

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION SECTION
CLAIM VERIFICATION FIELD EXAM SHEET
(Use with the ECVR)

CLAIM NO(s). 34-13915

1. ☒ No Change NAME IS SAME

☐ NEW OWNER:

PHILLIP JAMES DAVIES

☒ No Change ADDRESS

☐ NEW ADDRESS:

2. ☐ No Change - DATE OF PRIORITY: Completed evidence submitted

☐ Incomplete - Claimant should be asked during the exam when was water first used and submit proof of date of priority.

Priority date, per claimant, is: 5/20/1958

(If the priority date, based on your exam, seems questionable, explain below.)

Proven by when Power Meter was installed @ Mill

3. ☒ No Change — SAME SOURCE

☐ Source is different than that claimed:

Source found: _____

4. ☐ No Change — POINT OF DIVERSION

☐ Point of diversion is different than the claim and/or new P/D's:

GPS Site Tag No.: A0015883 EASTING 2551491 NORTHING 1392336

Township _____ Range _____ Section 1/4 1/4 1/4
Township _____ Range _____ Section 1/4 1/4 1/4

5. ☐ No Change - DESCRIPTION OF DIVERTING WORKS

☒ Incomplete description, list below:

3/4 HP General Electric Pump. Pumping Depth close to 65 ft.
Static water level @ 52 ft. Well is 70 ft deep.

6. ☒ No Change - WATER USES
☐ Different uses, (list uses found):

Use _____	From _____	To _____	Amount _____	CFS _____	AFA _____
Use _____	From _____	To _____	Amount _____	CFS _____	AFA _____
Use _____	From _____	To _____	Amount _____	CFS _____	AFA _____

7. ☐ No Change - TOTAL VOLUME

☐ Incomplete on claim, the total is, Amount _____ CFS _____ AFA _____

☒ Changes found, the new total is, Amount 0.04 CFS _____ AFA _____
- BASED ON PUMP
Flow CALCULATIONS
(SHEET ATTACHED)

8. ☐ No Change - NON-IRRIGATION USES:

☐ Changes Exam found:

Domestic # of homes: _____ Stock # _____ List types: _____

Additional comments: _____

9. ☐ No Change — PLACE OF USE: (If changed, list below.)

Use: _____	Township _____	Range _____	Section _____	1/4 _____	1/4 _____
Use: _____	Township _____	Range _____	Section _____	1/4 _____	1/4 _____
Use: _____	Township _____	Range _____	Section _____	1/4 _____	1/4 _____
Use: _____	Township _____	Range _____	Section _____	1/4 _____	1/4 _____

Remarks: (Comments pertinent to field examination) ☐ See additional attachment

MEET AND TALKED TO PHIL DAVIES ON SITE DURING THE
FIELD EXAM.

SYSTEM IS CURRENTLY TORN APART AND LAYING IN PIECES

☐ SYSTEM DIAGRAM INCLUDED ☒ NA

☒ Shown on GIS Layout

☐ CK IF IN OFFICE EXAM

DATE EXAM CONDUCTED: 29 May 2008

FIELD EXAMINER:

JOSEPH LARSEN
Print Name

[Signature]
Signature

Theoretical Pump Flow Calculation	
$Q = [(Hp) * (8.814) * (eff)] / [Lift + (psi * 2.308)]$	
Claim Number 34-13915	
Hp = horsepower =	0.75
Eff = efficiency =	0.7
Lift =	52
PSI = Pressure =	30
Q =	0.04

Lift = Static water level + assumed draw down
or
Measured dynamic water level

CREATED BY
 JUN 02 2008
 J LARSEN

MEMORANDUM to FILE

Date: July 15, 2008
To: Adjudication Claim 34-13935
From: Joseph Larsen
Re: Adjudication Recommendation

My 15 July 2008 recommendation is based on the field exam I performed on 29 May 2008. During my exam I discovered that the pump associated with this claim is $\frac{3}{4}$ horsepower. Because the pump was pulled from the well (see Field Exam photos) it was impossible to perform an actual measurement thus I used the theoretical pump calculation to generate a reasonable delivery rate for the pump. The 52 feet of lift is what was measured and reported to IDWR by the Claimant, Phil Davies. I low-balled the operational PSI at 30, which resulted in the estimated flow rate of 0.04 CFS (calculation sheet attached to Field Exam).

The volume for this right was derived from calculating what the volume would be if the pump was to run constantly for one year. This resulted in a volume of 29.0 AFA.

The claimant claimed 0.2 CFS, but I think that it is impossible to actually obtain this flow rate. The pump is just too small to reach that flow rate.