

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW of FIELD REPORT

A. GENERAL INFORMATIONPermit No: 67-7875

Exam Date: 04/19/13

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? Y X N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other Beneficial Use Field Report Conducted by M. Minicucci 08/17/1998

2. Current Owner: Name: Art Fairchild
 Owner of Record Correct? Y X N
 Address of Record Correct? Y X N
 If No: Address

TREE TOP RANCHES L P
 PO BOX 8126
 Boise, ID 83707

3. Beneficial Use Fees have been paid: Y N Receipt No: C033174

4. **SOURCE** **TRIBUTARY**

Groundwater

Method of Determination: Field Exam

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
67-7005	Ground Water	Irrigation	Decreed

Comments: 67-10612 A Domestic and Stockwater Right. Per Field Report, 67-7875 for additional flow. Supplemental to 67-7005.

2. Other water rights with the same point of diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
67-7005	Ground Water	Irrigation	Decreed

Comments: 67-10612 A Domestic and Stockwater Right. Field Exam specified no domestic use from POD. Per Field Report, 67-7875 for additional flow. Supplemental to 67-7005.

C. DIVERSION AND DELIVERY SYSTEM

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SW	SW	29	14N	03W	B.M.	Washington
								B.M.	
								B.M.	

Method of Determination: Field Exam. Only one POD found. 1992 Well Driller Report Well ID 288930, Permit ID 738974

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Total
			NE	N W	S W	SE	NE	N W	S W	SE	NE	N W	S W	SE	NE	N W	S W	SE	
14N	03W	19				40					40		40	40	40	40	40	40	320
		Lot #																	
Total Acres =																			320

Method of Determination: Field Report & GIS Imagery

Change in POU? Y X N Amendment Required? Y X N X_ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X_ Aerial Photo Attached (required for irrigation of 10+ acres). X_ 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
	General Electric	125	BGJ210110	unknown	

*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

2. Measurements: No Measurements Taken During Field Exam. See D. Nelson Memo 06/06/13.

E. FLOW CALCULATIONS X_ Additional Computation Sheets Attached

Measured Method:

0.02 cfs = 1 inch per acre (IDWR standard) 320 acres(0.02 cfs) = 6.4 cfs at 1 inch per acre

Per IDWR standard: Assume pump efficiency = 0.7 (70%) and PSI = 60 psi for large irrigation. Lift estimated from static levels of well from Well Drillers Report. Static Lift = 6.0 ft.

$$Q = (8.8 \times \text{HP} \times \text{EFF}) / (\text{Lift} + (\text{PSI} \times 2.31)) = (8.8 \times 125 \times 0.7) / ((6 + 10) + (60 \times 2.31)) = 770 / 154.6 = 5.0 \text{ cfs}$$

Per Field Exam – Pump Curve at 2.0 cfs - capacity of system

Measurement = **2.0 cfs**Permit allowed = **6.40 cfs**License recommend for **1.62 cfs**. Because system capacity is 2.0 cfs and 0.38 cfs currently authorized under 67-7005. 2.0-0.38 = 1.62

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 320 \times 4 = 1280$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.62 \times 231 \times 1.9835 = 742$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 742$$

2. Volume Calculations for Other Uses:

G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Field Exam and Irrigated field visible on GIS Imagery.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

- Season of Use adjusted to meet current standards.

- No indication in field exam that abandoned domestic well is within 500 ft of irrigation well. - See C. Saxton Memo dated 06/05/13.

- Protest Condition – There is a letter on file dated 11/08/93 regarding agreement between Mallory and Fairchild.- See C. Saxton Memo dated 06/05/13.

- Combined use limits with 67-7005 – See C. Saxton Memo dated 06/05/13.

Have conditions of permit approval been met? ☒ X Yes ☐ No**I. 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 10/31	1.62 CFS	742 AF
<u>Totals:</u>		1.62 CFS	742 AF

2. Recommended Amendments

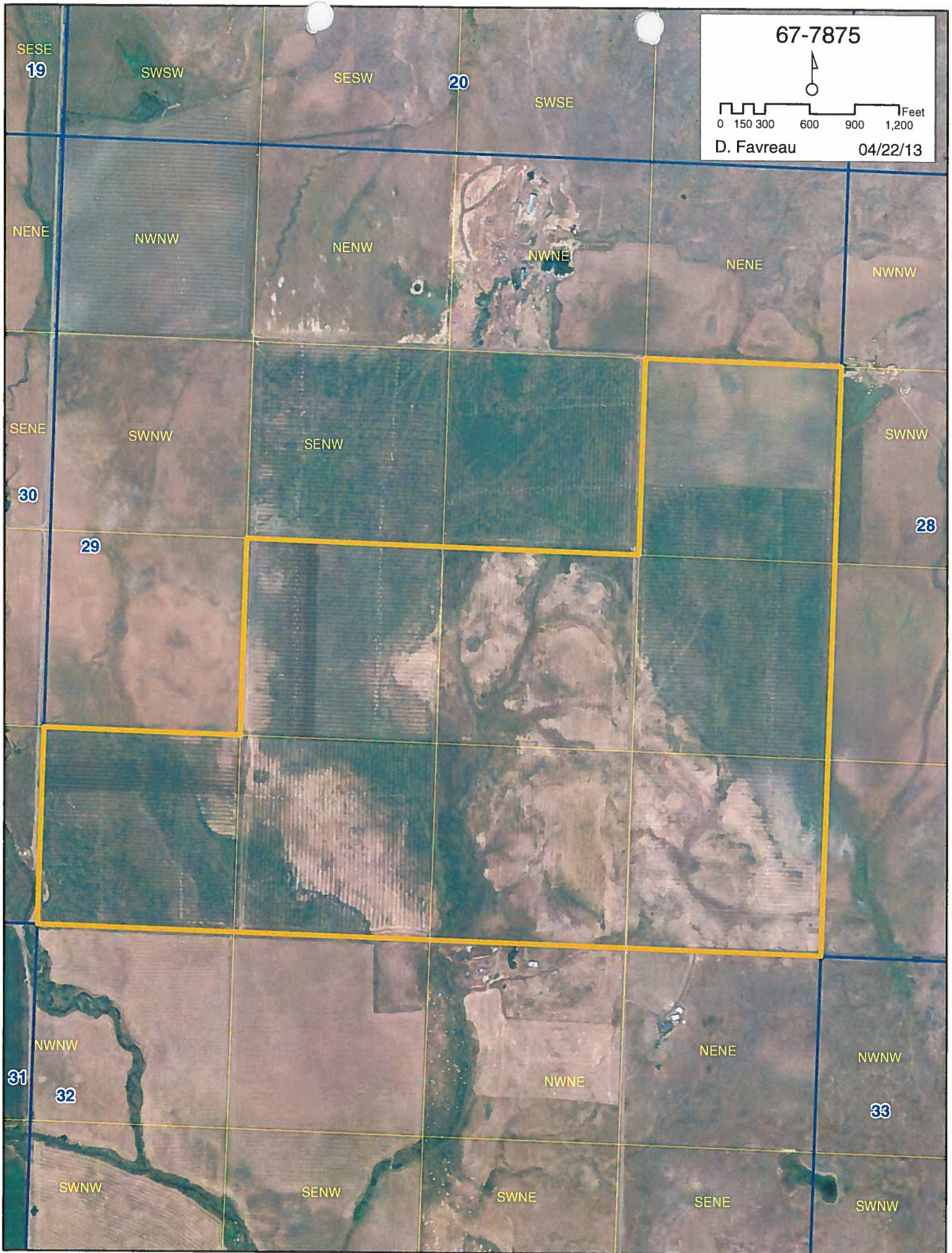
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ X None☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ X None

Other: < >

J. AUTHENTICATIONField Examiner's Name Carrie Farmer Date 06/10/13

Reviewer _____ Date _____

SWNW



MEMORANDUM

TO: 67-7875

FROM: Daniel Nelson – Staff Hydrologist

DATE: June 6, 2013

SUBJECT: Recommended flow measurement

I have been asked to review the flow measurement recommended in the field exam report for water right file 67-7875. The field exam used a pump curve that showed a Total Dynamic Head (TDH) of approximately 55 feet with a flow rate of 900 gpm for a 125 Hp well.

In reviewing the well log, a pump test was done that showed a draw down ranging from 150 to 190 feet. Therefore, the TDH shown on the pump curve doesn't seem reasonable. This system supplies several wheel lines, and the minimum pressure required to maintain a mainline is 45 psi or 104 ft of head. The topographical map shows that the end of the mainline is approximately 67 feet higher in elevation than the pump, so an additional 29 psi would be needed. Therefore, the minimum TDH on this pump would be 321 ft.

The pump curve shows that this pump has 7 stages. This information made me wonder if the pump curve lift was based on a per stage basis. At 55 feet TDH per stage, the 7 stage pump would supply 900 gpm with approximately 385 feet of TDH. This is very close to the 321 minimum TDH I calculated using the well log, topographical maps and estimated system pressure. If we subtract the maximum draw down of 190 feet from the well log and the 67 feet from the topographical map from the 385 TDH from the pump curve, the remaining balance would be 128 feet of head against the pump or 55 psi. Most irrigation systems run between 40 and 60 psi, so an average psi of 55 seems reasonable.

CONCLUSION:

In reviewing the information supplied, I would have no problem recommending the 900 gpm or 2.00 cfs from this well. I would rather have had a measurement of the system or sprinkler information to confirm the flow rate, but with information available, I feel this flow rate is reasonable. The attached theoretical calculation confirms that at 385 TDH the flow rate would be 2.00 cfs.

GROUNDWATER THEORETICAL ANALYSIS

FILE: 67-7875

DATE: 6-6-2013

BY: Dan Nelson

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (\text{HP}) \times (\text{EFF.}))}{\text{TDH}}$

Q = CFS

HP = Total Brake Horsepower of pumping plant (including booster)

Eff. = Pumping plant efficiency (assume 70% or 0.70)

TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]

LIFT = Depth to water in FEET from land surface to pumping water level

PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$(8.8) \times (125) \times (0.70) = 770$
Q = _____ = 2.00 CFS (897.6 gpm)

$[(190 \text{ LIFT}) + (55 \text{ psi} \times 2.31)] + 67 \text{ FT} = 385 \text{ FT TDH}$
TO END OF MAINLINE

LIFT FROM:

Measurement ()

Owner ()

Area estimate ()

Well Logs (X)

Booster (Y) (N)

PSI FROM:

Measurement ()

Owner ()

Estimate (X)

Owner Gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

REMARKS:

LIFT was calculated from well log.

Pressure was estimated from pump curve data.

An additional 67 Feet was added due to the elevation change from the pump to the end of the system.

Memo

Date: 6-5-13
To: Danielle Favreau
From: Craig Saxton
RE: Permit 67-7875

I thought I would type up my comments to your questions so you would be able to read them.

Overlap Review:

I think your overlap analysis is right on target and the only overlap we need to recognize is that with 67-7005. You will need to add combine use limits to this right to address acreage overlap.

You will not need to identify combined use limits for rate or volume since we will just recommend the difference.

Conditioning:

- **X35** is the condition you want to use.

Rights ~~67-7005 and 67-7875~~ when combined shall not exceed a total diversion rate of ~~<1.00>~~ cfs, a total annual maximum diversion volume of ~~<480.0>~~ af at the field headgate, and the irrigation of 320 acres.

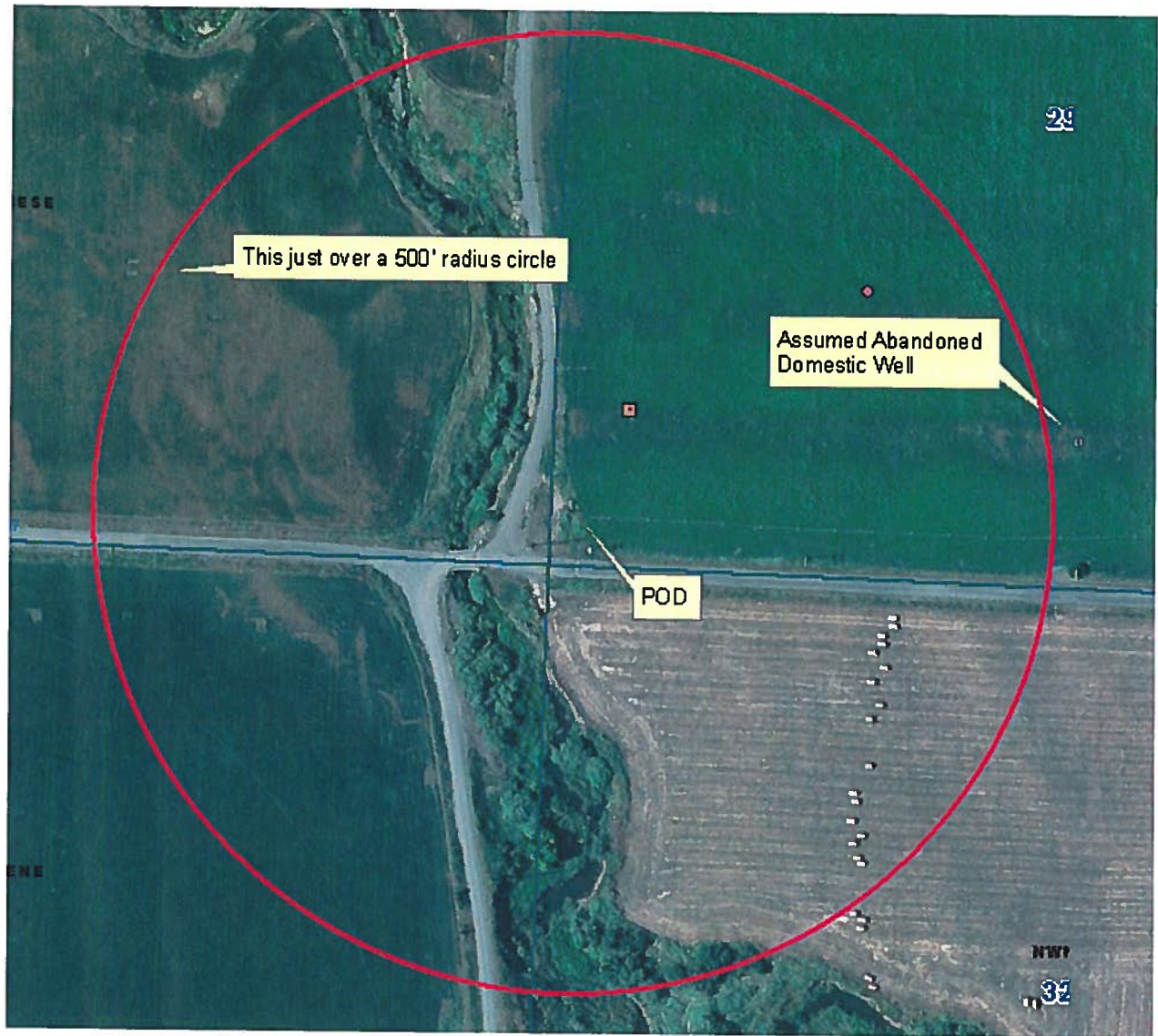
- You indicated you had a question of meeting condition 46A. This appears to be related to the other issue you pointed out which was that the amendment of this permit was protested in 1993. The protestant argued that the proposed well would be within 750 feet of his domestic wells. The condition requiring 500 from the nearest well was added when the amendment was granted, presumable to satisfy the protestants concern.

The question then becomes, did they meet the condition. I am not sure where the protestants well is but I drew a circle with a 500' radius and I don't see any domestic homes within that area. And the "abandoned" domestic well is outside of the circle too...assuming I guessed the right location. In addition, we could consider the approval of the drilling permit as the Departments approval and therefore meets this requirement.

Condition 46A says:

A well drilled pursuant to this permit must be located at least 500 feet from any existing well. Well spacing closer than 500 feet must be approved by the Department of Water Resources. "

This is an inactive condition that appears to have been met with available evidence. I would drop condition 46A at licensing.



- **Condition 01G** can be dropped at licensing since we can now measure with a polysonic. I updated the Usage Description so there will be guidance next time.
- **Diversion Rate:**

I would like Dan to look over the diversion rate question. I am not sure what to make of the pump curve.

Combined use limit review:

Basin	Sequence	Process	Basis	Priority Date	Diversion Rate	SOU	SOU - Day's	Total Acres	Acre Limit	Volume	Volume by Rate (rate * # days * 1.9835)	Volume by Acreage (4.0 * acreage)	Source List	Water Use List
67	7005	Water Right	Decreed	11/17/1967	0.380	4/1 - 10/31	214	320.0	320.0	161.0	161.3	1,280.0	GROUND W	IRRIGATION
67	7875	Water Right	License	10/10/1991	1.620	3/15 - 10/31	231	320.0		742.0	742.3	1,280.0	GROUND W	IRRIGATION
Totals =					2.000			320.0		903.0	903.6	1,280.0		
Limits =					n/a			320.0		n/a				

Annual Volume is limited by diversion rate

Sum of diversion rates for both rights don't exceed 1" per acre - no diversion rate limit

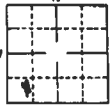
Sum of diversion volumes allowable for 320 acres doesn't exceed authorized diversion volume for both rights - no diversion vol limit

Capacity of the Well is 2.0 cfs

3.43

OCT 22 1992 WELL DRILLER'S REPORT

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

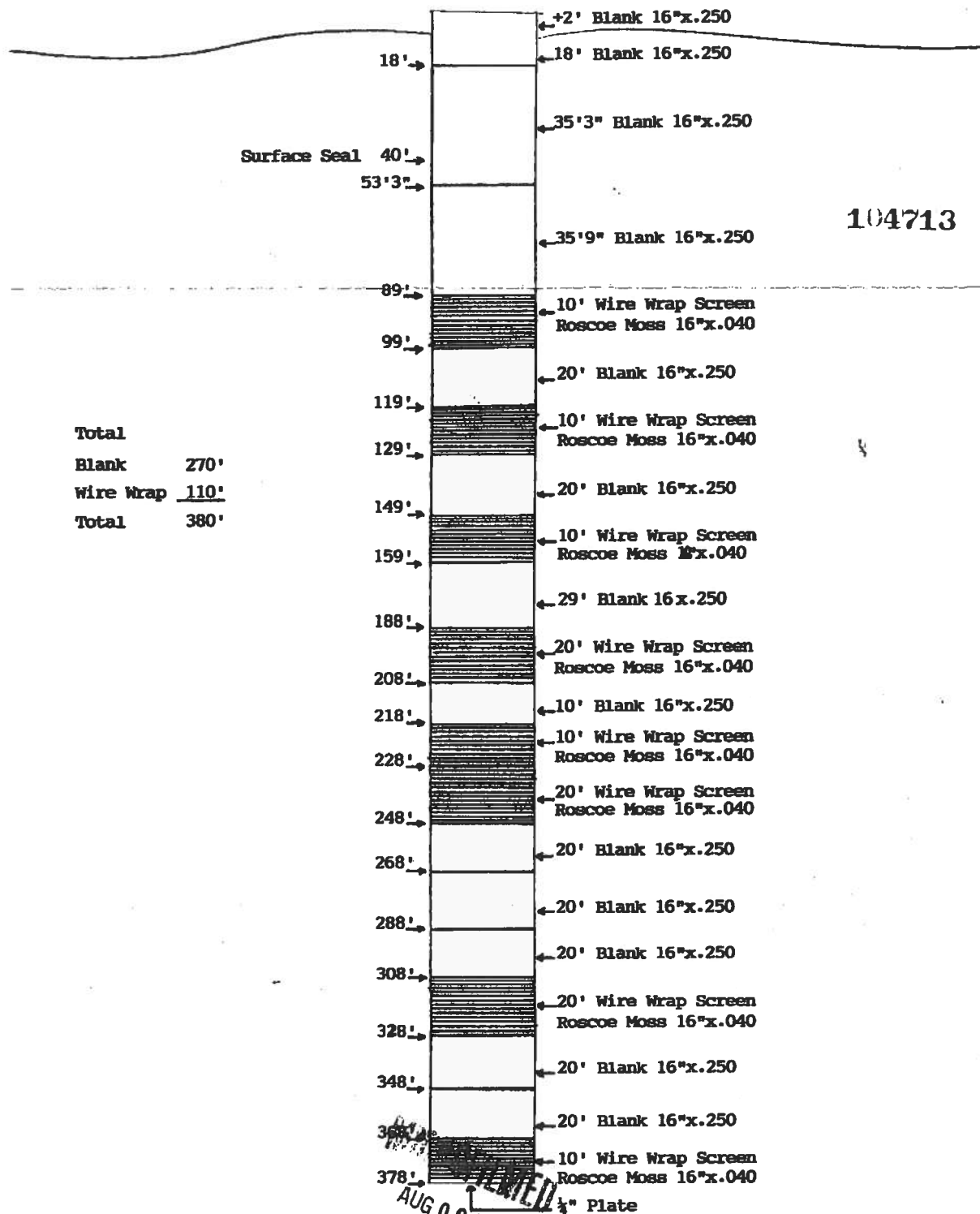
1. WELL OWNER Name <u>Arthur Fairchild</u> Address <u>Rt1 Box 87 Midvale, ID 83645</u> Drilling Permit No. <u>67-W-92-010</u> Water Right Permit No. <u>67-07875</u>		7. WATER LEVEL Static water level <u>6</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																																																																																																																																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Modification ☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)		8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>840</td><td>150</td><td>9hrs 18 min</td></tr><tr><td>1000</td><td>183</td><td></td></tr><tr><td>1480</td><td>190</td><td></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	840	150	9hrs 18 min	1000	183		1480	190																																																																																																																																																																																															
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3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Monitor ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <u>104712</u> <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>28"</td><td>0</td><td>6</td><td>Top soil</td><td></td><td>X</td></tr><tr><td>28"</td><td>6</td><td>15</td><td>Pea gravel</td><td></td><td>X</td></tr><tr><td>"</td><td>15</td><td>20</td><td>Black clay, rocks</td><td></td><td>X</td></tr><tr><td>"</td><td>20</td><td>42</td><td>Black clay</td><td></td><td>X</td></tr><tr><td>"</td><td>42</td><td>47</td><td>Pea gravel w/rocks</td><td>X</td><td></td></tr><tr><td>"</td><td>47</td><td>52</td><td>Black clay</td><td></td><td>X</td></tr><tr><td>"</td><td>52</td><td>74</td><td>Pea gravel, coarse sand, rocks</td><td>X</td><td></td></tr><tr><td>"</td><td>74</td><td>90</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>90</td><td>100</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>100</td><td>118</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>118</td><td>125</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>125</td><td>145</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>145</td><td>147</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>147</td><td>150</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>150</td><td>152</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>152</td><td>163</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>163</td><td>165</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>165</td><td>180</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>180</td><td>184</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>184</td><td>191</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>191</td><td>210</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>210</td><td>221</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>221</td><td>225</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>225</td><td>231</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>231</td><td>250</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>250</td><td>302</td><td>Blue clay</td><td></td><td>X</td></tr><tr><td>"</td><td>302</td><td>304</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>304</td><td>311</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>311</td><td>326</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>326</td><td>372</td><td>Clay</td><td></td><td>X</td></tr><tr><td>"</td><td>372</td><td>378</td><td>Coarse sand</td><td>X</td><td></td></tr><tr><td>"</td><td>378</td><td>418</td><td>Clay / basalt</td><td>X</td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	28"	0	6	Top soil		X	28"	6	15	Pea gravel		X	"	15	20	Black clay, rocks		X	"	20	42	Black clay		X	"	42	47	Pea gravel w/rocks	X		"	47	52	Black clay		X	"	52	74	Pea gravel, coarse sand, rocks	X		"	74	90	Clay		X	"	90	100	Coarse sand	X		"	100	118	Clay		X	"	118	125	Coarse sand	X		"	125	145	Clay		X	"	145	147	Coarse sand	X		"	147	150	Clay		X	"	150	152	Coarse sand	X		"	152	163	Clay		X	"	163	165	Coarse sand	X		"	165	180	Clay		X	"	180	184	Coarse sand	X		"	184	191	Clay		X	"	191	210	Coarse sand	X		"	210	221	Clay		X	"	221	225	Coarse sand	X		"	225	231	Clay		X	"	231	250	Coarse sand	X		"	250	302	Blue clay		X	"	302	304	Coarse sand	X		"	304	311	Clay		X	"	311	326	Coarse sand	X		"	326	372	Clay		X	"	372	378	Coarse sand	X		"	378	418	Clay / basalt	X	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Auger ☒ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)																																																																																																																																																																																																													
5. WELL CONSTRUCTION *See Attached Sectional * Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>.250 inches</td><td>16 inches</td><td>+</td><td>_____ feet _____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> 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 <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> * Well screen installed? ☒ Yes ☐ No Manufacturer <u>Roscoe Moss</u> Type <u>Wire Wrap</u> Top Packer or Headpipe _____ Bottom of Tailpipe _____ Diameter <u>16"</u> Slot size <u>.040s</u> Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No ☐ Size of gravel <u>3/8-</u> Placed from <u>40</u> feet to <u>418</u> feet Surface seal depth <u>40</u> 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 <u>1 1/2" pipe w/plug</u>		Thickness	Diameter	From	To	.250 inches	16 inches	+	_____ feet _____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet																																																																																																																																																																																
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Washington</u> Address of Well Site _____ (give at least name of road) <u>SW 1/4 SW 1/4 Sec. 29, R. 3</u> T. <u>14</u> N ☒ or S ☐ E ☐ or W ☒		10. DRILLER'S CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Riverside Drilling</u> Firm No. <u>333</u> PO Box <u>720</u> Address <u>Parma, ID 83660</u> Date <u>9-18-92</u> Signed by Drilling Supervisor <u>Larry Daugherty</u> and _____ (Operator) <u>Larry Daugherty</u> (If different than the Drilling Supervisor)																																																																																																																																																																																																											

Art Fairchild
Rt 1 Box 87
Midvale, ID 83645

Drilling Permit: 67-W-92-010
Water Permit: 67-07875

14N 03W
Sec 29

pg 2



Process	Basin Sequence	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	67-7875	N	FAIRCHILD, ARTHUR A	GROUND WATER	POD											X	X					0
Water Permit	67-7875	N	FAIRCHILD, ARTHUR A	GROUND WATER	POU				40.0					40.0		40.0	40.0	40.0	40.0	40.0	40.0	320
Water Right	67-10612	N	BOYD, DORRIS E; BOYD, LAWRENCE G	GROUND WATER	POD				X													0
Water Right	67-10612	N	BOYD, DORRIS E; BOYD, LAWRENCE G	GROUND WATER	POU				X													0
Water Right	67-2008	N	ADAMSON, JAMES A	UNNAMED STREAM	POD									X								0
Water Right	67-2008	N	ADAMSON, JAMES A	UNNAMED STREAM	POU														40.0	40.0		80
Water Right	67-2257	N	MALLORY, JOANNE M; MALLORY, LAUREN G	GROUND WATER	POD					X												0
Water Right	67-2257	N	MALLORY, JOANNE M; MALLORY, LAUREN G	GROUND WATER	POU					X												0
Water Right	67-4153	N	HOPPER, DAVID L; HOPPER, JANETTE K	SPRING CREEK	POU									40.0		40.0	40.0		40.0	40.0		200
Water Right	67-7005	N	TREE TOP RANCHES LP	GROUND WATER	POD											X						0
Water Right	67-7005	N	TREE TOP RANCHES LP	GROUND WATER	POU				40.0					40.0		40.0	40.0	40.0	40.0	40.0	40.0	320
Water Right	67-7187	N	BOYD, DORRIS E; BOYD, LAWRENCE G	GROUND WATER	POD		X															0
Water Right	67-7187	N	BOYD, DORRIS E; BOYD, LAWRENCE G	GROUND WATER	POU		X															0

67-7005 → identified as overlap in F.E,

67-4153 → Disallowed as Unclaimed

67-2008 → Disallowed as Unclaimed

67-10612 → Domestic and Stockwater