

FIELD EXAM CHECKLIST

PERMIT # SI-12959 STAFF Justin Shearer DATE 10-19-16

PREPARE LICENSING FILE (Left side)

- ☒ Copy of permit approval & proof report (place on top)
- ☒ Copy of original application for permit
- ☒ Copy of Proof of Beneficial Use Exam fee required \$ 50.00 Exam fee paid \$ 50.00
- ☒ Copies of any Amendments/Assignments/Ownership Docs

EXAM PREPERATION (Right side)

- ☒ Blank Beneficial Use Field Report form
- ☒ Aerial photo (system diagram map to be completed with permit owner)
- ☒ Well log (attach to field exam)

Conditions: Measuring device requirements? N/A Installed? N/A
 Other (supplemental conditions, limits, etc.)? _____

Overlap: POD? NO
 POU? YES, WR SI-113 (Same owner, for irrigation.)

Ownership

Taxlot / ID SOS match? YES

If new owner, collect Assignment of Permit form / Ownership Change form in field.

EXAM APPOINTMENT

owner or rep phone #? _____

Owner or rep will be present at exam (someone familiar with system)¹? N/A

Exam date/time/place?

If cannot get from web or other references: directions to site? approx driving time from office?

System on/operating normally during exam (not always required)?

SYSTEM INFOPump Diversion

Approx HP?

N/A Owner can provide pump curve?

Pump set or lift?

Approx operating psi?

Approx mainline pipe diameter?

Approx # sprinklers? Nozzle size?

Gravity Flow

Ditch capacity?

Weirs or Flumes installed?

Special Remarks:**POST FIELD EXAM**

- ☒ Exam date data entered
- ☒ Ad Hoc data entry & license shapes
- ☒ Exam file prepared – see N:\WR Field Exams\LicenseFileOrganization
- ____ Licensing amendments required _____ If so, received?
- ☒ Draft license & WR Layout maps OR _____ Void permit

¹ OK to do exam w/o anyone present if owner agrees in advance, provides info so you can find p/d, how system works, how recognize p/u etc. Usually limited to small systems – spring/creek/well for cabins, few acres irrigation, minor stockwater/wildlife/recreation etc.

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 51-12959

Examiner: Justin Shearer

Date: 11/7/16

In-office qualification (IDAPA 035.01.r): ☐ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☒ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: Winter Grazing LLC C/O Greg Vik Address: PO Box 1607, Bellevue, WA 98009

Beneficial Use Fee Paid: \$50.00 Receipt: C069404

Source: Ground Water Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
11S	09E	23										X						

Method of Determination: Well log and mapping submitted by user.

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	09E	23										D							
11S	09E	23										SW							

Method of Determination: Satellite Imagery, email & phone correspondence with user.

POU change? ☐ N ☒ Y

Purpose of Use: Stockwater, Domestic

Purpose change? ☒ N ☐ Y

Method of Determination: Evidence of home and stockwater tanks identified on property

Standard Season of Use: 01/01-12/31

Update required on license? ☒ N ☐ Y

Overlap Review POD overlap? ☒ N ☐ Y WR's:

Analysis Attached ☒ Comments: No POD overlap found.

POU overlap? ☒ N ☐ Y WR's:

Comments: 51-113 is same owner, WR for Irrigation use, but no actual overlap.

Diversion Rate Permitted Rate: 0.110 cfs BU Standard Limit: 0.14 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.110cfs

Annual Volume

For Irrigation: N/A cfs x 1.9835 x N/A days = af
 N/A acres x N/A af/ac (FHR) = af
 Smaller of two volumes = af

For other uses: Stockwater: Recommended amounts based off of Admin Memo 3.
 Domestic: Recommended amounts based off of Admin Memo 22.

IN-OFFICE BENEFICIAL USE FIELD REPORT

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Stockwater	01/01-12/31	0.110	8.1
Domestic	01/01-12/31	0.04	0.6
Totals		0.110 cfs	8.7 af

Amendments Required

☐ Change P.D. ☐ Add P.D. ☒ None
☐ Change P.U. ☐ Add P.U. ☐ Other:

Conditions: Removed conditions 046 and X02 as per licensing procedure. Added condition WB5

Have conditions of permit been met? ☒ Y ☐ N

Narrative: Permit 51-12959 authorized the diversion of 0.110 cfs from Ground Water for Domestic and Stockwater purposes. Based on the small permitted diversion rate and POU, this qualifies for an in-office field exam. The exam was completed on 11/4/16 by WRA Justin Shearer.

The permit shows POD in the SW,NW,SW QQQ, however the POD was confirmed via email with Winter Grazing, LLC. as being in the NW,NW,SW QQQ. We can drop the 10 acre tract per dept. standards. Well still w/in NW,SW QPOD and POU were detailed on map by Winter Grazing, LLC. and returned by email. During this process the user confirmed that the POU had not been developed to the extent that they had requested at the time of permittal. Beneficial use was only developed in the NWSW QQ of 11S09E Section 23. All other POU's for stockwater use were not developed and should be relinquished at licensing. POU shapes were updated accordingly to reflect this change. Additionally, the user provided a revised number of head of stock (500 range cattle, and approximately 20 horses). Recommended annual volume is based off of this number. No irrigation is provided by this POD for the Domestic POU as irrigation needs are covered by WR 51-113.

Stockwater tanks detailed by owner were identified in satellite imagery and located on said property. The BU standard limit for diversion of stockwater is 0.14cfs based on the number of head, however the permitted rate of 0.110 cfs is less than, and is therefore the recommended diversion rate.

Overlap review for POU showed 51-113 overlapped, however it is the same owner and the use is for irrigation purposes.

Emailed request for additional information 10/24/16, received email response 10/25/16. Confirmed system and uses via phone 10/27/16.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☒
 Photographs ☐ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Other: Communication/maps from Rod Gonsales
 Site Visit ☐ Date:

[illegible]

Shearer, Justin

From: Rod Gonsales [camascreek@hughes.net]
Sent: Tuesday, October 25, 2016 3:47 PM
To: Shearer, Justin
Subject: RE: 51-12959 Point of Diversion and Place of Use
Attachments: SKM_C224e16102503050.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Justin,

Please see the attached map I have located the information you have requested.

If you need any additional information, please don't hesitate to email or call.

Thank you.

Rod Gonsales

From: Shearer, Justin [<mailto:Justin.Shearer@idwr.idaho.gov>]
Sent: Monday, October 24, 2016 3:49 PM
To: camascreek@hughes.net
Subject: 51-12959 Point of Diversion and Place of Use

Good Afternoon,

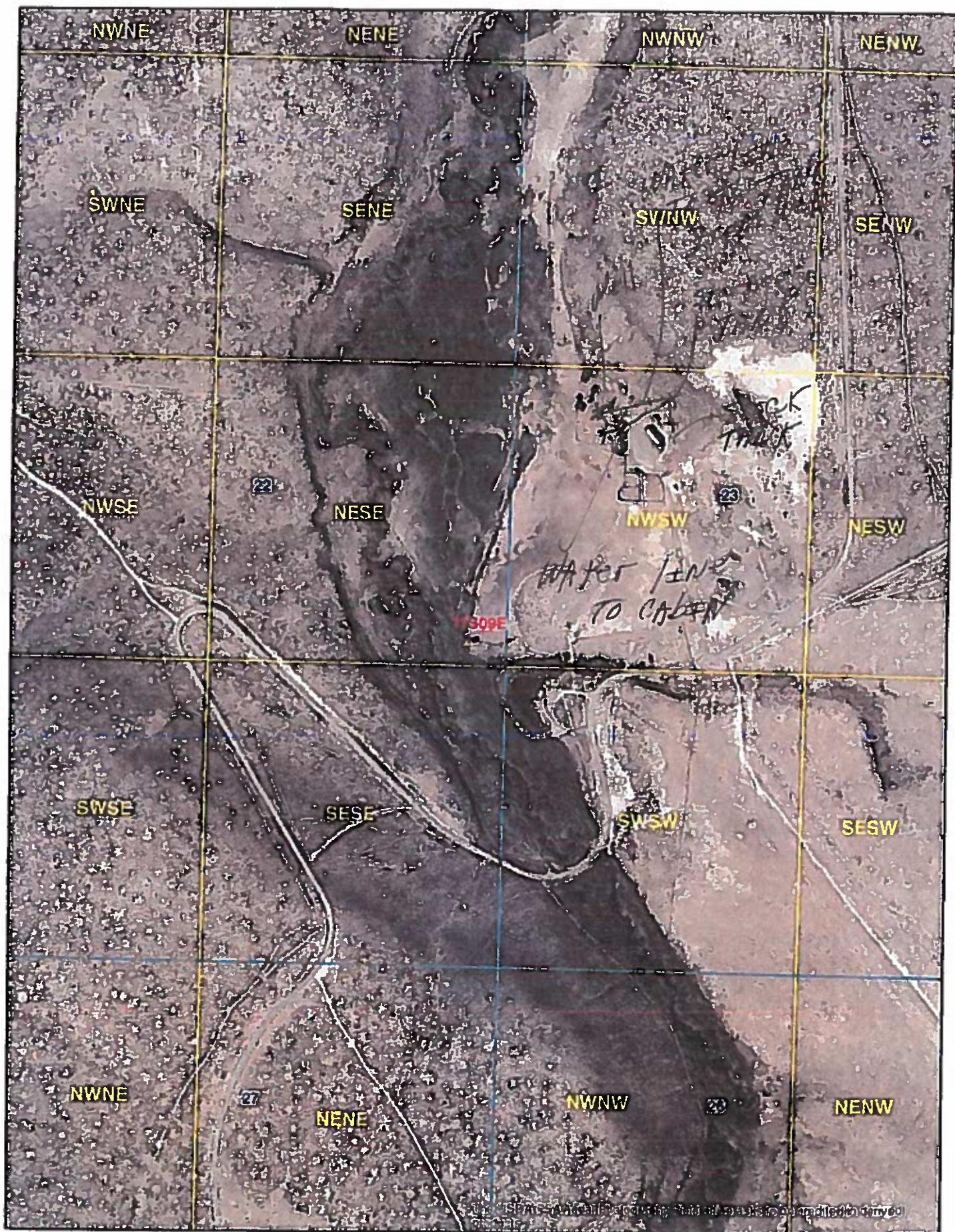
Thank you for your time on the phone this morning to discuss details pertaining to the place of use(POU) and point of diversion(POD) for Water Right Permit 51-12959. Attached you will find maps/aerial imagery of the area in which the POU's and POD exist for this permit. Also, I have included a copy of the proof report that outlines the details of this water permit.

Please take the time to outline on the map where the POD(well) is located as best you can. Additionally, please indicate which building is receiving the domestic beneficial use on the map. I also included a zoomed out image, on this one please indicate the various POU's for stockwater use as best you can.

Finally, any other additional information that you are able to provide that helps better describe the water delivery system for these beneficial uses would be greatly appreciated. Please return scanned versions of these maps with your notations and remarks at your earliest convenience and so that we can expedite the licensing of this water right for you.

If you have any questions or concerns in regards to this matter, please feel free to contact me and I would be happy to assist.

Justin Shearer
Idaho Department of Water Resources
Water Resource Agent
(208) 334-2190
justin.shearer@idwr.idaho.gov







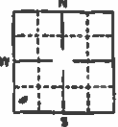
Google earth

feet
meters



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>ECHO Water Users Association, INC.</u> <u>C/O Frank Bachman</u> Address <u>P.O. Box 186 Bruneau, ID 83604</u> Drilling Permit No <u>51-92-W-004</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>303</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 erosion 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 ☐ Bailor ☒ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																													
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Monitor ☐ Industrial ☒ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <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>10-8</td> <td>0</td> <td>10</td> <td>Top Soil & Gravel</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>10</td> <td>60</td> <td>Lava Rock</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>60</td> <td>62</td> <td>Red Cinders</td> <td>X</td> <td> </td> </tr> <tr> <td>"</td> <td>62</td> <td>90</td> <td>Red-Brn Burnt Clay</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>90</td> <td>146</td> <td>Lava Rock</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>146</td> <td>300</td> <td>Red-Brn Burnt Clay</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>300</td> <td>312</td> <td>Burnt Clay-Inlaid Rock</td> <td>X</td> <td> </td> </tr> <tr> <td>"</td> <td>312</td> <td>330</td> <td>Blk Rock (Medium Soft)</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>330</td> <td>410</td> <td>Hard Brown Rock</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>410</td> <td>460</td> <td>Soft Cinder, Brn-Blk</td> <td>X</td> <td> </td> </tr> <tr> <td>"</td> <td>460</td> <td>490</td> <td>Medium Brn Rock</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>490</td> <td>500</td> <td>Brn-Red Burnt Clay</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>500</td> <td>540</td> <td>Hard Brn Rock</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>540</td> <td>580</td> <td>Hard Brn Rock-with Mixed Clay</td> <td> </td> <td> </td> </tr> <tr> <td>"</td> <td>580</td> <td>670</td> <td>Hard Brn Rock & Burnt Clay Seams</td> <td> </td> <td> </td> </tr> <tr> <td>8</td> <td>670</td> <td>700</td> <td>Blk - Brn Cinders</td> <td>X</td> <td> </td> </tr> <tr> <td colspan="6" style="text-align: center;">END OF HOLE</td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	10-8	0	10	Top Soil & Gravel			"	10	60	Lava Rock			"	60	62	Red Cinders	X		"	62	90	Red-Brn Burnt Clay			"	90	146	Lava Rock			"	146	300	Red-Brn Burnt Clay			"	300	312	Burnt Clay-Inlaid Rock	X		"	312	330	Blk Rock (Medium Soft)			"	330	410	Hard Brown Rock			"	410	460	Soft Cinder, Brn-Blk	X		"	460	490	Medium Brn Rock			"	490	500	Brn-Red Burnt Clay			"	500	540	Hard Brn Rock			"	540	580	Hard Brn Rock-with Mixed Clay			"	580	670	Hard Brn Rock & Burnt Clay Seams			8	670	700	Blk - Brn Cinders	X		END OF HOLE					
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)	10. Work started <u>7-20-92</u> finished <u>7-27-92</u>																																																																																																																
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>250 inches</td> <td>8 inches</td> <td>+ 2 feet</td> <td>10 feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </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 Number From To _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☒ No Manufacturer _____ Type _____ Top Packer or Headpipe _____ Bottom of Tailpipe _____ 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 *OK See Attached RW *Surface seal depth 10 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 _____	Thickness	Diameter	From	To	250 inches	8 inches	+ 2 feet	10 feet									11. DRILLER'S CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Hiddleston & Son, INC. Firm Name _____ Firm No. <u>35</u> Rt 3, Box 610-D Address Mtn Home, ID 83647 Date <u>8-4-92</u> Signed by Drilling Supervisor <u>Roz</u> and (Operator) <u>Edwin Miller</u> (If different than the Drilling Supervisor)																																																																																																
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Owyhee</u> <u>Clover Crossing - East Fork</u> Address of Well Site <u>Bruneau River</u> (give at least name of road) T. <u>11</u> N ☐ or S ☒ SW <u>1/4</u> SE <u>1/4</u> Sec. <u>23</u> R. <u>9</u> E ☒ or W ☐																																																																																																																	