

RECEIVED

JUL 08 2009

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 76796**MINIMUM REQUIREMENTS CHECKLIST**
TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable for processing by the Department. Incomplete applications will be returned. The instructions, fee schedule and water right proof report or details report for Part 2A of the transfer application are available from any Department office or on the Department's website at <http://www.idwr.idaho.gov/>.

Check whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

Yes N/A

* Means the item is always required and must be included with the application.

- ☒ * Completed Application for Transfer of Water Right form, Part 1.
- ☒ * Signature of applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative.
- ☒ * Application for Transfer Part 2A. Attach a Proof Report (obtained from Department) or Details Report (obtained on website) describing each water right in the transfer as currently recorded.
- ☐ ☒ Complete and attach an Application for Transfer Part 2B for each water right for which only a portion is proposed to be changed through this transfer application.
- ☒ * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s).
- ☒ * Correct fee submitted with transfer application form. (Fee schedule is on website and instructions for application for transfer.)

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9.

- ☐ ☒ #1 If the applicant is a business, partnership, organization, or association, and not currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder. (See Part 1.)
- ☐ ☒ #2a Water Right ownership documentation if Dept. records do not show the transfer applicant as the current water right owner.
- ☐ ☒ #2b If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s).
- ☐ ☒ #3 Documentation of authority to make the change if the applicant is not the water right owner.
- ☐ ☒ #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.)
- ☐ ☒ #5 If the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at <http://www.idwr.idaho.gov/water/rights/>.
- ☐ ☒ #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer. (See Part 1.5.c.)
- ☒ * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A.)
- ☐ ☒ #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use.
- ☐ ☒ #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B.)
- ☐ ☒ #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.)
- ☐ ☒ #9 Other. Please describe: _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. _____

**APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1**

Name of Applicant(s) Crookham Company Phone (208) 549-7451Mailing address P.O. Box 520, Caldwell, ID 83606-0520 Email _____

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it **Attachment #1**.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it **Attachment #2a**.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Label it **Attachment #2b**.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it **Attachment #3**.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

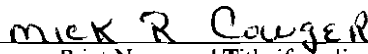
☐ No RepresentativeName of Representative SPF Water Engineering LLC, c/o Roxanne Brown Phone (208) 383-4140Mailing address 300 E. Mallard Dr., Suite 350, Boise, ID 83706 Email rbrown@spfwater.com

- ☐ Send all correspondence for this application to the representative and not to the applicant
- OR
- ☒ Send original correspondence to the applicant and copies to the representative.
- ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant.
- OR
- ☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it **Attachment #4**.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.



Signature of Applicant or Authorized Representative



Print Name and Title if applicable

6-5-09

Date

Signature of Applicant or Authorized Representative

Print Name and Title if applicable

Date

A. PURPOSE OF TRANSFER

1. ☐ Change point of diversion ☒ Add diversion point(s) ☐ Change place of use
☐ Change nature of use ☐ Change period of use ☐ Other _____
2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label it **Part 1A.2**. Applicant has drilled a new well at the same location as the original well described in water right 63-11101. Applicant wishes to maintain the original well as an alternate source of supply. Well Driller's Reports are attached as Part 1A.2.

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WATER RESOURCES
WESTERN REGION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐	63-11101	2.08/468.0	irrigation	3/15 to 11/15	ground water
☐				to	
☐				to	
☐				to	
☐				to	
☐				to	
☐				to	
☐				to	
☐				to	

Total authorized under rights 2.08 cfs and/or 468.0 ac-ft

2. Total amount of water proposed to be transferred or changed 2.08 cubic feet per second and/or 468.0 acre-feet per annum.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed-the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA Label it **Attachment #5**.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
		SE	SW	NE	11	3N	4W	Canyon	ground water	original well
		SE	SW	NE	11	3N	4W	Canyon	ground water	new well

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☒ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres (for irrigation use) _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future: existing wells, pumps and distribution system

- b. Who owns the property at the point(s) of diversion? applicant

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system: _____

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?

If yes, ☐ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it **Attachment #6**. List the name of the entity and type of lien: The applicant does not propose a change to the place of use.

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer: n/a

- e. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) use: n/a

- f. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- | | | |
|--------------------------|-------------------------------------|---|
| ☐ | ☒ | undergone a period of five or more consecutive years of non-use, |
| ☐ | ☒ | currently leased to the Water Supply Bank, |
| ☐ | ☒ | currently used in a mitigation plan limiting the use of water under the right, or |
| ☐ | ☒ | currently enrolled in a Federal set-aside program limiting the use of water under the rights? |

If yes, describe: _____

Total Acres (for irrigation use) _____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 63-11101

Current Owner: CROOKHAM CO

Priority Date: 1/12/1990

Origin: Water Right

Status: Active

Basis:	License
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Source

Tributary

GROUND WATER

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	3/15 to 11/15	2.08 CFS	468 AF
	Total Diversion	2.08 CFS	468 AF

Location of Point(s) of Diversion

GROUND WATER SW1/4NE1/4 Sec. 11, Twp 03N, Rge 04W B.M.
CANYON County

Place of Use

IRRIGATION Within CANYON County

T03N R04W S11	NENE	6.00	T03N R04W S11	NWNE	30.00
T03N R04W S11	SWNE	38.00	T03N R04W S11	SENE	30.00
Total Acres: 104					

Conditions of Approval:

1. The right holder shall fully use all surface water rights appurtenant to the lands identified above prior to using water under this right.
2. R32 This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for irrigation of the lands above.

Licensed Date: 10/13/1994

Part 1A.2

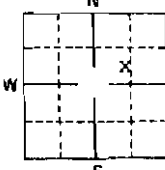
Attachment A
5 pgs

JUN 26 1990

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.
Western Regional Office

JUN 19 1990

1. WELL OWNER Name <u>Crookham Company</u> Address <u>Box 520 - Caldwell, ID 83606-0520</u> Owner's Permit No. <u>63-11101 - 63-90-W-042</u>	7. WATER LEVEL Department of Water Resources Western Regional Office Static water level _____ feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF Quality _____ Describe artesian or temperature zones below.																																																																																																																																																																												
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	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> </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 ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th rowspan="2">Water Yes No</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>28"</td><td>0</td><td>6</td><td>Top Soil last</td><td></td></tr><tr><td></td><td>6</td><td>14</td><td>Caliche w/sand 1st. 2'</td><td></td></tr><tr><td></td><td>14</td><td>41</td><td>Caliche</td><td></td></tr><tr><td></td><td>41</td><td>44</td><td>Sandstone</td><td></td></tr><tr><td></td><td>44</td><td>51</td><td>Sandstone/caliche</td><td></td></tr><tr><td></td><td>51</td><td>54</td><td>Wht. & Brn. Clay w/Brn.</td><td></td></tr><tr><td></td><td></td><td></td><td>w/mstly. Crse. Sand at end</td><td></td></tr><tr><td></td><td>54</td><td>64</td><td>Wht. to Yellow Clay w/ a little sandstone</td><td></td></tr><tr><td></td><td>64</td><td>74</td><td>Yllw. to Brn. Clay w/Sand mxd</td><td></td></tr><tr><td></td><td>74</td><td>78</td><td>Fine to Med. Sand</td><td></td></tr><tr><td></td><td>78</td><td>84</td><td>Crse. Sand w/ Sandstone hunks</td><td></td></tr><tr><td></td><td>84</td><td>90</td><td>Sandstone w/Very fine Sand</td><td></td></tr><tr><td></td><td>90</td><td>94</td><td>Fine to crse. sand w/ 2' Large Gravel</td><td></td></tr><tr><td></td><td>94</td><td>104</td><td>Grvl. (Lge.) / Crse. Sand</td><td></td></tr><tr><td></td><td>104</td><td>108</td><td>Yllw. Clay/Gravel</td><td></td></tr><tr><td></td><td>108</td><td>111</td><td>Good Yllw. Crse. Sand</td><td></td></tr><tr><td></td><td>111</td><td>114</td><td>Grayish Brn. Clay</td><td></td></tr><tr><td></td><td>114</td><td>124</td><td>Brn. & Yellow Clay</td><td></td></tr><tr><td></td><td>124</td><td>134</td><td>Brn. & Silty Yellow Clay</td><td></td></tr><tr><td></td><td>134</td><td>140</td><td>Fine Sand</td><td></td></tr><tr><td></td><td>140</td><td>144</td><td>Yellow & Blue Clay</td><td></td></tr><tr><td></td><td>144</td><td>175</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>175</td><td>184</td><td>Blue sand w/sme. clay</td><td></td></tr><tr><td></td><td>184</td><td>194</td><td>Fine to crse. sand</td><td></td></tr><tr><td></td><td>194</td><td>209</td><td>Fine Sand</td><td></td></tr><tr><td></td><td>209</td><td>234</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>234</td><td>264</td><td>Blue Clay & Brn. Clay</td><td></td></tr><tr><td></td><td>264</td><td>270</td><td>Fine Sand & Sme. Clay</td><td></td></tr><tr><td></td><td>270</td><td>274</td><td>Green Clay</td><td></td></tr><tr><td></td><td>274</td><td>284</td><td>Blue & Green Clay</td><td></td></tr><tr><td></td><td>284</td><td>294</td><td>Blu Clay w/sme. fine sand</td><td></td></tr><tr><td></td><td>294</td><td>300</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>300</td><td>304</td><td>Med. to Crse. Sand w/sma particles yll.-blu Clay</td><td></td></tr></tbody></table>	Bore Diam.	Depth		Material	Water Yes No	From	To	28"	0	6	Top Soil last			6	14	Caliche w/sand 1st. 2'			14	41	Caliche			41	44	Sandstone			44	51	Sandstone/caliche			51	54	Wht. & Brn. Clay w/Brn.					w/mstly. Crse. Sand at end			54	64	Wht. to Yellow Clay w/ a little sandstone			64	74	Yllw. to Brn. Clay w/Sand mxd			74	78	Fine to Med. Sand			78	84	Crse. Sand w/ Sandstone hunks			84	90	Sandstone w/Very fine Sand			90	94	Fine to crse. sand w/ 2' Large Gravel			94	104	Grvl. (Lge.) / Crse. Sand			104	108	Yllw. Clay/Gravel			108	111	Good Yllw. Crse. Sand			111	114	Grayish Brn. Clay			114	124	Brn. & Yellow Clay			124	134	Brn. & Silty Yellow Clay			134	140	Fine Sand			140	144	Yellow & Blue Clay			144	175	Blue Clay			175	184	Blue sand w/sme. clay			184	194	Fine to crse. sand			194	209	Fine Sand			209	234	Blue Clay			234	264	Blue Clay & Brn. Clay			264	270	Fine Sand & Sme. Clay			270	274	Green Clay			274	284	Blue & Green Clay			284	294	Blu Clay w/sme. fine sand			294	300	Blue Clay			300	304	Med. to Crse. Sand w/sma particles yll.-blu Clay	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☒ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____																																																																																																																																																																													
5. WELL CONSTRUCTION (See attached sheet) Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness _____ Diameter _____ From _____ To _____ _____ inches _____ inches + _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet 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 (See Attached) Manufacturer's name <u>Roscoe Moss</u> Type <u>Wirewrap</u> Model No. _____ Diameter _____ Slot size _____ 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 _____ feet to _____ feet Surface seal depth <u>18'</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>2"</u>																																																																																																																																																																													
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County _____ Canyon _____ SW 1/4 NE 1/4 Sec. <u>11</u> T. <u>3N</u> S. <u>R.</u> 4W E ☐ W ☐	10. Work started <u>4/30/90</u> finished <u>5/11/90</u>																																																																																																																																																																												
	11. DRILLERS CERTIFICATION DL I/We certify that all minimum well construction standards were complied with at the time the rig was removed. PETE COPE DRILLING CO., INC. Firm Name _____ Firm No. <u>213</u> <u>6505 West Chinden Blvd.</u> Address _____ Meridian, ID _____ Date <u>5/12/90</u> Signed by (Firm Official) <u>Pete Cope</u> and _____ (Operator) <u>Frank Chastain</u>																																																																																																																																																																												

A2

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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.

USE TYPEWRITER OR
BALLPOINT PEN.

JUN 19 1990

1. WELL OWNER Name <u>Crookham Company</u> Address _____ Owner's Permit No. <u>63-90-W-0092-000</u>		7. WATER LEVEL Department of Water Resources Western Regional Office Static water level _____ 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 ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		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> </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 ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th rowspan="2">Water Yes No</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>28"</td><td>304</td><td>314</td><td>Med. Fine to crse. pea gravel</td><td></td></tr><tr><td></td><td>314</td><td>324</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>324</td><td>334</td><td>Blue Clay w/Hrd. Strips</td><td></td></tr><tr><td></td><td></td><td></td><td>Soapstone</td><td></td></tr><tr><td></td><td>334</td><td>357</td><td>Clay</td><td></td></tr><tr><td></td><td>357</td><td>361</td><td>Sand</td><td></td></tr><tr><td></td><td>361</td><td>364</td><td>Clay</td><td></td></tr><tr><td></td><td>364</td><td>394</td><td>Blue & Brn. Clay</td><td></td></tr><tr><td></td><td>394</td><td>404</td><td>Blue Clay w/sme. fine sand</td><td></td></tr><tr><td></td><td>404</td><td>414</td><td>Blue Clay w/vry. little sand</td><td></td></tr><tr><td></td><td>414</td><td>424</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>424</td><td>494</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>494</td><td>504</td><td>Blue Clay w/silty clay</td><td></td></tr><tr><td></td><td>504</td><td>514</td><td>Blue Clay w/traces fine sand</td><td></td></tr><tr><td></td><td>514</td><td>524</td><td>Blue Clay w/sandstone</td><td></td></tr><tr><td></td><td>524</td><td>534</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>534</td><td>544</td><td>Clay/Silty Clay</td><td></td></tr><tr><td></td><td>544</td><td>564</td><td>Brn. & Blu Clay w/trces. Silty Clay</td><td></td></tr><tr><td></td><td>564</td><td>574</td><td>Silty Brn. & Blu Clay w/ some organic material.</td><td></td></tr><tr><td></td><td>574</td><td>624</td><td>Brn. & Green Clay</td><td></td></tr><tr><td></td><td>624</td><td>634</td><td>Brn. Clayw/ little more grit</td><td></td></tr><tr><td></td><td>634</td><td>644</td><td>Brn. Clay w/silt particles.</td><td></td></tr><tr><td></td><td>644</td><td>654</td><td>Blue & Brn. Clay</td><td></td></tr><tr><td></td><td>654</td><td>684</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>684</td><td>694</td><td>Blue & Brn. Clay</td><td></td></tr><tr><td></td><td>694</td><td>719</td><td>Sand</td><td>✓</td></tr><tr><td></td><td>719</td><td>724</td><td>Clay</td><td></td></tr><tr><td></td><td>724</td><td>736</td><td>Gritty Clay</td><td></td></tr><tr><td></td><td>736</td><td>744</td><td>Fine Sand</td><td>✓</td></tr><tr><td></td><td>744</td><td>754</td><td>Gritty Clay</td><td></td></tr><tr><td></td><td>754</td><td>760</td><td>Fine Sand</td><td>✓</td></tr><tr><td></td><td>760</td><td>784</td><td>Clay</td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water Yes No	From	To	28"	304	314	Med. Fine to crse. pea gravel			314	324	Blue Clay			324	334	Blue Clay w/Hrd. Strips					Soapstone			334	357	Clay			357	361	Sand			361	364	Clay			364	394	Blue & Brn. Clay			394	404	Blue Clay w/sme. fine sand			404	414	Blue Clay w/vry. little sand			414	424	Blue Clay			424	494	Blue Clay			494	504	Blue Clay w/silty clay			504	514	Blue Clay w/traces fine sand			514	524	Blue Clay w/sandstone			524	534	Blue Clay			534	544	Clay/Silty Clay			544	564	Brn. & Blu Clay w/trces. Silty Clay			564	574	Silty Brn. & Blu Clay w/ some organic material.			574	624	Brn. & Green Clay			624	634	Brn. Clayw/ little more grit			634	644	Brn. Clay w/silt particles.			644	654	Blue & Brn. Clay			654	684	Brn. Clay			684	694	Blue & Brn. Clay			694	719	Sand	✓		719	724	Clay			724	736	Gritty Clay			736	744	Fine Sand	✓		744	754	Gritty Clay			754	760	Fine Sand	✓		760	784	Clay	
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5. WELL CONSTRUCTION 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>_____ 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><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's name _____ Type _____ Model No. _____ 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 Surface seal depth _____ Material used: ☐ Cement grout ☐ Bentonite ☐ Pudding 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	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ 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. <table border="1"><tr><td>N</td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td></td><td></td><td></td><td>E</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> County <u>Canyon</u> Subdivision Name _____ Lot No. _____ Block No. _____ SW ¼ NE ¼ Sec. 11 T. 3N R. 4W E ¼		N					W				E																																																																																																																																																															
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		10. Work started _____ finished _____																																																																																																																																																																								
		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. <u>PETE COPE DRILLING CO., INC.</u> Firm Name _____ Firm No. _____ Address _____ Date _____ Signed by (Firm Official) _____ and (Operator) _____																																																																																																																																																																								

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CASING SCHEDULE - CROOKHAM COMPANY

Department of Water Resources
Western Regional Office

16" x .250 Casing

+18"	-	175'	-	176' C
205'	-	294'	-	89' C
314'	-	694'	-	380' C
714'	-	736'	-	22' C
746'	-	754'	-	8' C
764'	-	774'	-	<u>10' C</u>

685' C

16" Roscoe Moss Screens

175'	-	205'	-	30' S
294'	-	314'	-	20' S
694'	-	714'	-	20' S
736'	-	746'	-	10' S
754'	-	764'	-	<u>10' S</u>

90' S

63-90-W-0092

3N 04W Sec 11

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831485

Form 238-7
6/07IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0042241

Drilling Permit No. **887509-831485**Water right or injection well # **63-11101**

2. OWNER

Name **Crookham Co.**Address **PO Box 520**City **Caldwell**State **ID**Zip **83605**

3. WELL LOCATION:

Twp. **3** North ☒ or South ☐ Rge. **4** East ☐ or West ☒Sec. **11** SE 1/4 SW 1/4 NE 1/4
10 acres 40 acres 160 acresGov't Lot _____ County **Canyon**

Lat. _____ (Deg. and Decimal minutes)

Long. _____ (Deg. and Decimal minutes)

Address of Well Site **NE Corner of Pride Lane & Darrow**City **Huston**

Block at least one of front or back or corner of lot

Lot _____ Blk _____

Sub. Name **Seed Farm**

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☐ New Well ☒ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	18'	32 Bags	Overbore
Bentonite				
Grout	0	117'	42 Bags	Tremmie

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
16"	+2'	18'	.250	Steel	☒	☐	☐	☒
8"	+2'	142'	.508	PVC	☐	☒	☒	☐

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type **Johnson Stainless #304**

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
142'	315'	.025		8"	SS	

Length of Headpipe **0** Length of Tailpipe **0**Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
12/20 Sand	117'	315'	6.5 Yds.	Tremmie

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) **102'** Static water level (ft) **29'**Water temp. (°F) **60.7 F** Bottom hole temp. (°F) **64.4 F**Describe access port **Temporary Steel Cover**

Well test:

Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
53.5'	390 gpm	7 Hrs.	☒	☐	☐	☐

Water Quality test or comments: **pH=7.5; Cond. = 204uS, Clear No Sand**

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water Y	N
24	0	2	Gravel Fill		X
24	2	18	Brown Clay		X
15	18	22	Brown Clay with Gravel		X
15	22	46	Brown Clay with Sandstone		X
15	46	51	Baked Tan Clay		X
15	51	57	Sticky Tan Clay		X
15	57	77	Tan Clay with Imbedded Sand		X
15	77	95	Tan Clay with Sandstone		X
15	95	102	Sandy Tan Clay		X
15	102	106	Gravel	X	
15	106	123	Sticky Tan Clay		X
15	123	135	Coarse Brown Sand	X	
15	135	136	Sticky Tan Clay		X
15	136	149	Sticky Blue Clay		X
15	149	162	Fine Black Sand	X	
15	162	173	Cemented Sand	X	
15	173	214	Sticky Blue Clay		X
15	214	222	Fine Black Sand	X	
15	222	236	Sticky Blue Clay		X
15	236	241	Fine Black Sand	X	
15	241	250	Sticky Blue Clay		X
15	250	258	Fine Black Sand	X	
15	258	266	Sticky Blue Clay		X
15	266	270	Fine Black Sand	X	
15	270	274	Sticky Blue Clay		X
15	274	281	Blue Clay with Gravel		X
15	281	313	Sticky Blue Clay		X
15	313	315	Fine Black Sand	X	
15	315		Blue Clay		X

Completed Depth (Measurable) _____

315'

Date Started **4/4/2005**Completed **6/17/2005**

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **Treasure Valley Drilling**Co. No. **560***Principal Driller _____ Date **6/20/2005***Driller _____ Date **6/20/2005**

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

A5

Attachment #7a

Attachment B
2 Pgs

