

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9128

Exam Date: 9/10/2007

1. Current Owner: POST FALLS BAPTIST CHURCH
PO BOX 517
POST FALLS ID 83854
(208)773-5870
2. Accompanied by: BILL HOMENSTREET
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: PASTOR

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE¼SW¼ Sec. 25, Twp 51N, Rge 05W, B.M. KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N 05W 25												9.5					9.5

Total Acres: 9.5

Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

Well or Diversion

<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
00022200	ROBCO	20	J/K	ROBCO	~~20~~ J/K
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS					
WATER RIGHT No.			95-9128		
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = HP*8.8*Eff/H	20	368.7755102	0.78	230	60
Q = 0.373 cfs 167.3 gpm					

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 9.5 \times 3 = 28.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .2 \times 246 \times 1.9835 = 97.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 28.5 \text{ AF}$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

THIS SYSTEM USES GROUNDWATER FOR IRRIGATION. THE PERMIT IS FOR IRRIGATION OF 10 ACRES AND COMMERCIAL USE FOR A CHURCH. DURING THE FIELD EXAM THE CHURCH HAS NOT BEEN BUILT YET SO THERE IS NO COMMERCIAL USE. THE IRRIGATION OF 10 ACRES IS OK DUE TO THE IRRIGATION PIPE AND THE IRRIGATION HOOKUPS EVERY 50 FEET ALONG THE EDGE OF THE PROPERTY. THE WELL TAG ON THE WELL IS #D0022200.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. 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 11/15	0.200 CFS	28.50 AF
<u>Totals:</u>		0.200 CFS	28.50 AF

2. Recommended Amendments

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

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name

Date

11-30-07

Reviewer

Date

12/3/07

UNITED PIPE & SUPPLY CO., INC.

PROJECT: POST FALLS BAPTIST
 BID NO. 5127774
 25/254

9/23/03
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ITEM NO.	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
118872	5	5LHE 4.58 ROBCO ADD A STG PUMP	EA	→ 6 STAGE 120 GPM 20 HP PUMP
118871	1	5LHE 4.58 1STG ROB CO 6" PUMP 6" MOTOR, 4.58 IMPELLER	EA	
024359	1	20H 6" 3W 460V-3 FR SUB MTR	EA	20 HP 460V MOTOR
102114	1	8X3" PAC/HYDRO STEEL WELL SEAL	EA	
013063	1	3" GALVANIZED TEE -(@ T.O.J.)	EA	
030449	2	80DI 3" FLOM D/I CHECK VALVE	EA	
025744	500'	8/3-WG 500' FLAT PVC SUB CABLE -SOLD IN 500' ROLLS ONLY	M	
013559	273'	3" T&C GALVANIZED PIPE	C	

★★ @ 265 FEET - 120 GPM @ 60 PSI ★★

78% EFFICIENT

18 HP DRAW ON MOTOR

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IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only		
Inspected by _____		
Twp _____	Rge _____	Sec _____
1/4 1/4 1/4		
Lat: : : Long: : :		

1. WELL TAG NO. D22200

DRILLING PERMIT N _____

Other IDWR No _____

2. OWNER:Name **Post Falls Baptist Church**Address **PO Box 517**City **Post Falls**State **ID**Zip **83854****3. LOCATION OF WELL by legal description:**

N				Twp	51N	North	✓	or	South
				Rge	05W	East		or	West
				Sec	25	1/4	SE	1/4	SW
				10 Ac 40 Ac 160 Ac					
				Gov't Lot	County Kootenai				
				Lat	Long				
S				Address of Well Site: (see next line)					

Corner of Poleline & Cecil Road

City **Post Falls**Lot **60**

Blk _____

Sub. Name (see next line)

Post Falls Irrigated Tracts

4. USE:

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

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

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			Amount	Method
Material	From	To	Sacks/Lbs	
Bentonite	0	60	22 sacks	dry pour

Drive Shoe Used? ☒ Y ☐ N Shoe Depth(s) **279'**Drive Shoe Seal Tested? ☐ Y ☒ N How? _____**8. CASING/LINER**

Diam	From	To	Gauge	Material	Casing	Liner	Weld	Thrded
8"	+1	279	0.322	Steel	☒		☒	

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS☐ Perforations?

Method _____

☐ Screens?

Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casing	Liner

10. STATIC WATER LEVEL or ARTESIAN PRESSURE**230** ft. below ground. Artesian pressure _____ lbDepth flow encountered **230** ft. Describe access port orcontrol devices: **Well cap bolted****11. WELL TESTS:**

Pump _____

Bailer _____

☒ Air

Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
300 GPM	100%	279	1 hr.
estimated			

Water Temp. _____ cold _____ Bottom hole temp. _____ cold

Water Quality test or comments: (below) Depth first Water Encountered **230**
clear & clean**12. LITHOLOGIC LOG (Describe repairs or abandonment)**

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
				Y	N
12	0	20	Cemented gravel & clay		☒
8	20	125	Cemented gravel & clay		☒
8	125	237	Gravel - 1/2" minus with clay mix		☒
8	237	262	Gravel - 1/2" minus with pea gravel	☒	
8	262	279	Gravel - 3/4" minus with clay mix	☒	

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Completed Depth **279** (Measurable)Date: Started **4/22/02** Completed **4/23/02****13. DRILLERS CERTIFICATION**

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

Firm **United Drilling Inc.**Firm No **414**

Name _____

Firm Official
and _____Date **4/23/02**Supervisor or Operator **Timothy R. Volking**Date **4/23/02**

Navigation Tools

Receipt Details for N014945

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Status	Adjustment Type	Version
		1

General Information

Date Received	Date Deposited	Region	Total Amount	Payment Type
4/11/2002 2:47:14 PM	4/12/2002 1:23:47 PM	NORTHERN	\$200.00	Check
Payer	UNITED DRILLING			

Account Information:

Check Number:	4803
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Comment Tag No. D22200 for Post Falls Baptist Church

Fee Details:

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$200.00	DRILLING TAGS	65134	0229	21		1205

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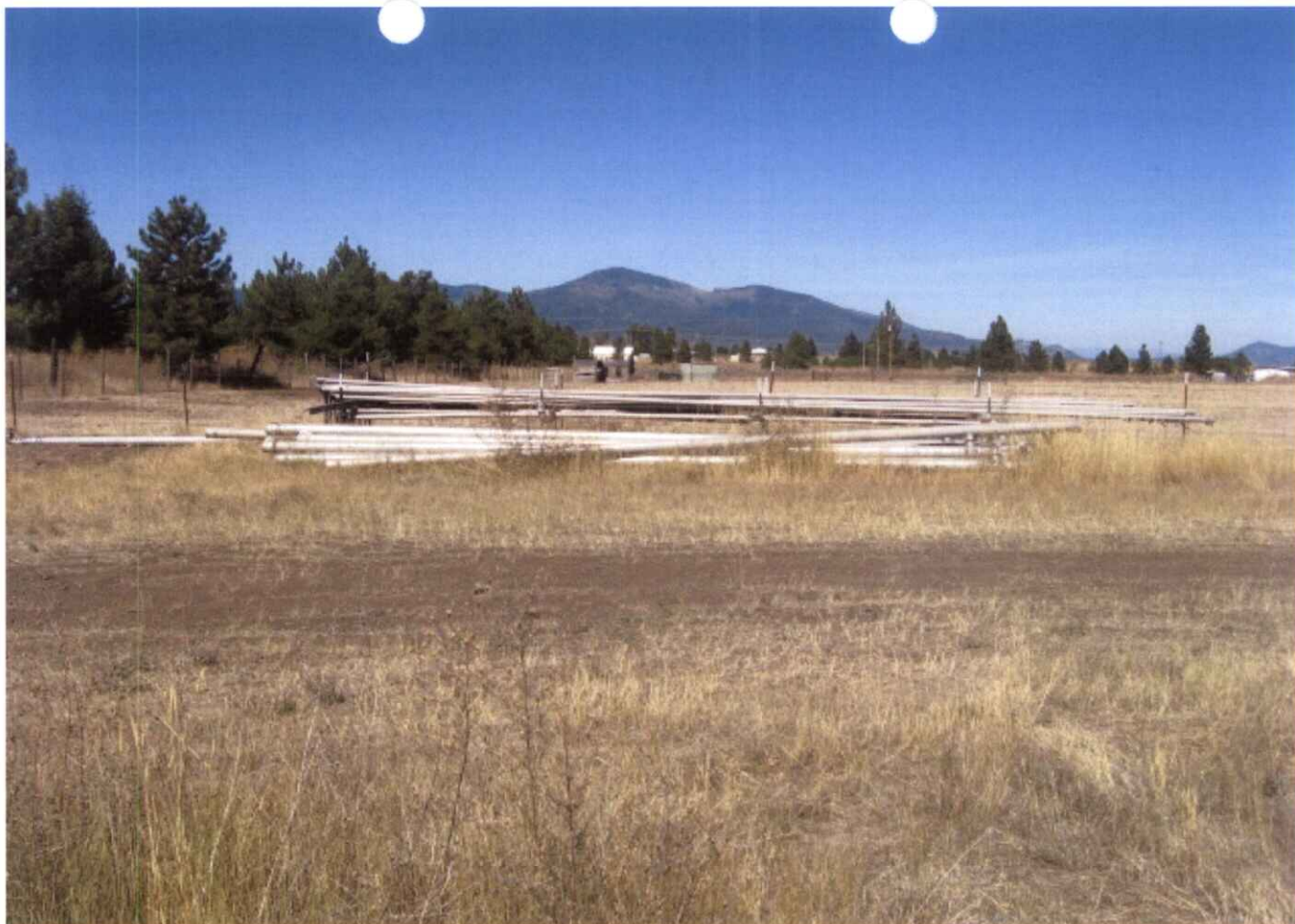
-  Administrative BasinsAdminbas.shp
-  Township/Range
-  Sections
-  QQ
-  Right POD
-  Pou.shp





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IRRIGATION HOOK UP



IRRIGATION HOOK UPS
EVERY 50 FT ALONG PR...



IRRIGATION PIPE



PLACE OF USE 1



PLACE OF USE 2



POINT OF DIVERSION



SYSTEM 1



SYSTEM 2



SYSTEM RUNNING

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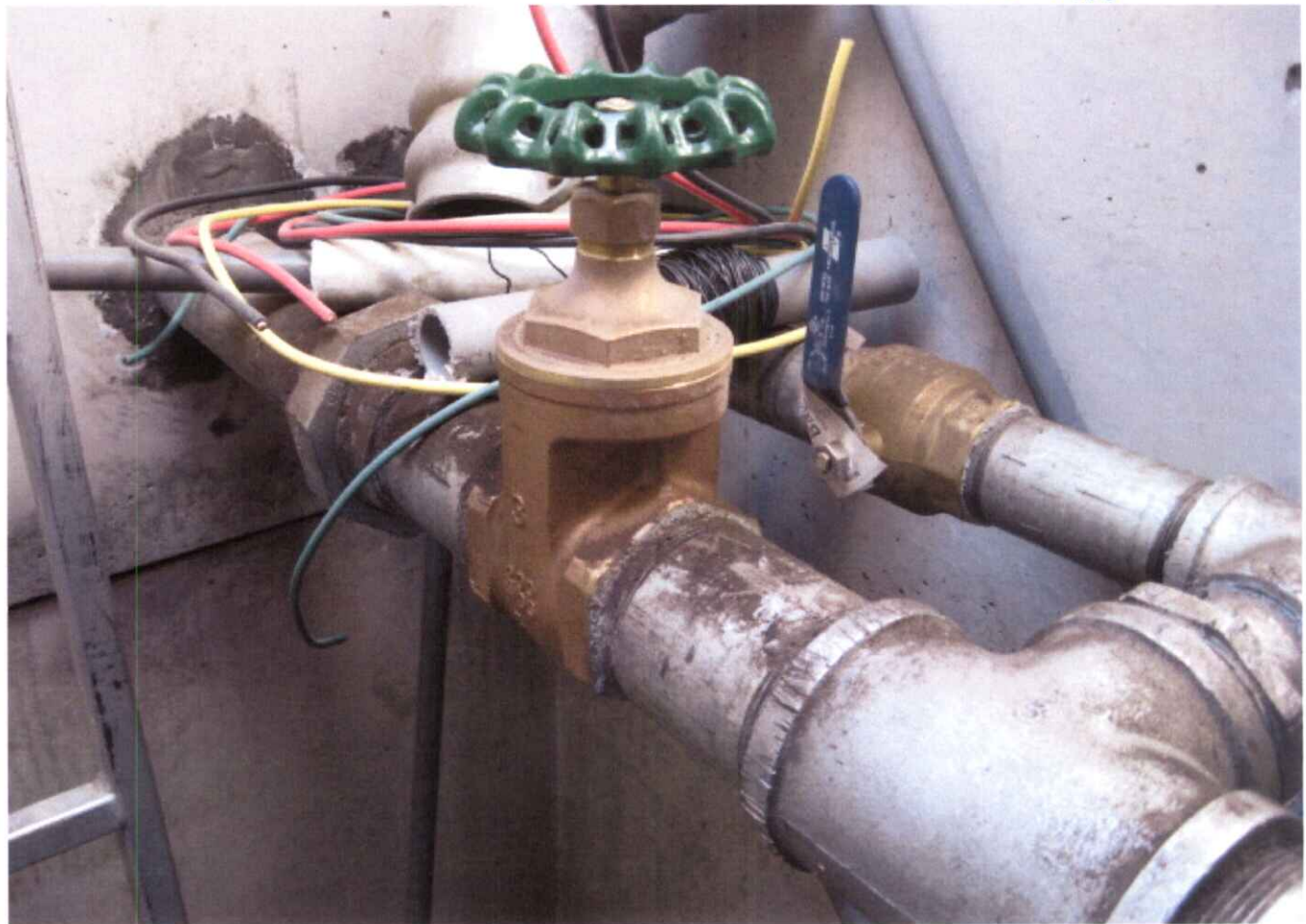


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