

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 65-139181. Owner Billye McBride Trust C/O US BankPhone No. 208-383-7233Current address PO Box 7928 Boise, ID 83707-19282. Examiner's name Steve LesterEXAM DATE 9/19/20033. Accompanied by Mr. McBride

Email _____

Address C/O General Delivery Lake Fork, ID 83635Relationship to permit holder son of BillyePhone No. unknown4. Source Ground Watertributary to N/A**B. OVERLAP REVIEW**1. Other water rights with the same place of use none2. Other water rights with the same source and point of diversion none**C. DIVERSION AND DELIVERY SYSTEM**

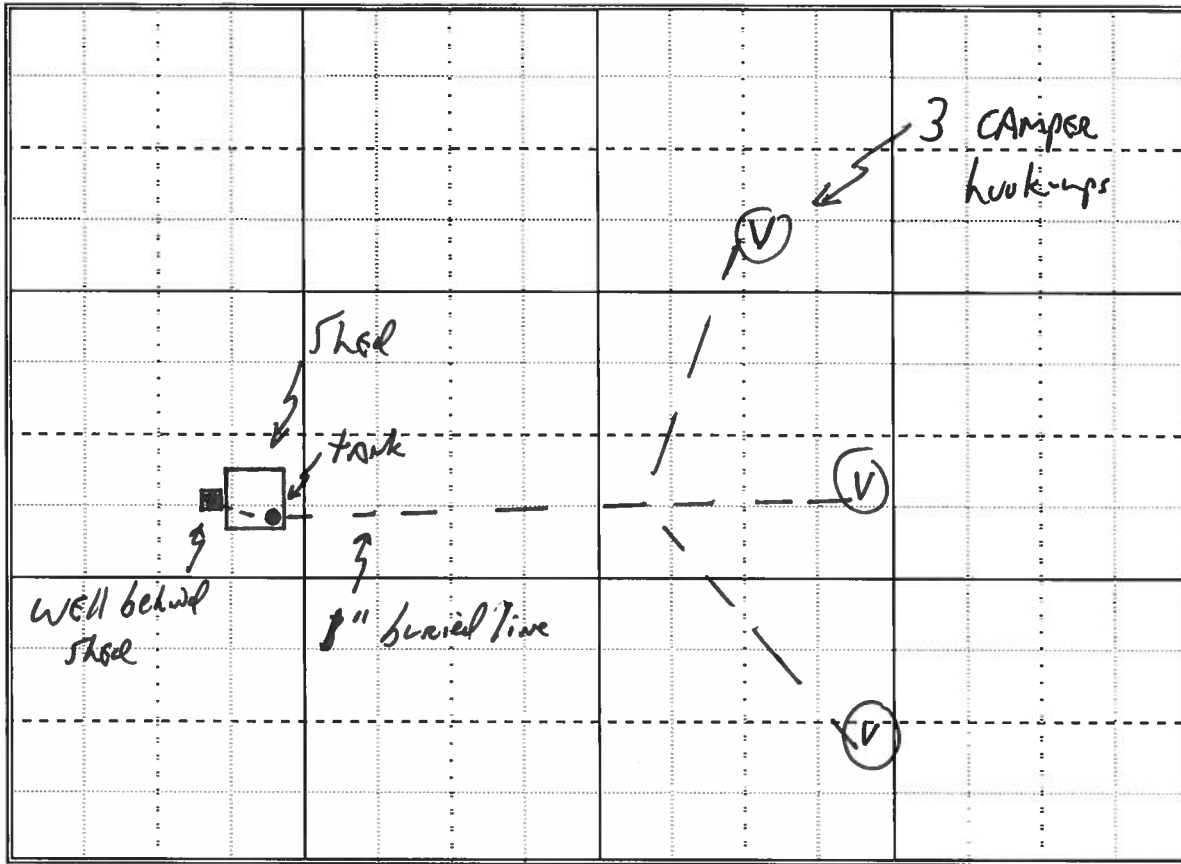
1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
	10		SE	SE	1	17N	2E	VALLEY	USGS TOPO

2. Place(s) of Use: Method of determination SAME

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
17N	2E	1																D	
																		L10	

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.



Scale: 1" = N/A

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	1/2	2801054915	same	1 inch mainline
			(MODEL #)		

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: _____

NONE POSSIBLE

E. NARRATIVE/REMARKS/COMMENTS

SEE ATTACHED NARRATIVE

SEE ATTACHED ESTIMATED PIPE FLOW SHEET

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

See NARRATIVE specs for HP EQUATION: $(8.8 \times 0.7 \times 0.5) / [(2.31 \times 40) + 50] = 0.022 \text{ cfs}$ 1" pipe where $Q = VA$, see attached sheet = 0.03 cfsALLOW 0.03 CFS**G. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

N/A $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

Volume N/A for minor internal domestic use under single ownership, 42-111(1)(a)

H. RECOMMENDATIONS**1. Recommended Amounts**

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
DOMESTIC	1/1	12/31	0.03	N/A
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			0.03	_____

2. Recommended Amendments

- ☐ Change P.D. as reflected on page 1 ☐ Add P.D. as reflected on page 1 ☒ None
☐ Change P.U. as reflected on page 1 ☐ Add P.U. as reflected on page 1 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature



Date 9/10/2012

SEAL

Reviewer _____

Date _____

65-13918 EXAM NARRATIVE

Proof of b.u. contact Sandra Newman called 3/12/2001 to ask about an exam. I returned the call 6/20/2001 to discuss an appointment. Informed that US Bank had reorganized and Sandra no longer there, was referred to Dawn Williamson or Greg Aas at 208-383-7200. Called that number & left message.

Karen Thomas from Spokane US Bank office returned my call (800-231-4888) that same day. Said no Boise staff available for this situation & that she would get file information & call again. She called again considerably later (9/17/2003!) & confirmed this information:

- permit address in Boise still valid
- 10", 110' well with 62' static
- 2 out-buildings on site (no water to those), 2 septs, 2 or 3 RV hookups
- okay to do drop-by exam anytime.

I visited the site 9/19/2003 and found Mr. McBride there, son of Billye McBride. Said his address is C/O General Delivery, Lake Fork ID 83635.

He said has 4", 102' well drilled by Gestrin about 1979. Casing buried under insulation & dirt in wood box at rear of shed (photo #1). Includes 1" line to pressure tank (photo #2), then line buried to 3 valve hookups for campers. Found 1 camper present in exam (photo #3). Observed 2 other hookups on site.

No POD or POU overlap except invalid 65-19668: 1959 domestic & irrigation well for 25 acres, disallowed in SRBA since not claimed in prior Payette Adjudication.

Well logs in general area show average static levels around 50 ft. Also show average pump tests during drilling about 0.04 cfs.

For HP equation, assume: static level @ 50', domestic psi @ 40. Yields about 0.02 cfs.

1" diameter mainline for pump system is assumed to handle about 0.03 cfs (properly designed system with assumed 5 ft/s velocity).

Allow 0.03 cfs for this system. This is the limiting factor for recommended flow rate.

License should be mailed to permit address of record with copy sent to current tax lot address for the property owner - address on ArcMap screen copy.

No well log found. Most likely this is a pre-1987 well where drilling permits n/a – assume condition 046 is n/a.

Use condition X01 for internal use, 3 camper sites.

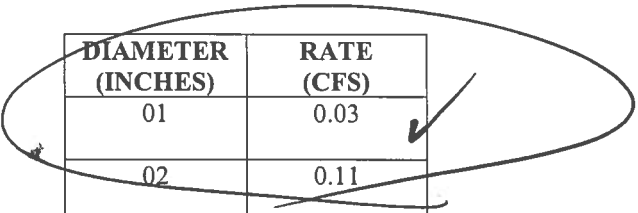
EXPECTED FLOWS FOR PIPE DIAMETERS

This is for rough estimate for **pump & closed pipeline** system.

Use to double check other measurements/estimates.

Assumes optimum design.

$$Q = VA \quad \text{where: } V = 5 \text{ ft/sec} \quad A = \pi r^2 \quad (\text{radius in ft.})$$



DIAMETER (INCHES)	RATE (CFS)
01	0.03
02	0.11
03	0.25
04	0.44
06	0.98
08	1.74
10	2.73
12	3.93
14	5.34
16	6.98
18	8.83
20	10.90
22	13.19
24	15.70
36	35.34
48	62.83

65-13918

65-13918 POU : POU



WEST LAKE FUNK RD.
to site
to NISULA RD. is
 Hwy 55 →

N. Fk. PAYETTE RIVER

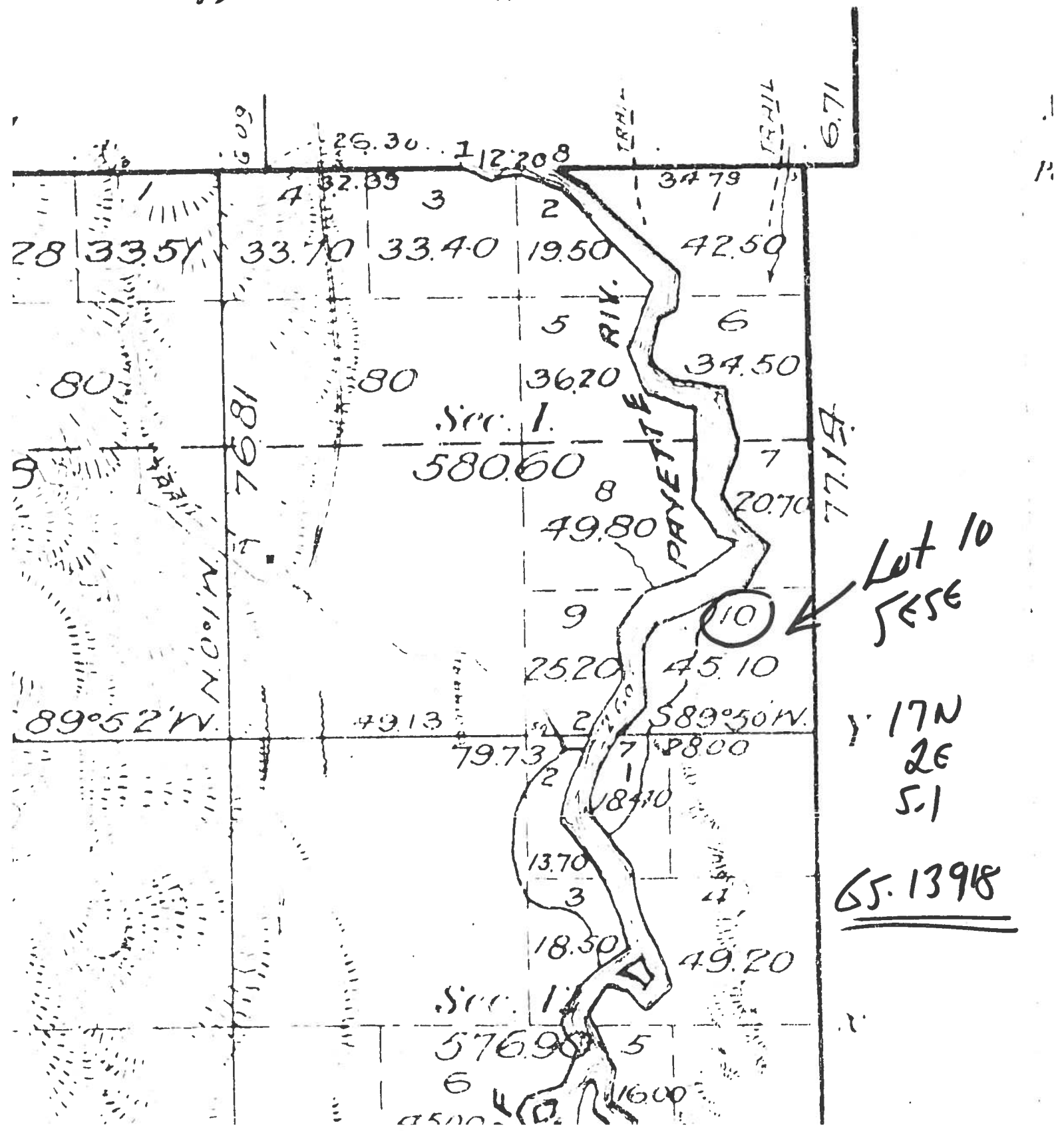
• 17N 2E 5.1 T556 Gov Lot 10
• current tax lot owner/address shown
- 82 9/10/2012

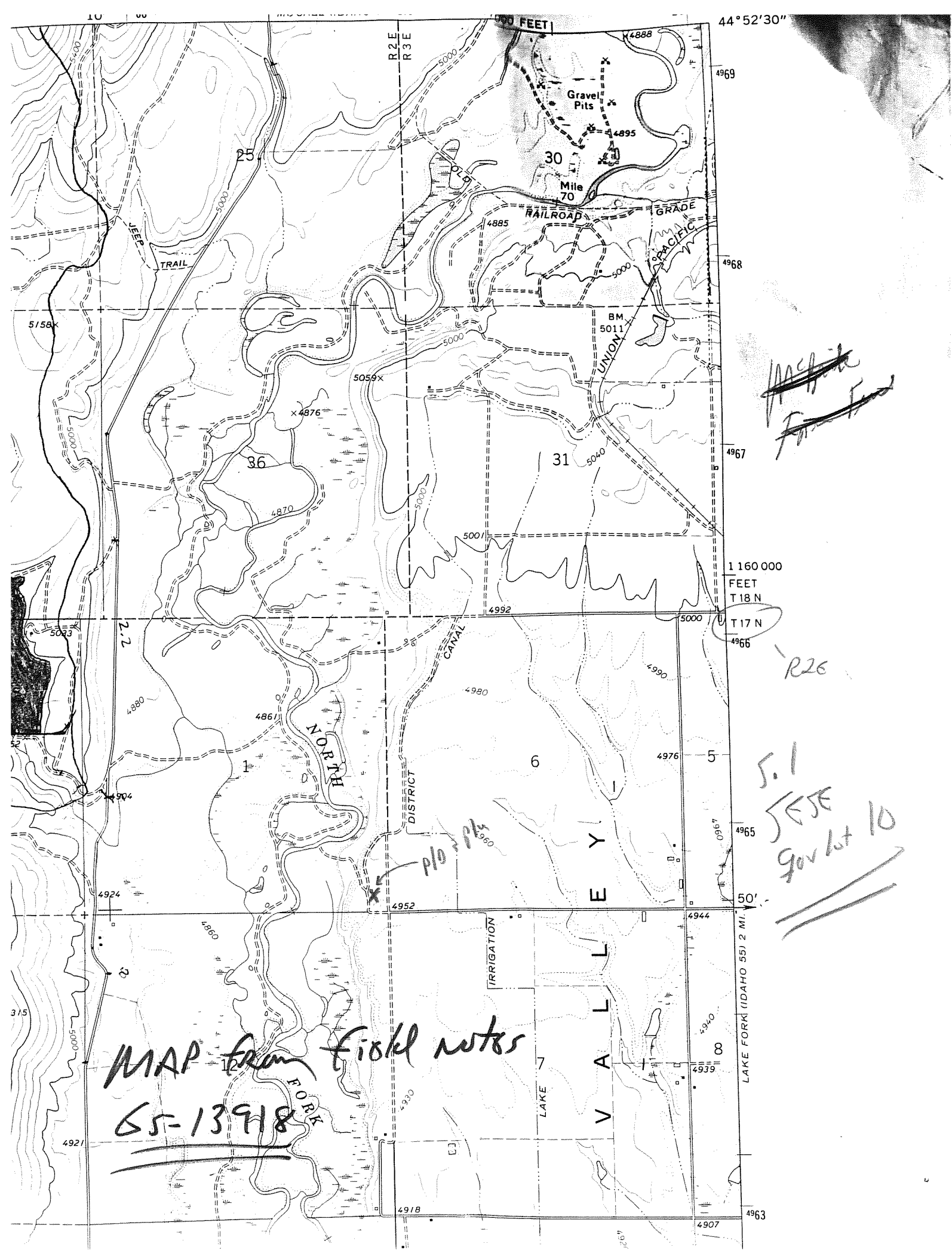
Meridian, Idaho.

B

a

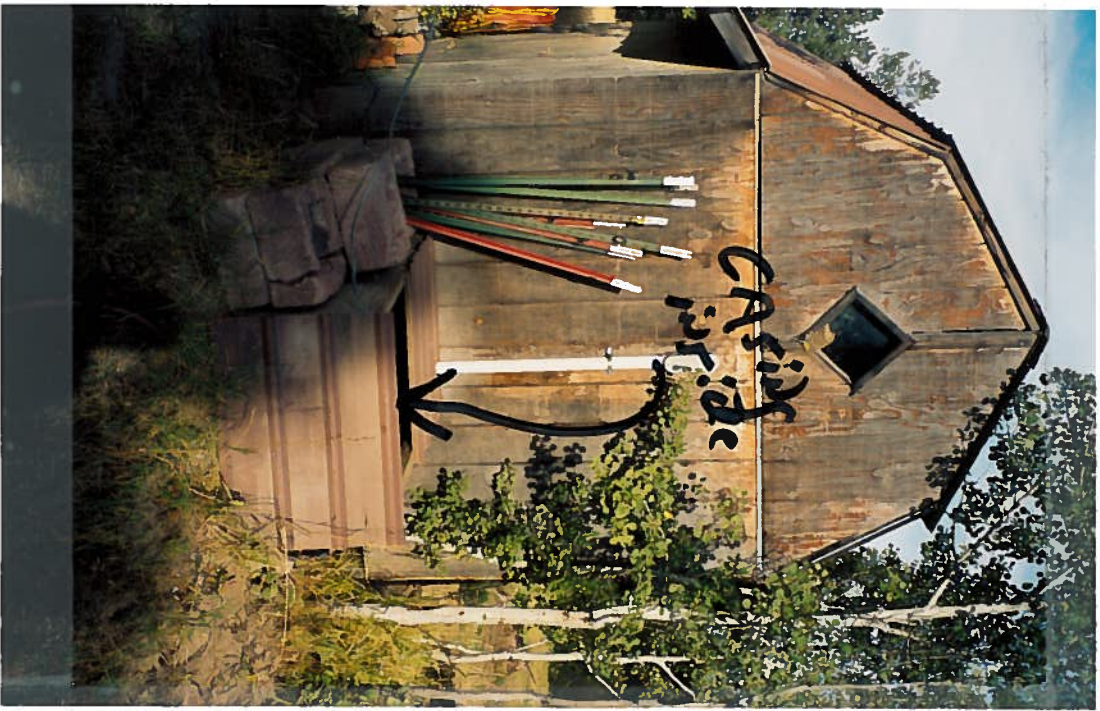
A





65-13918

photos 9/19/2003 -82



① Shed with enclosure for well casing - PCD -



② inside shed showing power & pressure tank

65.13918

photo

9/19/2003

SL



(3) Pm - 1 of 3 camper spots
occupied

(pool shed e left of photo)