47-8238 was filed on May 8, 1990 to appropriate up to 4.0 cfs of groundwater for the irrigation of 595 acres on an existing farm. The permit lapsed on July 1, 1996 but was reinstated when Proof of Beneficial use was filed on July 22, 1996 with an advance priority of May 29, 1990. Note, the priority date was incorrect on the permit and has been updated to reflect actual advanced priority from reinstatement of permit. (see remarks.) Also original permit holder only filed proof on 3 cfs of water, an additional fee of \$25.00 was paid for the extra flow.

The permit was originally for one well but was amended to add a second well to allow for the development of additional flow. The current system consists of two wells that together can produce more than the permitted amount of 4.0 cfs. Recommend the permitted amount 4.0 cfs.

1996 aerial photography indicates that all 595 acres were irrigated at the time proof was filed. Volume was also limited by the flow of the permit and calculated by rate and irrigation days not the IDWR standard of 4 AF/acre. Recommended volume for irrigation 1951.8 AF. Note, the irrigation season was also changed to the standard 3/15 to 11/15 for this area.

Research of IDWR records indicate overlapping water right 47-8011A also diverts up to 1.48 cfs from at least one of these wells. In reality the irrigation portion of 47-8011A should reflect the two wells described on 47-8238 and the stock/commercial uses are diverted from two different wells. Recommend a condition limiting 47-8236 and 47-8011A to the combined rate of 5.48 cfs and a volume of 2285.0 AF.

The original application for permit included the following statement "Salmon River Canal Co. shares- not sufficient for all acres in any given year." Examination of 1987 aerial photography indicates the majority of the place of use was irrigated. It appears that this ground water right was developed as a supplemental source to SRCC water. Therefore it is recommended that appropriate supplemental conditions be included in the license.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	3/15 to 11/15	4.000 CFS	1951.8 AF
	<u>Totals:</u>	4.000 CFS	1951.8 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name

Jana Leeder

Date

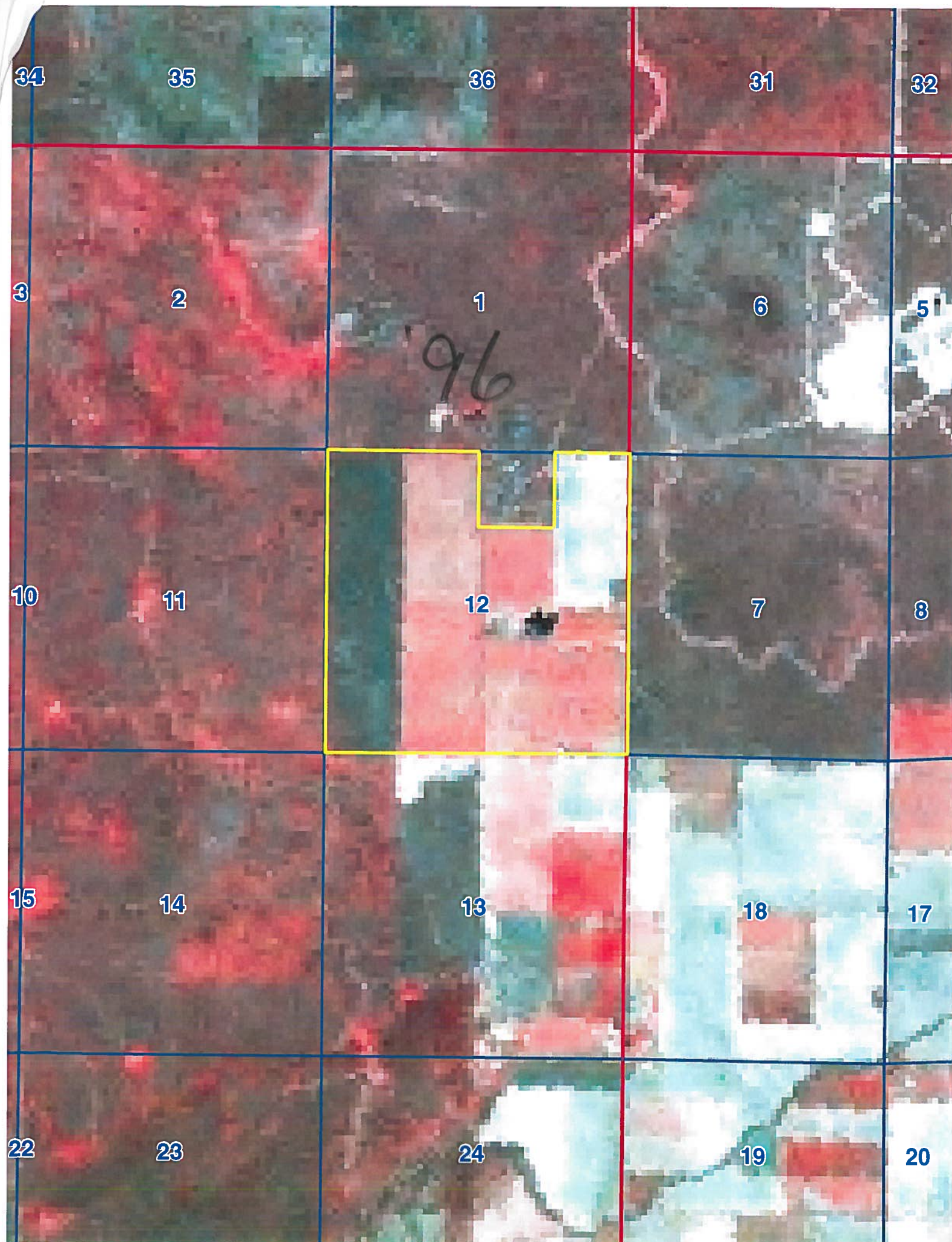
10/30/12

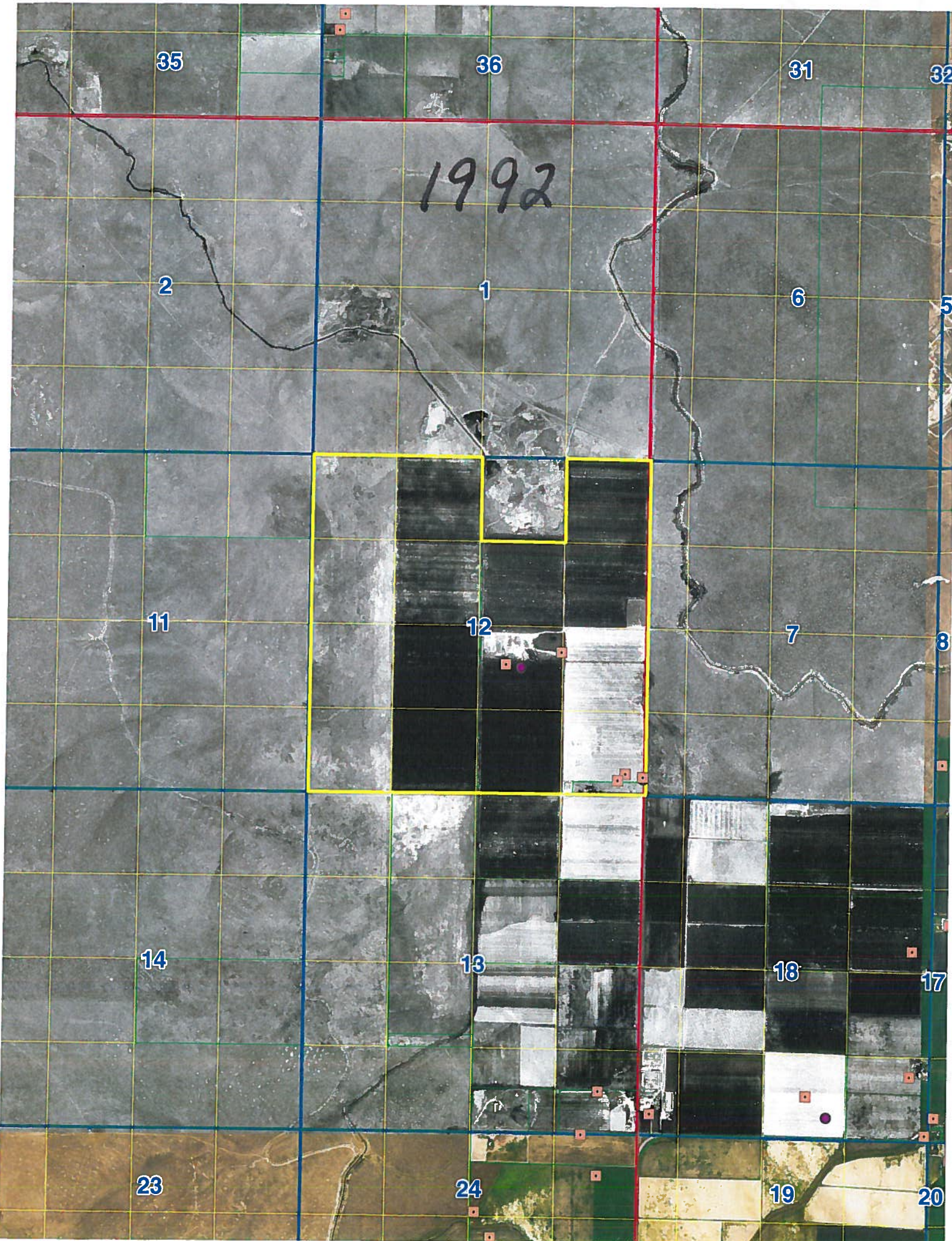
Reviewer

[Signature]

Date

10/30/12





Well #2

8/29/12

well log?

47-8238 (Reitsma)

pole # 12516E1221

no tag - put on tag A0017791 on pole

U.S. Motor

Verti-limp pump (no tag)

200hp

ID# C1513-01-867

Parameters

10.0 pipe diameter (PVC)

.128 thickness

8.56 spacing

- no signal - (pipe not full?)

meas.
loc. #1

(to open ditch)
pond

IPCD GE

46-536-954

Kh 1.2

demand 3.73

480 volts

Fuji

10.22 pipe diameter PVC

.225 thickness

8.88 spacing

- no signal - (pipe not full?)

meas.

loc. #2

(to lagoon?)

canal water will be
shut off 9/10

* est. about 850

Well #1

8/29/12

well log?

47-8238 (Reitoma)

Well in SESE of Sec. 12

pole # 12S16E1220

D0057144 tag

well - open discharge to ditch

Parameters

U.S. Motor

8.01 pipe diameter (CS)

150 hp

0.109 thickness (7.07 sp. in.)

ID# C2684-01-231

83-11494

(highest instantaneous = 960 gpm)

pump Verti-line 95-73699

aver = 950 gpm

11C HC

* (308-2590
Shawn Steppson John Reitoma
guessed 1000-1100 gpm)

[Dan meas = 1.78 cfs]

IPCO GE

12S16E1220

46 536 923

Kh 1.2

demand 3.32

480 volts

Well #1

SESESE

D0057144

10 min average 941.8 gpm (Parameters)

Well #2

Ron Elsing

Dump test 9.5 cfs

187' depth to water

200 HP

$$\frac{200 \times .7 \times 8.8}{187 + (5 \times 2.31)} = \frac{1232}{198.5} = 6.2 \text{ cfs}$$

Q =

Permit Limits to 4 cfs

47-8011A 1.40 Irrigation

Volume

$$* 4 \times \overset{246}{214} \times 1.9835 = \overset{1951.8 \text{ AF}}{1697.9 \text{ AF}} \leftarrow$$

$$595 \text{ acres} \times 4 \text{ AF/ac} = 2380 \text{ AF}$$

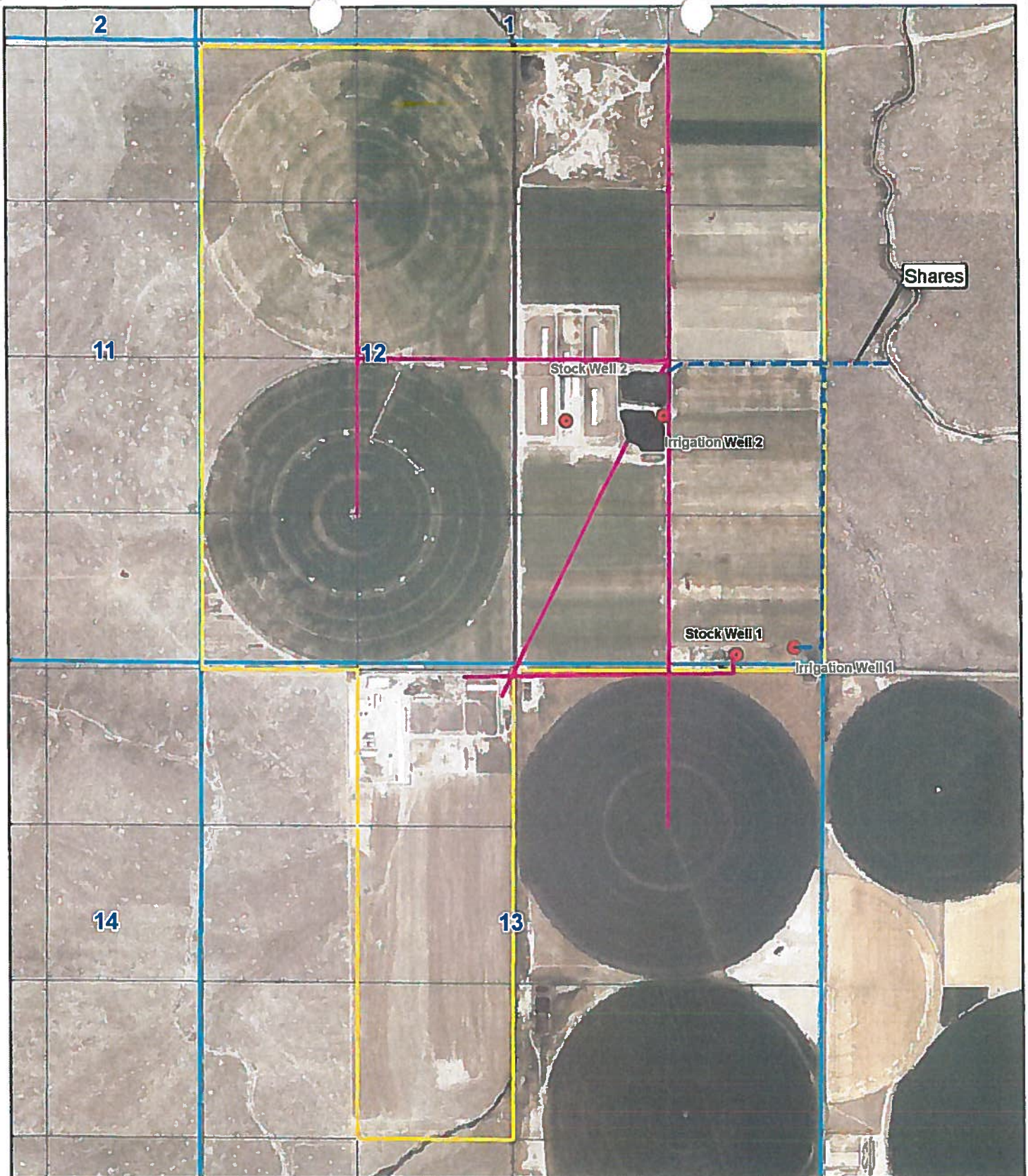
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Log Title Reistma
Start Time 8/29/2012 11:53
End Time 8/29/2012 12:04
Records 3
Interval 60
Error Flags 8208
Cyclic Flags 2

Item #	Label	Symbol	UnitType	Channel
0	Velocity	ft/s	578	0
1	Volume	gal/m	846	0
2	(+)Total	gal	1160	0

Date/Time	Velocity (ft/s)	Volume (gal/m)	(+)Total (gal)	Error #
8/29/2012 11:53:19	6.254445565	929.6020265	6559.371022	0
8/29/2012 11:54:21	6.292567801	935.2681576	7525.946086	0
8/29/2012 11:55:20	6.300131249	936.3923174	8466.969996	0
8/29/2012 11:56:19	6.409288271	952.6163916	9388.414204	0
8/29/2012 11:57:21	6.372099353	947.0889803	10313.42945	0
8/29/2012 11:58:19	6.342180452	942.6421158	11249.97066	0
8/29/2012 11:59:19	6.316077746	938.7624548	12216.33817	0
8/29/2012 12:00:19	6.232493547	926.3392848	13090.79306	0
8/29/2012 12:01:20	6.452537291	959.0445195	14113.49167	0
8/29/2012 12:02:20	6.294462056	935.5497018	14995.20881	0
8/29/2012 12:03:19	6.256459772	929.9013994	15977.1476	0

941.777658

941.8 gpm



1 inch equals 1,150 feet

JOHN REITSMA SYSTEM MAP NAIP 2009 AERIAL

Legend

- Open Ditch
- Pipeline
- Wells
- Sections
- Place of Use
- t12s16e

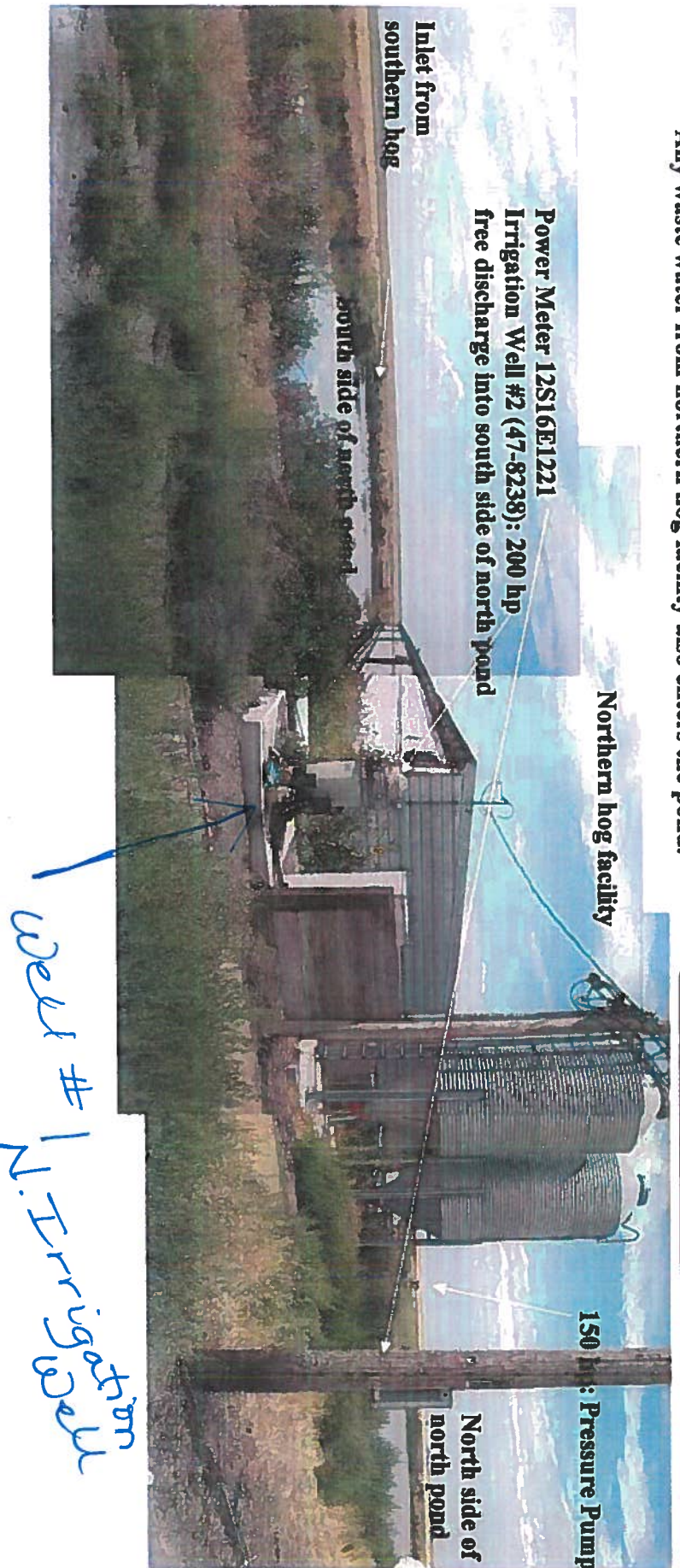
RECEIVED

OCT 31 2005

Department of Water Resources
Southern Region



Any waste water from northern hog facility also enters the pond.



Canal Shavers



Inlet from
SRCC

Inlet from Irrigation
Well #1

Pict # 3

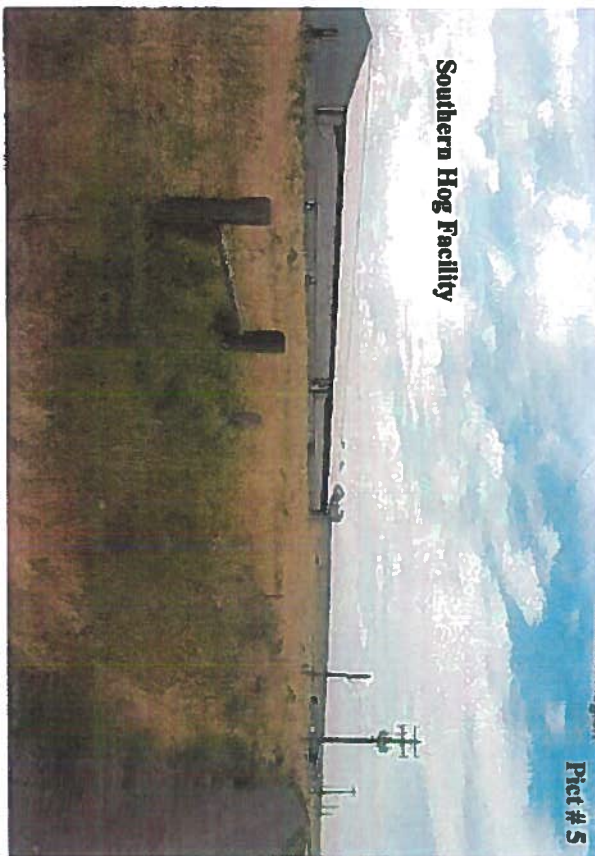


South Pond

Inlet from
Irrigation
Well #1
and SRCC

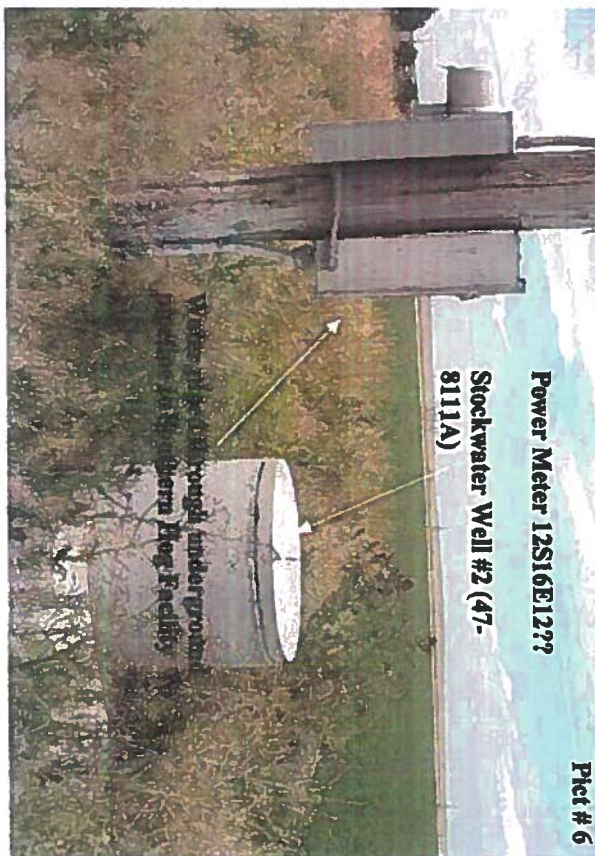
Power Meter
12S16E1310
Services Booster #3

Pict # 4



Southern Hog Facility

Pict # 5



Power Meter 12S16E12??

Stockwater Well #2 (47-811A)

Pict # 6

Water pipe through under ground
pipeline in the Southern Hog Facility

Department of Water Resources
Southern Region

OCT 31 2005

RECEIVED

RECEIVED

OCT 31 2005

Department of Water Resources
Southern Region

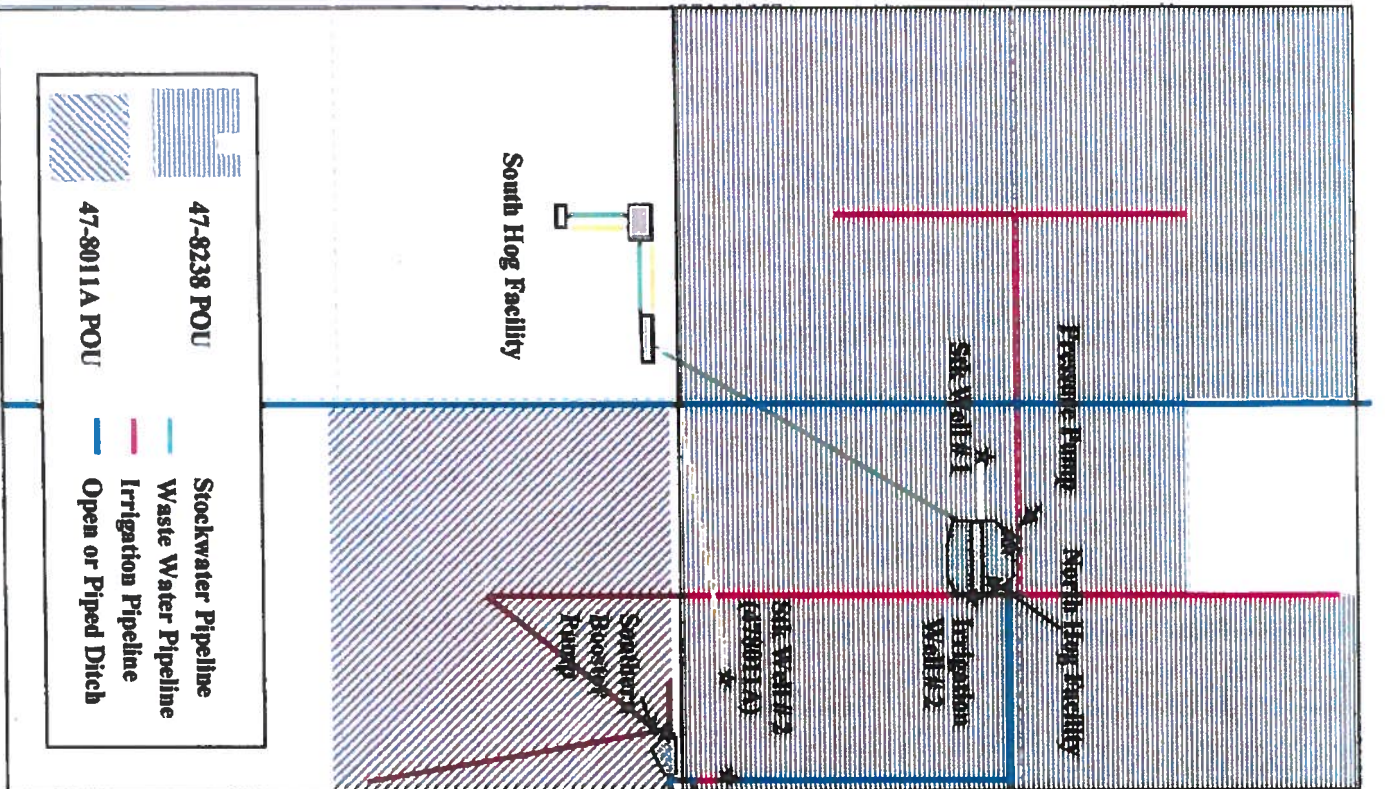
Well #1 (South Irrigation)

Pict # 1

Irrigation Well #1 (47-8111A & 47-8238) : 150 hp
free discharge into canal that goes to north pond or
free discharge into canal that goes into south pond via pipeline



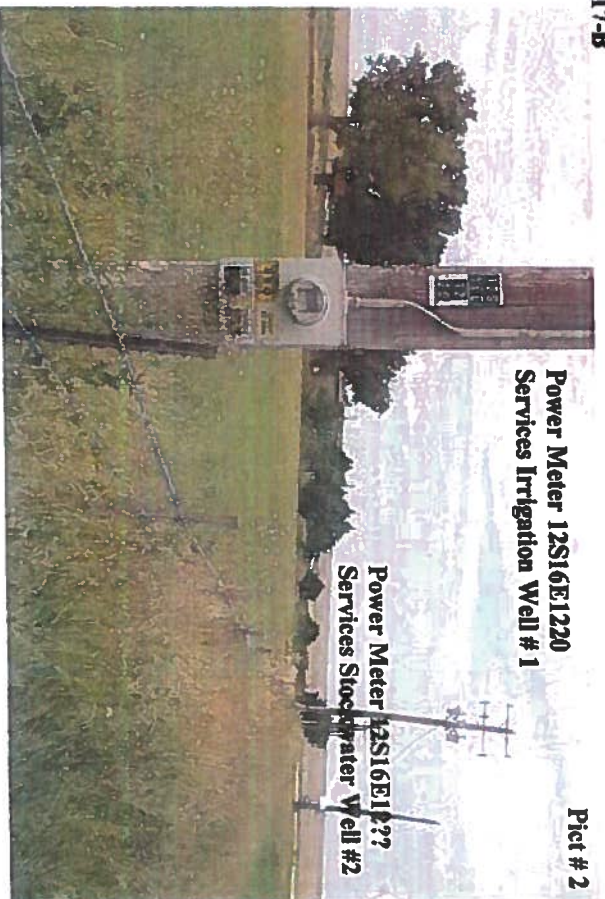
North Pond / Hog Facility



SRCC Water Headgate 17-C
Irrigation Well #1
47-8111A & 47-8238
SRCC Water Headgate 17-B

Pict # 2

Power Meter 12SI6E1220
Services Irrigation Well # 1



Power Meter 12SI6E1220
Services Stockwater Well #2

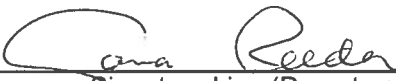
Idaho Department of Water Resources Receipt

Receipt ID: S032868

Payment Amount \$25.00 Date Received 10/24/2012 12:59 PM Region SOUTHERN
Payment Type Check Check Number 6699
Payer Nature's Harmony Organic Dairy, LLC
Comments Supplemental beneficial use fee for 47-8238 in the name of John Reitsma.

Fee Details

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$25.00	BENEFICIAL USE	64104	0229	21		1155


Signature Line (Department Representative)

Xtra
CFS
Proof

TO: FILE

DATE: 12-22-94

FROM: JIM STANTON

SUBJECT: DRILL PERMIT 47-94-S-0222-001

This permit was approved for deepening of an existing well in the hopes of finding more water. The well is permitted for irrigation under 47-08011A, for which proof of beneficial use has been filed. The owner stated that the well produces only about 100 gpm at its present depth. This is not enough to make the well usable for irrigation. A second permit, 47-08238, is good for another 18 months; an amendment has just been filed to add this second well as a point of diversion for irrigation in order to allow the development of additional flow. Rather than wait for the amendment to be approved, the owner wants to start drilling next week because a driller is available. I told him that an additional \$165. will be due if this well is used for irrigation. If insufficient water is found, this well will probably be used only for stockwater. Mark Slifka has OK'd this. I forgot to have the owner complete the exemption form needed for domestic wells over 6" casing diameter, so I hope this memo is sufficient.

BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE

STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 47-08238	)	
	)	
IN THE NAME OF LOUGHMILLER FARMS INC.	)	ORDER OF
	)	REINSTATEMENT

WHEREAS, the Department issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use (proof of beneficial use) be submitted on or before July 1, 1996; and,

WHEREAS, the Department notified the permit holder on April 30, 1996, by certified mail that proof was due and instructed the permit holder of the steps to be taken to submit the proof of beneficial use; and,

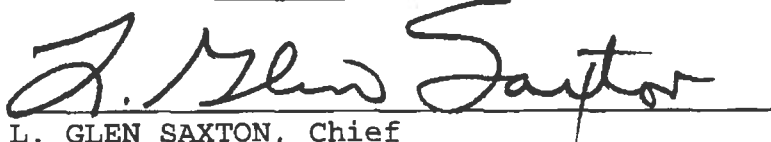
WHEREAS, the department sent the permit holder a lapse notice on July 15, 1996, since an acceptable proof of beneficial use or extension of time had not been received; and,

WHEREAS, Section 42-218a, Idaho Code, provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of the notice of lapsing; and,

WHEREAS, the permit holder has provided a reasonable showing why the permit should be reinstated by submitting an acceptable proof of beneficial use on July 22, 1996;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 47-08238 is **REINSTATED** with an advance in priority to May 29, 1990.

DATED this 25th day of October, 1996.



L. GLEN SAXTON, Chief
Water Allocation Bureau

MICROFILMED
NOV 24 1996

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Loughmiller Farms Inc.

Address 3170 Hwy.93 Twin Falls, ID 83301

Drilling Permit No. 47-92-S-036 ~ 001

Water Right Permit No. _____

2. NATURE OF WORK

☐ New well
☒ Deepened
☐ Replacement

☐ Well diameter increase

☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic
☐ Irrigation
☐ Test
☐ Municipal

☐ Industrial
☐ Stock
☐ Waste Disposal or Injection

☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary
☒ Air
☐ Hydraulic
☐ Reverse rotary

☐ Cable
☐ Dug
☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☐ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☐ Yes ☐ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth _____ Material used in seal: ☐ Cement grout
☐ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☐ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location

Subdivision No. APR 02 1992
Lot No. _____ Block No. _____
County Twin Falls
NW ¼ SE ¼ Sec. 12, T. 12 N ☐ S ☒ R. 16 E ☒ W ☐

7. WATER LEVEL

Static water level 187 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

023390

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	350	435	Gray lava		
	435	558	Red cinders & clay	x	
	558	650	Fractured red rhyolite	x	
	650	673	Hard red rhyolite		x
	673	726	Fractured red rhyolite	x	
	726	970	Brown rhyolite	x	
	970	1020	Black rhyolite		x

RECEIVED
MAR 11 1992
Department of Water Resources
Southern Region Office

10.

Work started 3-20-92 finished 3-25-92

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Elsing Drilling Firm No. 31
P.O. Box 919
Address Twin Falls, ID 83303 Date 3-26-92
Signed by (Firm Official) Arnold Elsing
and
(Operator) Robert Slone

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

well # 2
NWSE
well reports

10/19/12

9 1/2 cfs

Ron Elsing

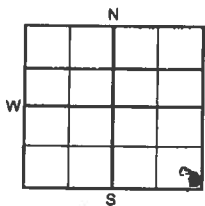
opened to 12"

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 49368Use Typewriter
or
Ball Point Pen1. DRILLING PERMIT NO. 7-94-S-0272-001
Other IDWR No. 0 208-733-5791

2. OWNER:

Name Loaght Miller Inc.
Address 3170 Hwy 93
City Twin Falls State Id Zip 83301

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.Twp. 12 North ☐ or South ☒
Rge. 16 East ☒ or West ☐
Sec. 12 SE 1/4 SE 1/4 SE 1/4
Gov't Lot _____ County Twin Falls

Address of Well Site _____

City _____

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other _____5. TYPE OF WORK Deepen☐ New Well ☒ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		

Was drive shoe used? Y ☒ N ☐Was drive shoe seal tested? Y ☒ N ☐ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

426 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: Steel plate

11. WELL TESTS:

☐ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
1200	480	510'	4 hr

Water Temp. -850 Bottom hole temp. -850

Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
12	270	276	BSI		
	276	281	Broken		
	281	344	Red Ash + Talc		
	344	429	BSI		
	429	509	Red + BSI Ash		
	509	518	BSI		
	518	522	Broken + Cinders		
	522	620	BSI		
	620	771	Rylite Hard		
	771	782	Broken + Tan Talc	X	
	782	811	Rylite very Hard		
	811	819	Broken + Talc	X	
	819	849	Rylite Hard		
	849	856	Broken lots of Talc	X	
	856	950	Rylite Hard		
	950	957	Broken + Talc loose Cinders	X	
	957	1018	Rylite Hard		
	1018	1026	Very Broken + Talc	X	
	1026	1030	Rylite very Hard		

RECEIVED NOTE: previous drill permit
47-92-S-0015-000 D.W.
APR 2 1995

Department of Water Resources

RECEIVED

MAR 02 1995

Department of Water Resources
Southern RegionCompleted Depth 1030 (Measurable)
Date: Started 2-8-93 Completed 2-24-95

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Eaton Drilling Firm No. 26Firm Official [Signature] Date 3-2-95

and _____

Supervisor or Operator [Signature] Date 3-1-94

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

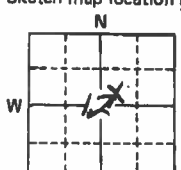
1. WELL OWNER Name <u>Bill Loughmiller</u> Address <u>Rt # 1 3170 Hwy 93</u> Drilling Permit No. <u>47-92-5-015</u> Water Right Permit No. <u>47-8238</u>	7. WATER LEVEL Static water level <u>104</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>cold</u> °F. Quality <u>good</u> Describe artesian or temperature zones below.																																																																																																																																																																						
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USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Bill Longmiller</u> Address <u>Twin Falls</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>126'</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																																																																					
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RECEIVED
DEC 3 1959

Department of Reclamation

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO

Log No. _____

Rec. _____, 19____

Well No. _____

Permit No. _____

(DO NOT FILL IN)

Owner: W. A. Laughmiller Address: S. of Twin Falls
 Driller: R. J. M. Shuman Address: Kimberly Lic. No. 21
 Location of Well: _____ 1/4 _____ 1/4 Sec. 12, T. 12, R. 16 E, Twin Falls County,
 and _____ feet N/S, and _____ feet E/W from _____ Corner of _____ 1/4 _____ 1/4 Sec. _____
 Size of Drilled Hole 14" Total depth of Well 420
 Give depth of standing water from surface 102' Water Temp. _____ °Fahrenheit
 On pumping test delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.
 Size of pump and motor used to make the test _____
 Length of time pumped during check was _____ hr., _____ minutes.
 If flowing well, give flow in c.f.s. _____ or g.p.m. _____ and shut in pressure _____
 If flowing well, describe control works _____
 (TYPE AND SIZE OF VALVE, ETC.)
 Water will be used for _____ Weight of casing per linear foot _____
 Thickness of casing _____ Casing material _____
 E.G., PIPE, CONCRETE, WOOD.
 Diameter, length and location of casing none
 (CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
 CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
 Number and size of perforations _____ located _____ feet to _____ feet
 from surface of ground.
 Other perforations _____
 Date of commencement of well _____ Date of completion of well _____
 Type of well rig 150 Keystone

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" -- SEALS, GROUTING, ETC.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

no waterS. 12 125 16 E

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Performed Ans. Yes or No
			Hrs.	Min.		
0	5	top soil				
5	15	gravel				
15	20	soil				
20	25	gravel				
25	30	soil				
30	35	gravel				
35	48	soil				
48	58	black cinders				
58	78	hard blk basalt				
78	85	red cinders + talc. (some water)				
85	95	hard grey lava rock				
95	155	hard blk basalt				
155	165	red lava rock				
165	180	grey lava rock				
180	190	red cinder rock				
190	195	brown clay				
195	210	red lava - water talc. & crystal				
210	230	grey lava rock				

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed R. T. McClure

By

License No.

Dated 19

SHEET NO. 2

Well Driller *R. T. & C. C. Cline*

Well Location 12-8-168

WELL LOG

[illegible]

S. 12 125 16 E

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