

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 63-11726

Exam Date: 1/30/2012

1. Current Owner: WELTON STANLEY  
25770 LANSING LN  
MIDDLETON ID 83644-5327  
(208)585-9375
2. Accompanied by: WELTON STANLEY  
Phone No:  
Address:  
Relationship to Permit Holder: Permit holder

**3. SOURCE****TRIBUTARY**

GROUND WATER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Pioneer irrigation dist water
2. Other water rights with the same point of diversion: None

**C. DIVERSION AND DELIVERY SYSTEM**

The well is open discharge into a cement ditch system at the well location in the northeast corner of the POU. Water then flows south in the ditch to eventually tie into 2 gated pipe systems located at the northeast corner of a farmstead. One pipe system runs west ≈ 250 ft and then turns south along the western boundary of the farmstead to the southwest corner of that farmstead. The second pipe system continues south from the end of cement ditch and ends at the southeast corner of the found POU. That pipeline supplies water to the ground south of the farmstead and to Ten Mile Creek. All of the POU is downhill from the east to the west or Ten Mile Creek.

**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

SE1/4NE1/4

Sec. 1, Twp 03N, Rge 02W, B.M.

CANYON County

Method of Determination: GPS and a field visit.

2.

**PLACE OF USE:** IRRIGATION

| Twp | Rge | Sec | NE |    |     |      | NW |    |    |    | SW |    |    |    | SE   |     |    |    |        |
|-----|-----|-----|----|----|-----|------|----|----|----|----|----|----|----|----|------|-----|----|----|--------|
|     |     |     | NE | NW | SW  | SE   | NE | NW | SW | SE | NE | NW | SW | SE | NE   | NW  | SW | SE | Totals |
| 03N | 02W | 1   |    |    | 4.0 | 19.0 |    |    |    |    |    |    |    |    | 15.0 | 1.0 |    |    | 39.0   |

Total Acres: 39

Method of Determination: A field visit and ARC Map

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> |
|----------------------------------|-------------------|-----------|-------------------------|------------------|------------------------------------------|
| Submersible                      | unk               | 20        | unk                     | unk              |                                          |

\*Code to correspond with No. on map and aerial photo

**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> |
|------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
|                              |             |             |                  |                   |             |                    |

2. Measurements: Theoretical calculation only.

$$\frac{(20) \text{ Hp} \times 8.8 \times 0.7}{(10) \text{ PSI} \times 2.31 + 20 \text{ ft}} = \frac{1.86}{2.86 \text{ cfs}} \text{ cfs}$$

Static level fm well log = 8 ft  
Dynamic level est at = 20 ft  
Open discharge system = 10 Psi

*1.86 cfs was based on 20 PSI & 20 ft KKC*

|                              |                               |
|------------------------------|-------------------------------|
| Permit rate                  | = 1.92 cfs                    |
| Proof paid \$125.00          | = 2.00 cfs max                |
| Found acres 39 * 0.02 cfs/ac | = 0.78 cfs * RECOMMENDED RATE |

**E. FLOW CALCULATIONS**

\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 39 \text{ ac} \times 4.5 \text{ afa} = 175.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.78 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 379.9 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 175.5 \text{ af}$$

2. Volume Calculations for Other Uses:

**G. NARRATIVE/REMARKS/COMMENTS**

Per the permit holder, the ground west of Ten Mile Creek does not receive water from the well. The well is open discharge into the canal water ditch system located at the northeast corner of the POU. Water flows south in a cement lined ditch where it can then be diverted into gated pipe. One line runs west for approximately 250 ft and then turns south along the western boundary of the farmstead to the south west corner of the farmstead. The second line continues south from the end of the ditch to the end of the irrigated POU, being the southeast corner of the irrigated ground. All irrigation water from the ditch and/or gated pipe flows east to west stopping at Ten Mile Creek.

The portion of the found POU located within the SE¼ is no longer owned by Welton Stanley. Tax lot information indicates that Sundance Investments LLC. However, Welton thought that the property may now be owned by a bank or be heading into foreclosure. A letter to Sundance was mailed 1-30-2012 identifying the ownership issue.

Each of the forty acre tracts on the west side of the POU are less than 5 acres each however, based upon department standards in the NW¼SE¼ the found 0.4 ac was rounded to 1 acre and in the SW¼NE¼ the found 4.1 ac were rounded to 4 acres.

Have conditions of permit approval been met? \_\_\_\_ Yes \_\_\_\_ ☒ No

No measurement device has been installed. The pipe from the pump discharges directly into the delivery ditch where water is then applied to the field via siphon tubes.

**H. RECOMMENDATIONS****1. Recommended Amounts**

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| IRRIGATION            | 03/15 to 11/15       | 0.780 CFS             | 175.50 AF            |
|                       | <u>Totals:</u>       | 0.780 CFS             | 175.50 AF            |

**2. Recommended Amendments**

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

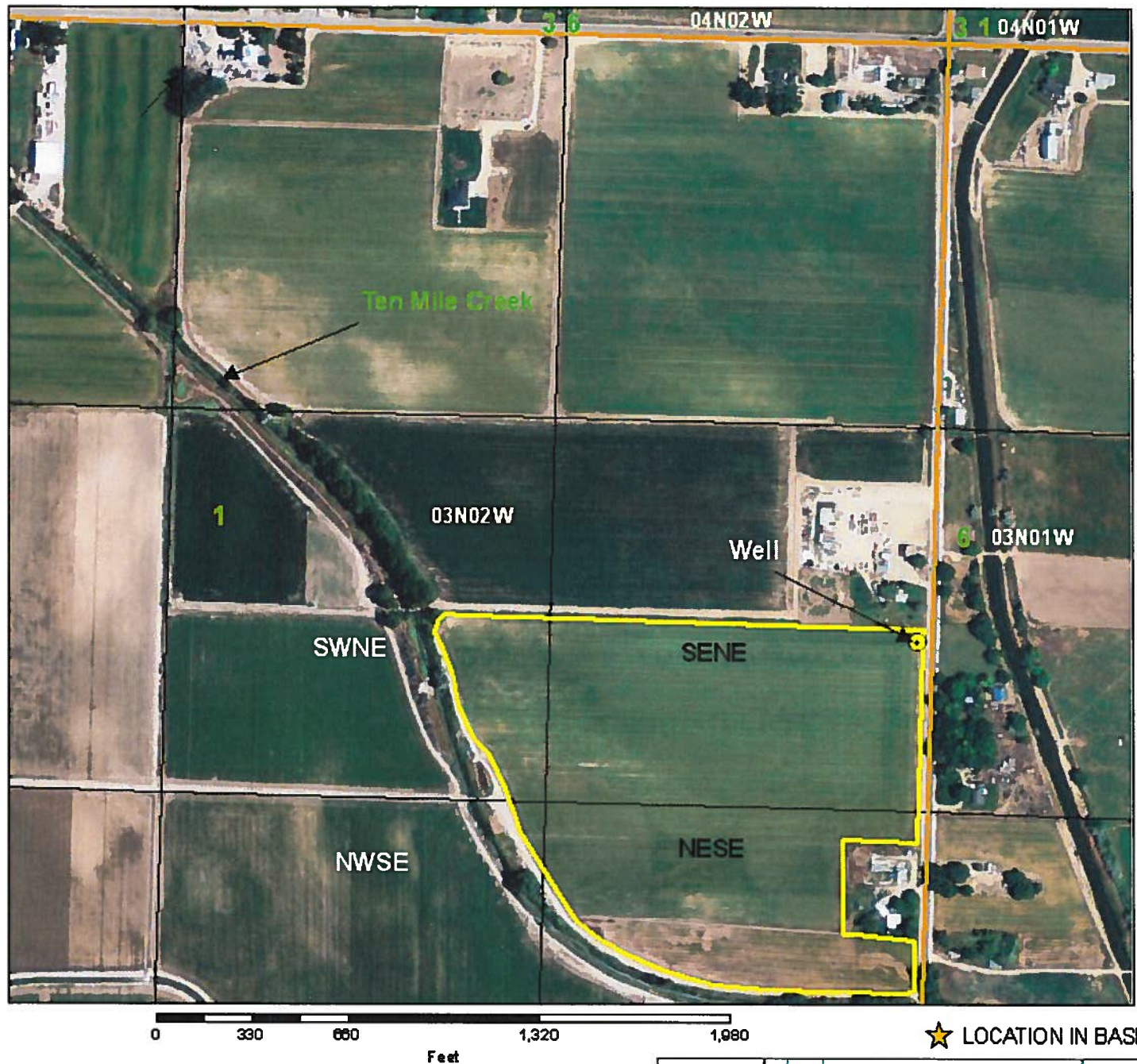
☐ Change P.U. as reflected above    ☐ Add P.U. as reflected above    ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name Kelly K. Christensen Date 2-3-2012

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

Utah Department of Water Resources  
**63-11726 FIELD EXAMINATION**

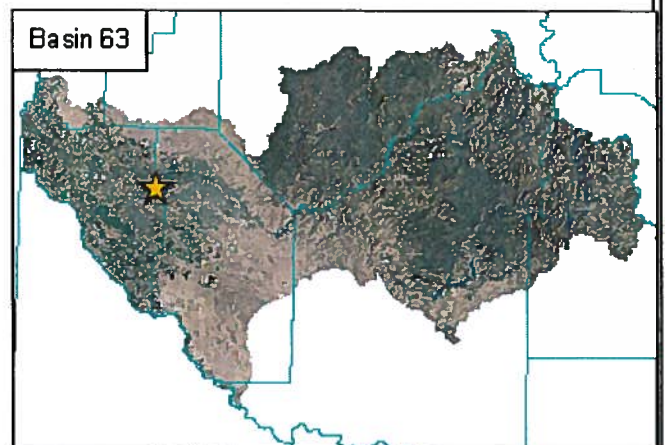


PLACE OF USE  
TWP 03N, RNG 02W Sec 1  
Data Entry on February 3, 2012



- Found point of diversion
- Found place of use
- Township lines
- Section lines
- Quarter/quarter lines

**GIS PLACE OF USE PRESENTATION**  
**2011 AERIAL PHOTOGRAPHY**  
**BY KELLY K CHRISTENSEN**



Permit # 63-11726

Exam date 1-30-2012

Agent KKC

## FIELD EXAM PHOTOS

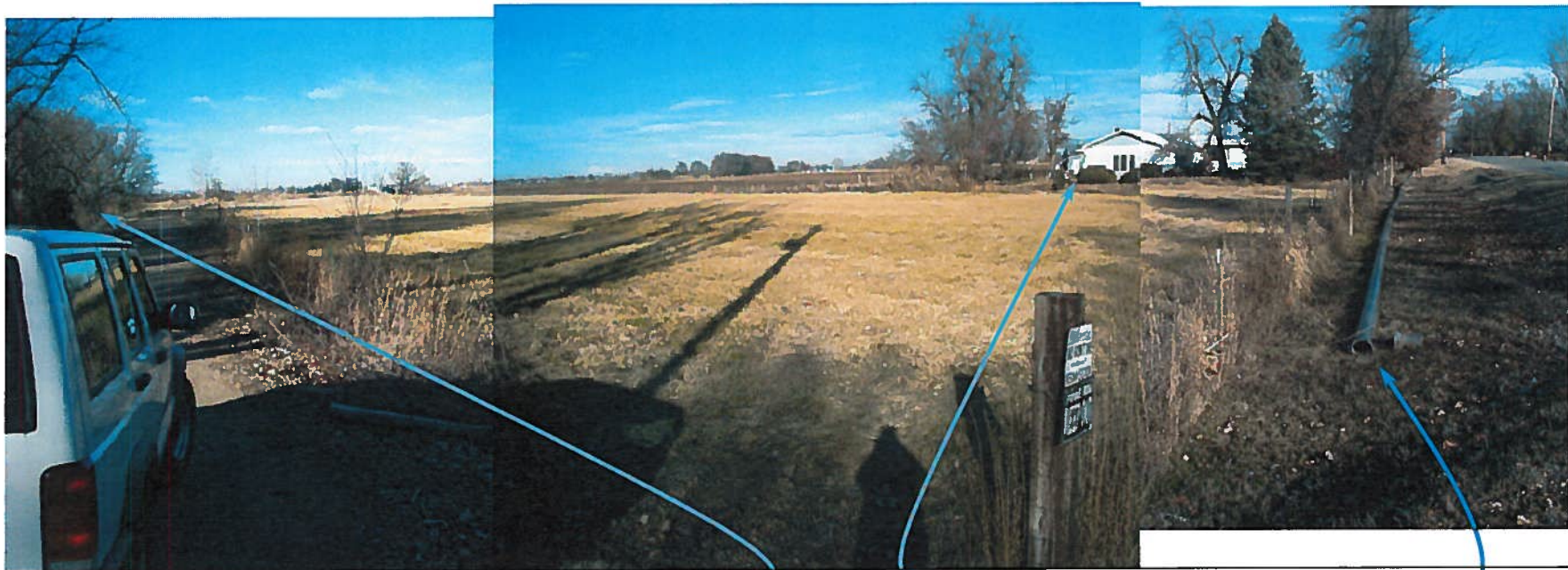
|     |     |     |    |
|-----|-----|-----|----|
| Twp | Rng | Sec | QQ |
| 3N  | 02W | 1   |    |

Farmstead



Can-Ada Rd

You are looking south on the left to west on the right. The photo location is at the northeast corner of the POU currently owned by Welton Stanley. Irrigation flow is from the east to the west in the field and north to the south in the ditch system. The cement ditch ends at the far farmstead and is tied into gated pipe. One line continues south paralleling the Can-Ada Rd and the other log legs around the farmstead on the north and then turning south.



Tenmile Creek is just out of the picture frame on the left. That creek forms the southern and eventually western boundaries for the irrigated POU.

Farmstead as shown in previous photo set  
End of gated pipe/ ditch system

You are looking west on the left to north on the right. The photo location is at the southeast corner of the POU currently owned by Sundance Investments LLC. Irrigation flow is from the east to the west in the field and north to the south in the gated pipe.

Permit # 63-11726

Exam date Jan 30, 2012

Agent KKC

Stanley Welton Owner

## FIELD EXAM MAP

Aerial photo date 2011

Twp Rng Sec QQ

3N 02W 1

Sundance Investments Owner

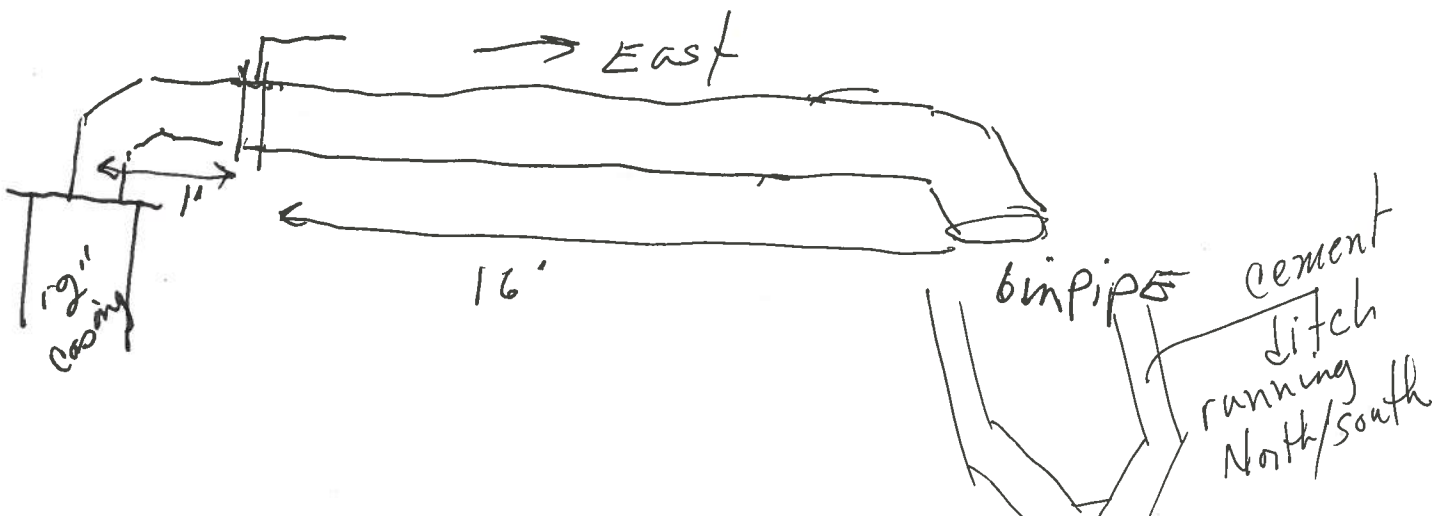
Phyllis's Canal



Ten-mile Cr

GPS 2297241  
#6 138397  
2297671  
1382539  
± 4'

1/2 mi 3pm  
to Cherry Ln Can Add Rd  
134 mi 2-mi  
to Garrity  
Exit.  
10" Gated Pipe



## Christensen, Kelly

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**Subject:** 63-11726 Stanley - M - Permit 3N2W  
**Start Date:** Thursday, September 08, 2011  
**Due Date:** Tuesday, July 03, 2012

**Status:** In Progress  
**Percent Complete:** 75%

**Total Work:** 0 hours  
**Actual Work:** 0 hours

**Owner:** Christensen, Kelly

**Categories:** Exam Set, KKC

1-30-2012 @ 10:00 am exam set. Meet at well site. Confirm with Stanley before going out at 585-9375.

1-26-2012 Received a call from Stanley. Well has a submersible pump with open discharge into farm ditch running north and south. Irrigation is from the ditch to the west and stops at 10 mile creek. It does not cross the creek.

The POU includes the ground owned by Sundance Investments. Stanley believes that a bank now owns the property.

1-10-12 Letter sent for additional info. {possible split} Stanley confirmed that the tax lot info is the correct address. Not the one shown on the permit.

# FIELD EXAM CONVERSATION MEMO GW SYSTEM

PERMIT # 63-11726 STAFF KKC DATE 1-26-12

OWNER OR REP PHONE #? (Proof of Beneficial use ownership vs: Tax lot ownership in ArcMap)

APPOINTMENT DATE/TIME/PLACE Jan 30 @ 10:00 AM. meet at well call  
Stanley, Welton before going out 585-9375  
~~25770 Lansing Ln~~  
~~Middleton, WI~~  
~~83644 out of date~~  
~~466-810~~ →

ANY APPARENT DISCREPANCIES BETWEEN PERMIT AND CURRENTLY AVAILABLE INFO?

(E.G. POU and/or POD mismatch when viewing ArcMap)

owner

|                             |                               |                                       |
|-----------------------------|-------------------------------|---------------------------------------|
| Sec 1 SE NW, S 1/2 E 1/2 NE | Sec 1 N 1/2 NE SE, 2 ac NW SE | } Property may now be held by a bank. |
| Stanley Welton              | Sundance Investments          |                                       |
| POU ≈ 6.2 ac                | 3405 E Overland Rd Ste 150    |                                       |
|                             | Meridian Idol 83642           |                                       |
| P/D on Welton Prop.         | POU ≈ 15 ac                   |                                       |

## SYSTEM INFO

|                                |                      |                                               |
|--------------------------------|----------------------|-----------------------------------------------|
| Ground Water System            |                      |                                               |
| Static pumping level           | <u>6 to 8 ft</u>     | Application method <u>FLOOD</u>               |
| Dynamic pumping level          | <u>20' per Proof</u> | Pump Curve available                          |
| Approx HP                      | <u>20 HP " "</u>     | approx type/number sprinklers used <u>N/A</u> |
| Approx Operating PSI           | <u>10 PSI open</u>   | Measurement device type                       |
| Delivery system specifications | <u>discharge</u>     | Well Log found <u>yes</u>                     |

1-26-12 phone call No in west  
of 10 mile Cr. also includes  
Sundance property.

$$\frac{(20) \text{ Hp} \times 8.8 \times 0.7}{(10) \text{ PSI} \times 2.31 + 20 \text{ ft}} = 1.86 \text{ cfs}$$
 Permit Rate = 1.92  
 Proof Pd (\$ 125) (max cfs) = 2.00 max  
 Found POU acres 39 \* 0.02 cfs/ac = 0.78 cfs ★

(W5)

MORATORIUM WELL FIELD CHECK

Application No. 63-11726

Date 7-24-96

Power Meter No. 90-182-268

1. Is well in use? ☒ NO (go to #2)  
☐ YES (go to #3)

2. Is power on? ☐ NO  
☒ YES

12" well

per: ☒ Visual check  
☐ Idaho Power

3. Authorized water right no(s). from this P/D?

COMMENTS

Dan Tomich  
Inspector - Title

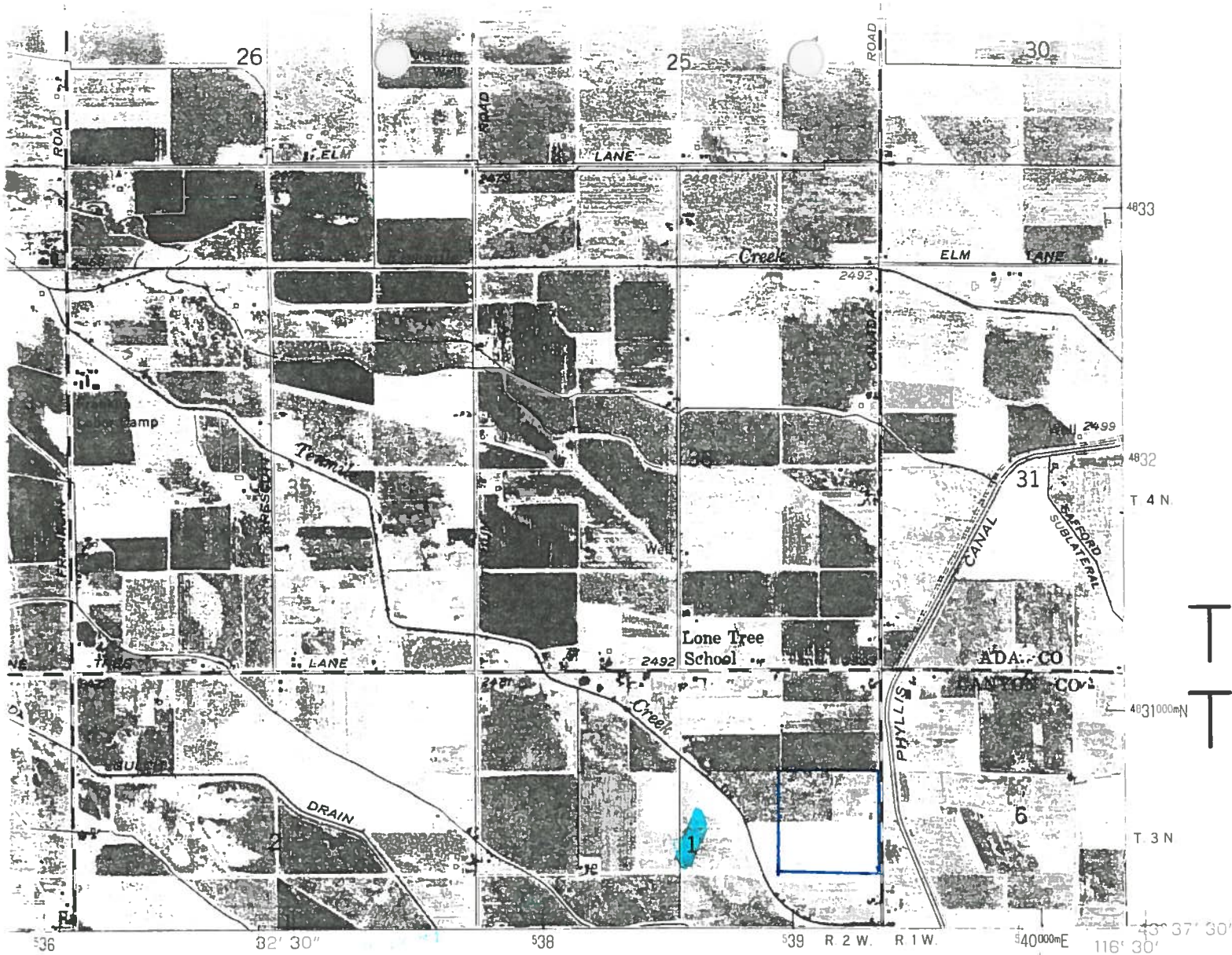
7-24-96  
Date

Location T3N R2W S1 SENE

Photograph No. 3, Ball 1

Pump Date \_\_\_\_\_

Motor Date \_\_\_\_\_



SENE  
T3N R2W S1 (W5)  
Welton Stanley

Be Obtained  
Boise Idaho



MIDDLETON, IDAHO  
N4337.5—W11630/7.5

1981

STANDARDS  
PARK, CALIF. 94025

MIDDLETON, ID 7821-08

Mora Lounin Well Field check  
63-11726 7-24-96

