

Stimson Lumber Company
Plummer, Id.
Water Wells

IDAHO Department of Water Resources



IDWR offices are open to the public and following the CDC guidelines for wearing masks and observing social distancing. For in-person visits, we encourage you to [call ahead for an appointment](#).

WATER RIGHT REPORT

9/28/2020

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report

WATER RIGHT NO. 95-8583

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	STIMSON LUMBER CO 732 10TH ST PLUMMER, ID 83851 2086869080
Attorney	CHRIS M BROMLEY MC HUGH BROMLEY PLLC 380 S 4TH ST STE 103 BOISE, ID 83702 2082870991
Original Owner	PACIFIC CROWN TIMBER PRODUCTS INC PO BOX 189 PLUMMER, ID 83851 2086861316

Priority Date: 05/21/1988

Basis: License

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
INDUSTRIAL	1/01	12/31	0.2 CFS	34.4 AFA
Total Diversion			0.2 CFS	34.4 AFA

Location of Point(s) of Diversion:

GROUND WATER SWNW Sec. 18 Township 46N Range 04W BENEWAH County

GROUND WATER NESW Sec. 18 Township 46N Range 04W BENEWAH County

GROUND WATER NWSW Sec. 18 Township 46N Range 04W BENEWAH County

Licensed Diversion Capacity: 0.67

Place(s) of use:

Place of Use Legal Description: INDUSTRIAL BENEWAH County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
46N	04W	18		SWNW			SENE							
				NESW			NWSW			SWSW				

Conditions of Approval:

1. Industrial use is for a sawmill cooling system and restroom facilities.

Dates:

Licensed Date: 05/17/1993

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number: TBD

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

9/28/2020

Water Right Report

Cary Act Number:

Mitigation Plan: False

IDAHO Department of Water Resources



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WATER RIGHT REPORT

9/28/2020

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report

WATER RIGHT NO. 95-8691

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	STIMSON LUMBER CO 732 10TH ST PLUMMER, ID 83851 2086869080
Attorney	CHRIS M BROMLEY MC HUGH BROMLEY PLLC 380 S 4TH ST STE 103 BOISE, ID 83702 2082870991
Original Owner	PACIFIC CROWN TIMBER PRODUCTS INC PO BOX 189 PLUMMER, ID 83851 2086861316

Priority Date: 04/17/1991

Basis: License

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
INDUSTRIAL	1/01	12/31	0.2 CFS	144.8 AFA
Total Diversion			0.2 CFS	144.8 AFA

Location of Point(s) of Diversion:

GROUND WATER SWNW Sec. 18 Township 46N Range 04W BENEWAH County

GROUND WATER NESW Sec. 18 Township 46N Range 04W BENEWAH County

GROUND WATER NWSW Sec. 18 Township 46N Range 04W BENEWAH County

Licensed Diversion Capacity: 0.2

Place(s) of use:

Place of Use Legal Description: INDUSTRIAL BENEWAH County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
46N	04W	18		SWNW			SEnw							
				NESW			NWSW			SWSW				

Conditions of Approval:

1. R08 Return flow discharged to a surface water system shall meet Idaho Water Quality Standards.
2. Industrial use is for cooling water for dehumidification kilns.

Dates:

Licensed Date: 11/01/1996

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number: TBD

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

9/28/2020

Water Right Report

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Plummer Water Wells

Plummer currently has eight wells in operation. Multiple wells on the plant site are sitting idle not in use. The map below pictures all locatable well locations on the plant site. The red dots represent wells that are currently in use. The Yellow dots represent wells that are on site but not in use. The blue dots are wells that are on site; however, we believe they belong to the city.



Please see the following pictures and descriptions of the wells on site:

Description: Truck Shop Well

Drilling Permit No. 753464

Well Tag No. NONE

Well ID # 273686

Water Right # 95-8691

Receipt # N006343

Approved Date : 03/05/1993

Hyperlink: <S:\Water & Wells\Water\Wells\Truck Shop Well.pdf>

Location: Main entrance of plant, south of main office, on northeast corner of truck shop

Use: Fill Water Truck(s) for dust abatement



Truck Shop

Printed 04/20/2006
Drilling Permit No. 753464
Well Tag No.
Well ID # 273686
Water Right No. 95-8691
Receipt # N006343
Approved Date 03/05/1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT

Relationship: Owner/Operator
Name: PACIFIC CROWN TIMBER PRODUCTS INC.
Address: PO BOX 189
PLUMMER ID 83851

Phone: (208)686-1316

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, NE, SW
COUNTY BENEWAH Block 064 Sub Name CITY OF PLUMMER

Street Address of Well Site: S HWY 95
PLUMMER ID

Proposed Use of Well: Industrial

Well Construction Information:

- A. New Well
B. Proposed Surface Diameter: 10 inches Proposed Depth 700 Feet
C. Anticipated Bottom Hole Temperature:

Construction Start Date: Mar 05 1993

Anticipated Well Drilling Company: J & J DRILLING INC (No. 319)

Applicant's Signature: _____ Date: _____

Title: _____

Well ID # 273686

Well Tag No. .

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Friday, March 05, 1993.

Signature of Authorized Dept Representative

Title

Figure 2.10

✓ USE TYPEWRITER OR
BALLPOINT PEN

By office - 8500

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.

401

Highest

OK

set pump heap

TRUCK SHOP



ADDRESS _____

CITY	STATE	ZIP
------	-------	-----

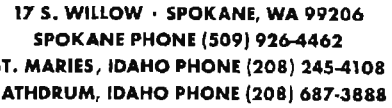
WELL DIA. 8 DEPTH 100' YIELD (350) to 100

17 S. WILLOW - SPOKANE, WA 99206
SPOKANE PHONE (509) 926-4462
ST. MARIES, IDAHO PHONE (208) 245-4108
RATHDRUM, IDAHO PHONE (208) 687-3888

DATE 4-29- 2006

[illegible]

1841



YIELD

DATE 4-28 2004

QTY.	ITEM	LIST/LABOR	CHARGE
4-	Symcon 777KW HP 777-overload 20 to 50 amps	2209 ²⁵	1877.82
	OVER Load		

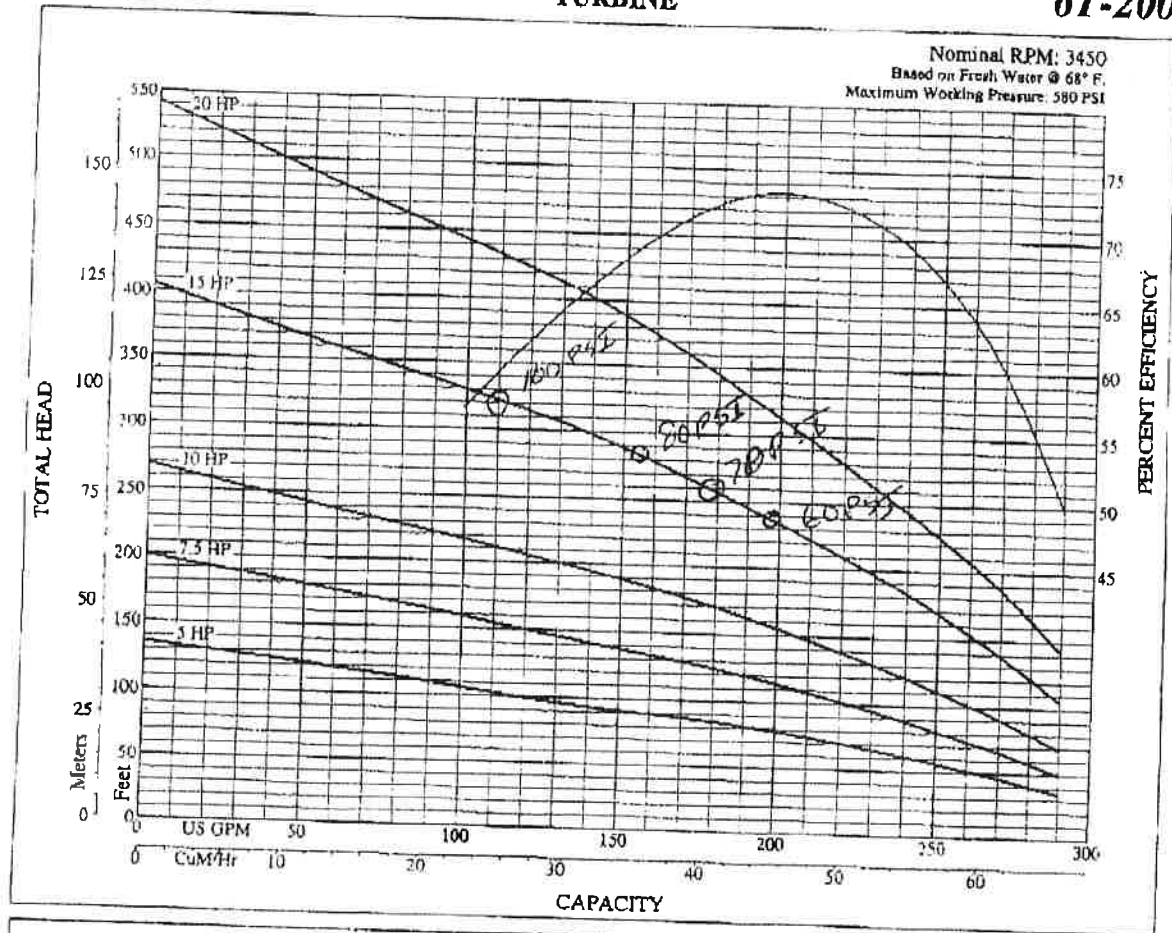
112	67
1990	49

Plummer



**SUBMERSIBLE
TURBINE**

6T-200



OUTLINE DIMENSIONS / WEIGHTS

HP	stages	Motor size	P length	M* length	MD* dia.	Mtr. wt.	Pump wt.
5	2	6"	23.98	25.44	5.38	105	76
7.5	3	6"	28.98	28.00	5.38	120	95
10	4	6"	33.98	30.56	5.38	135	115
15	6	6"	43.98	33.13	5.38	146	154
20	8	6"	53.98	30.56	5.38	135	193

Note: dimensions = inches; weight = U.S. lbs.

M* Maximum length (Franklin Electric Motor)
MD* Motor diameter (Franklin Electric Motor)

SPECIFICATIONS

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	95 - 290 GPM
Discharge	3" F NPT

See manufacturer's data for motor cooling requirements

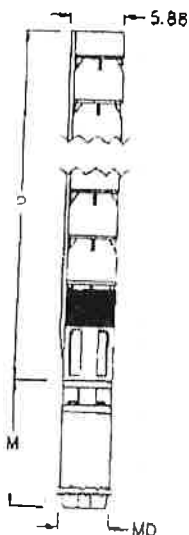
SUPERSEDES

All Previous

Date 04/15/96

Section **ST**

Page 13.01



2-10-7
1-82



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

By office - 8/26/93

1. WELL OWNER

Name Pacific Crown Lumber
Address P.O. Box 189 Plummer, ID. 83851
Owner's Permit No. 95-93-N39 (195-55071)

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☒ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other
Thickness .250 inches Diameter 8 inches From 1 feet To 39 feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
perforations _____ feet _____ feet
perforations _____ feet _____ feet
perforations _____ feet _____ feet
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 20+ Material used in seal: ☐ 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 Opening

7. WATER LEVEL

Static water level 20 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artisan closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☒ Cap ☐ Plug
Temperature _____ of Quality Good
Describe stratum or temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Bailor ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
Approx. 350-G.P.M.		

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	0	6	Cobble-boulders		X
	6	30	Basalt-fract. w/clay-brn.		X
	30	59	Basalt-med. w/fract.		X
	59	63	Basalt-fract.w/clay-brn.		X
	63	76	Basalt-hard		X
	76	88	Basalt-hard w/fract.		X
	88	97	Latern-water-approx.	X	
			350-G.P.M.		
	97	100	Basalt-med.		X

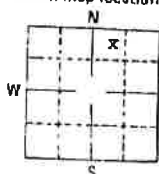
set pump deep

10.

Work started 3/15/93 finished 3/17/93

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Benevolence

NW 1/4 NE 1/4 Sec. 18 T. 46N N/S, R. 4W E/W

11. DRILLERS CERTIFICATION

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

Firm Name J & J DRILLING INC Firm No. 319

Address 5613 Linko Rd. Date 3/22/1993
Greenacres, WA 99016

Signed by (Firm Official) _____

and
(Operator) _____

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Description: Chip Bin Well

Drilling Permit No. 799859

Well Tag No: D0028276

Well ID # 370778

Water Right No. 95-8583

Receipt # N015540

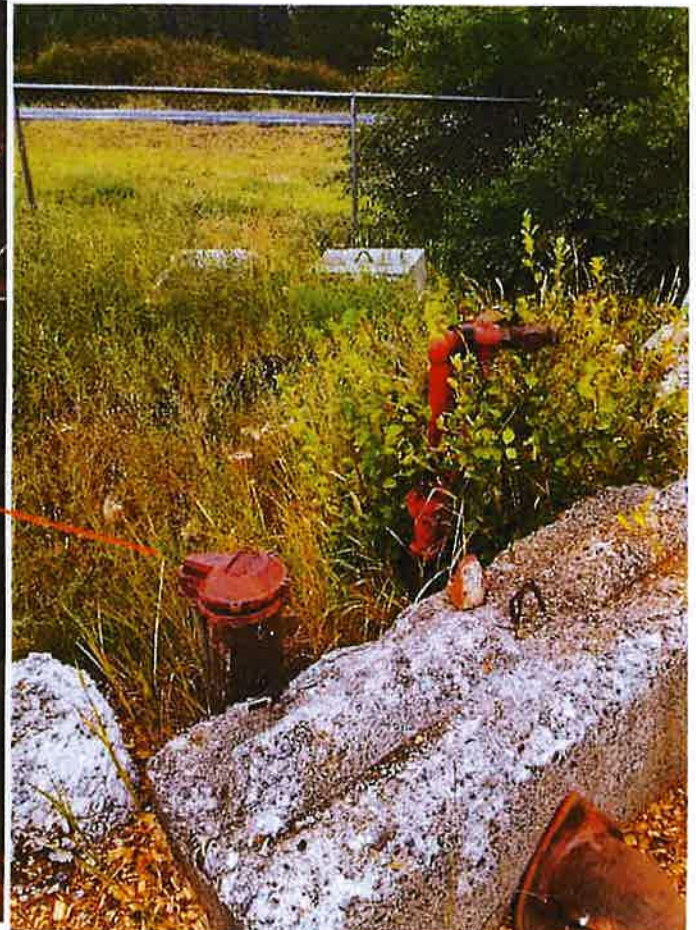
Approved Date 4/29/2003

Hyperlink: <S:\Water & Wells\Water\Wells\Chip Bin Well.pdf>

Location: Chip Bin Entrance of Plant, North East of chip bins, South of Parking Lot, near highway

Use: Cogen cooling tower well.

Pic:



Chip Bin

Printed 04/20/2006
Drilling Permit No. 799859
Well Tag No. D0028276
Well ID # 370778
Water Right No. 95-8583
Receipt # N015540
Approved Date 04/29/2003

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC
Address: PO BOX 759
PLUMMER ID 83851

Phone: (208) 686-9080

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95
PLUMMER ID

Proposed Use of Well: Test

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 8 Inches. Proposed Depth: Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Apr 29 2003

Anticipated Well Drilling Company: BRONSON WATER WELLS (No. 360)

Applicant's Signature: _____ Date: _____

Title: _____

Well ID # 37Q778.

Well Tag No. D0028276

ACTION OF THE DEPARTMENT OF WATER RESOURCES.

This permit is Approved on Tuesday, April 29, 2003.

Signature of Authorized Dept Representative.

Title

Well by chip Bin

Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0028276

DRILLING PERMIT NO.

Water Right or Injection Well No. 95-8583

well #1

2. OWNER:

Name Plummer Forest Products INC

Address P.O. Box 759

City Plummer State ID Zip 83851

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub or Directions to well.

Twp. 46 North ☒ or South ☐Rge 4 East ☐ or West ☒

Sec 18 1/4 NW 1/4 SW 1/4

Gov't Lot 18 NW 1/4 SW 1/4

Lat: : : Long: : : County Benewah

Address of Well Site HWY 95

City Plummer

LL: Blk: Sub, Name:

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other log yard
cooling water kilns

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 Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	63	1,100 lbs	surface pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 130 ftWas drive shoe seal tested? ☒ Y ☐ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Uter	Welded	Threaded
6	+2 1/2	130	250	steel	☒	☐	☒	☐

Length of Headpipe

Length of Tailpipe

Packer ☒ Y ☐ N Type shale trap 63 ft

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method torch

Screen Type & Method of Installation

From	To	Shot Size	Number	Diameter	Material	Casing	Uter
110	130	1/2 x 5	90	6	steel	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
-----------------	------	----	-----------------	------------------

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

8 1/2 ft. below ground Artesian pressure lb.

Depth flow encountered ft. Describe access port or control devices:

cap

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat:	:	Long:	:

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
70		125	2hr

Water Temp. cold

Bottom hole temp.

Water Quality test or comments: clear

Depth first Water Encounter 50

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Start	From	To	Remarks: Lithology, Water Quality & Temperature	Water
Di	Di			Y N
10	0	5	Basalt rubble	
	5	18	black clay&silt	
	18	49	tan silty clay, sand, and some gravel	
	49	63	tan clay&basalt gravel	x
	63	81	firm black basalt	
	81	84	fractured black basalt	x
	84	130	hard black basalt	

Completed Depth 130 ft (Measurable)

Date: Started 4/29 Completed 5/2/03

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 Bronson Water Wells Firm No. 360

Principal Driller Chip Bronson Date 5/15/03

and Driller or Operator II Date

Operator I Date

Principal Driller and Rig Operator Required
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

COPY

**IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT**

Office Use Only
Well ID No. _____
Inspected by _____
Twp _____ Age _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

1. WELL TAG NO. D 0028276
DRILLING PERMIT NO. _____
Water Right or Injection Well No. 95-8583
well #1

2. OWNER:
Name Plummer Forest Products INC
Address P.O. Box 759
City Plummer State ID Zip 83851

3. LOCATION OF WELL by legal description:
You must provide address or Lot, BK, Sub. or Directions to well.
Twp. 46 North ☒ or South ☐
Rgn. 4 East ☐ or West ☒
Sec. 18 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County Bonewah
Lat: _____ Long: _____
Address of Well Site HWY 95 City Plummer
Lt. _____ BK. _____ Sub. Name _____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other log yard
cooling water kilns

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 Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	63	1,100 lbs	surface pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 130 ft
Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Grade	Material	Casing	Liner	Welded	Threaded
6	+24	130	250	steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☒ Y ☐ N Type shale trap 63 ft

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method torch
Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
110	130	4x5	90	6	steel	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
8 1/2 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control device: C&O

12. WELL TESTS:

☐ Pump	☐ Baller	☒ Air	☐ Flowing Artesian
Yield gal/min	Drawdown	Pumping Level	Time
70		125	2hr

Water Temp. cold Bottom hole temp. _____
Water Quality test or comments: clear

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

(Previous Repairs or Abandonment)			Water		
Wm. Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
70	0	5	Basalt rubble		
	5	18	black clay&silt		
	18	49	tan silty clay, sand, and some gravel		
	49	63	tan clay&basalt gravel	x	
	63	81	firm black basalt		
	81	84	fractured black basalt	x	
	84	130	hard black basalt		
Completed Depth 130 ft (Measurable)					
Date Started 4/29 Completed 5/2/03					
Dredging Operation					

Completed Depth 130 ft (Measurable)
Date: Started 4/29 Completed 5/2/03

14. DRILLER'S CERTIFICATION

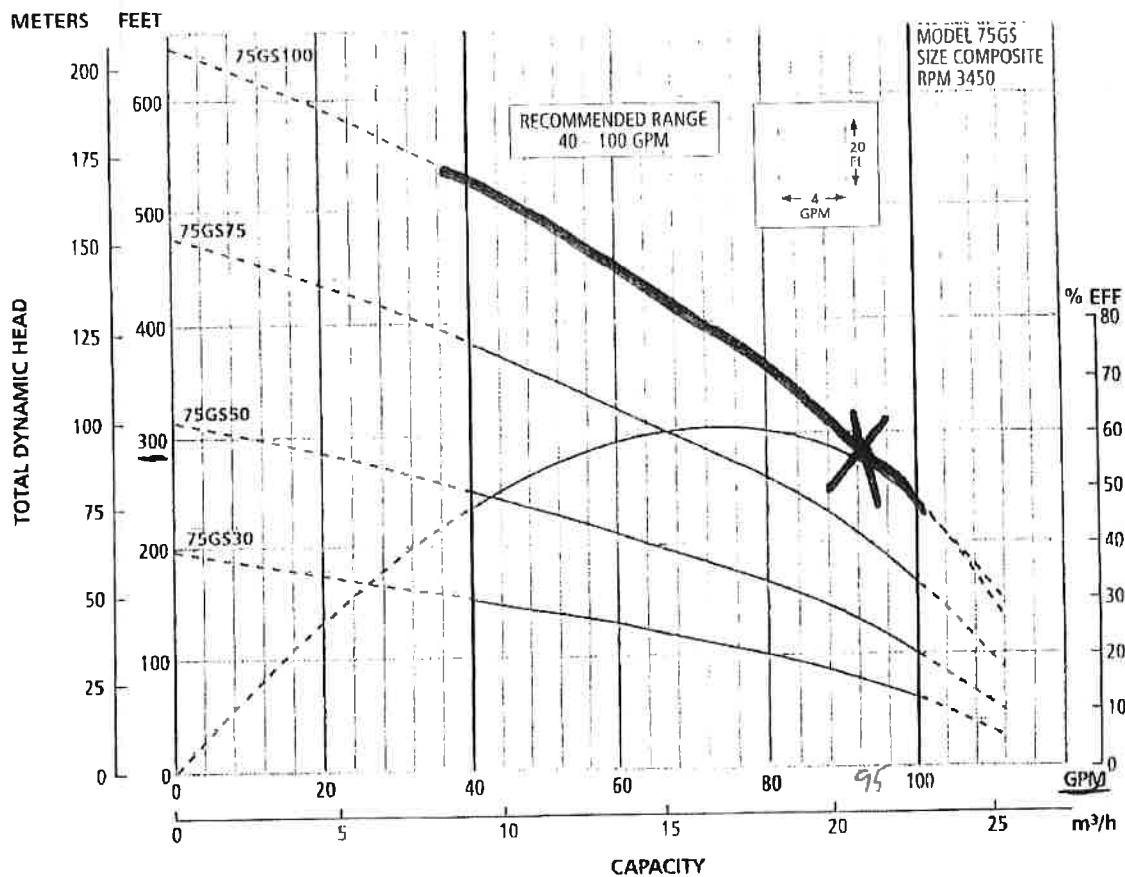
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Bronson Water Wells Firm No. 360
Principal Driller and Operator I _____ Date 5/15/03
Operator II _____ Date _____
Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II

FORWARD WHITE COPY TO WATER RESOURCES

Model 75GS

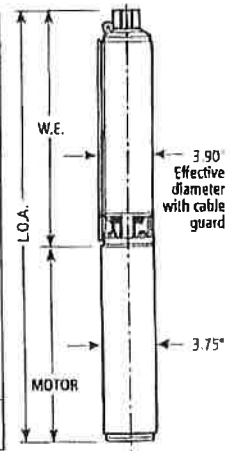
GOULDS PUMPS



DIMENSIONS AND WEIGHTS

HP	Stages	W.E. Order No.	Motor Order No.	PH	Motor Volts	Motor Length	W.E. ① Length	L.O.A. ②	W.E. and Motor Weight
3	7	75GS30	S09940	1	230	19.1	24.1	43.2	55
			S09978	3	200	16.1	24.1	40.2	49
			S09970		230				
			S09975		460				
			S09979		575				
5	11	75GS50	S10940	1	230	28.2	34.8	63.0	80
			S10978	3	200	22.2	34.8	57.0	64
			S10970		230				
			S10975		460				
			S10979		575				
7½	16	75GS75	S119784	3	200	28.2	48.2	76.4	88
			S119704		230				
			S119754		460				
			S119794		575				
10	21	75GS100	S129724	3	460	30.4	63.0	93.4	102
			S129794		575				

DISCHARGE 2" NPT



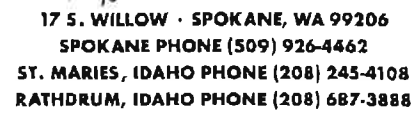
NOTES:

For complete pump, order water end and motor.

① W.E. = water end or pump without motor.

② L.O.A. = length of assembly - complete pump - water end and motor.

14543



DATE 6-20 200

QTY.	ITEM	LIST/LABOR	CHARGE
	Gould 40G550434 460 volt 3Ø		
	5hp motor		
-	105'x2" Galv Drop pipe - 1 2" p.f.fed		
	1-6" sealed cap 120'x 10-3 Jacketed wire		3298.88
	5/4 00028276		

If using credit card for payment, add 4.5%.
TERMS: NET 10 DAYS FROM INVOICE DATE.
 A finance charge of 1 1/2% (21% corresponding annual percentage rate, \$1.00 minimum) will be charged on all unpaid accounts.

	SUBTOTAL	2530	88
	PUMP TRUCK/LABOR	769	00
	SUBTOTAL	3298	88
	S. SALES TAX	131.85	75
	TOTAL	3430.73	63

Form 298-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0028276

DRILLING PERMIT NO.

Water Right or Injection Well No. 95-8583

2. OWNER:

Name Plummer Forest Products INCAddress P.O. Box 759City Plummer State ID Zip 83851

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk. Sub. or Directions to well.

Twp. 46 North ☒ or South ☐Rge. 4 East ☐ or West ☒Sec. 18 1/4 NW 1/4 SW 1/4Gov't Lot _____ County Benevolence

Lat: _____ Long: _____

Address of Well Site HWY 95City Plummer

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic☐ Municipal☐ Monitor☐ Irrigation☒ Thermal☐ Injection☒ Other log yardcooling water kilns

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 Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	63	1,100 lbs	surface pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 130 ftWas drive shoe seal tested? ☒ Y ☐ N How?

8. CASING/LINER:

Diameter	From	To	Depth	Material	Casing	Liner	Welded	Threaded
6	+2 1/2	130	250	steel	☒	☐	☒	☐

Length of Headpipe

Length of Tailpipe

Packer ☒ Y ☐ N Type shale trap 63 ft

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method torch

Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
110	130	1/2 x 5	90	6	steel	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
-----------------	------	----	-----------------	------------------

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

8 1/2 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control device:

cap

Office Use Only		
Well ID No.		
Inspected by		
Twp	Rge	Sec
1/4	1/4	1/4
Lat	Long	

12. WELL TESTS:

☐ Pump ☐ Bailor☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
70		125	2hr

Water Temp. cold

Bottom hole temp.

Water Quality test or comments: clearDepth first Water Encounter 50

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water
10	0	5	Basalt rubble	
	5	18	black clay&silt	
	18	49	tan silty clay, sand, and some gravel	
	49	63	tan clay&basalt gravel	x
	63	81	firm black basalt	
	81	84	fractured black basalt	x
	84	130	hard black basalt	

Completed Depth 130 ft

(Measurable)

Date: Started 4/29Completed 5/2/03

14. DRILLER'S CERTIFICATION

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

Company Name Bronson Water Wells Firm No. 360Principal Driller Chick Bronson Date 5/15/03

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES



17 S. WILLOW - SPOKANE, WA 99206
WA State Cont. Lic. AAAPU11705
WA State Elec. Lic. AAAPUS11440J
ID State Cont. Lic. 4216AA-1-4(46)
ID State Elec. Lic. C-03142-P
SPOKANE PHONE (509) 926-4462/FAX 926-6216
ST. MARIES, IDAHO PHONE (208) 245-4108
RATHDRUM, IDAHO PHONE (208) 687-3888

Sawmill Sorter Well BID PROPOSAL

Date 6-9-03

Power Co. _____ County _____

Galvanized Drop Pipe _____ 105'

VISC Loss _____

Ditch Pipe Elev. _____

VISC Loss Ditch Pipe _____

Pressure Length 60 _____ 138

TDH 400 _____ 142

Well I.D. 6" Depth 130 Screen _____

GPM _____ PVC _____ Static 14

Customer Plummer Forest Products -

Res Ph # 206 659-5525 Work # _____ FAX # _____

Billing Address _____

City _____ State _____ Zip _____

Site Address Doo 28276

City _____ State well Dig Zip _____

406550 Goulds 242' - 50 GPM
5 hp 3 ph 480
105' x 2" Galv pipe
1 2" check valves
1 2" pitless
1 6" cap
120' x 10-3 Sackel wire
1194.00
1052.00
319.00
60.00
810.00
3450.00
108.00

Wire 707 at 3' well

Less 15%
2 men 1 day
2530.88
768
3298.88

(14.5 seconds 50 gallons)
Sat pump + test
2000 gpm
Left
9 AM
Back 4:30

306' of wire
13 pieces 3" galvanized
2-3" check valves
O-Ring 3" mass pitless

406675 Goulds - 242' x 65
7 1/2 motor - 480

105' x 2" Galv Drop pipe
1 2" check valve
1 2" pitless
1 6" sealed cap
120' x 10-3 Sackel

start static 88'
Static drop
slowed at 91'

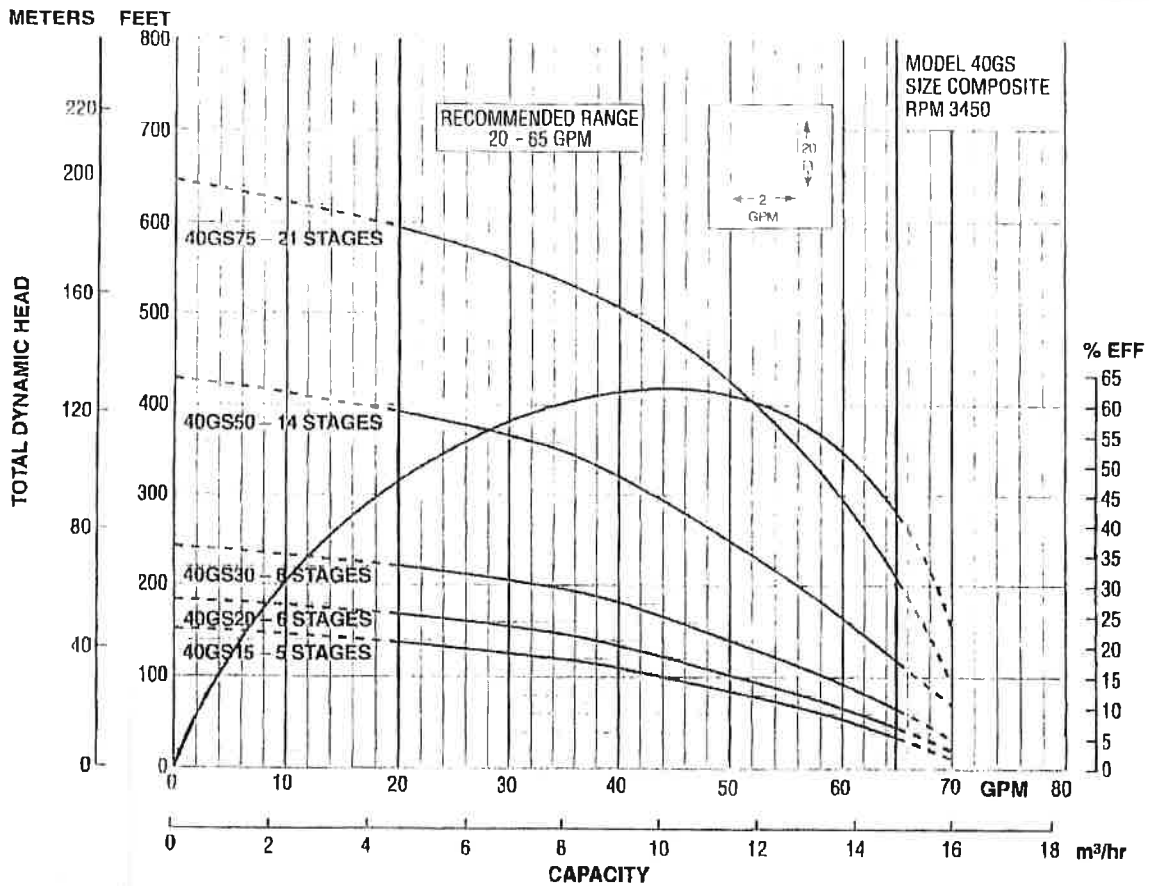
1782.00
1419.00
319
60
810.00
3450
108.00

Pump Ran at
220 5 amps
open discharge

Less 15%
2 men 1 day
3342.63
768
4110.63

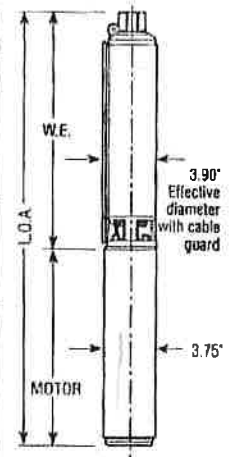
Model 40GS

GOULDS PUMPS



DIMENSIONS AND WEIGHTS

HP	Stages	W.E. Order No.	Motor Order No.	PH	Motor Volts	Motor Length	W.E. ① Length	L.O.A. ②	W.E. and Motor Weight
1½	5	40GS15	S07940	1	230	13.6	13.0	26.6	35.5
			S07978		200				
			S07970	3	230	11.8	13.0	24.8	30.5
			S07975		460				
			S07979*		575				
2	6	40GS20	S08940	1	230	15.1	14.2	29.3	37.1
			S08978		200				
			S08970	3	230	13.6	14.2	27.8	35.1
			S08975		460				
			S08979		575				
3	8	40GS30	S09940	1	230	23.5	16.6	40.1	61.4
			S09978		200				
			S09970	3	230	20.6	16.6	37.2	52.4
			S09975		460				
			S09979		575				
5	14	40GS50	S10940	1	230	29.5	24.0	53.5	82.2
			S10978		200				
			S10970	3	230	23.6	24.0	47.6	66.2
			S10975		460				
			S10979*		575				
7½	21	40GS75	S119784		200	29.6	34.0	63.6	84.4
			S119704	3	230				
			S119754		460				



NOTES:

For complete pump, order water end and motor.

① W.E. = water end or pump without motor.

② L.O.A. = length of assembly - complete pump - water end and motor.

* Non-stock motors have a 6 week lead time.

Description: South Cogen Well

Drilling Permit No. 752980

Well Tag No. D0067739, D0061980

Well ID # 273964

Water Right No. **NONE**

Receipt # **NONE**

Approved Date: **NONE**

Hyperlink: <S:\Water & Wells\Water\Wells\Cogen South Well.pdf>

Location: Southwest corner of Cogen Building, near southeast corner of reclaimer building

Use: Boiler Makeup water/cooling tower makeup water/ De-super heat for kiln drying

Pic:



South Well

Printed 04/20/2008
Drilling Permit No. 752980
Well Tag No.
Well ID # 273964
Water Right No.
Receipt #
Approved Date

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT

Relationship: Owner/Operator
Name: PACIFIC CROWN TIMBER PRODUCTS INC
Address: PO BOX 189
PLUMMER ID 83851

Phone: (208)686-1316

Proposed Well Location: Township 46N, Range 04W, Section 18; NW, SW
COUNTY BENEWAH Sub Name SOUTH HWY 95

Street Address of Well Site:
ID.

Proposed Use of Well: Irrigation

Well Construction Information:

A: New Well
B: Proposed Surface Diameter: Inches Proposed Depth Feet
C: Anticipated Bottom Hole Temperature:

Construction Start Date:

Anticipated Well Drilling Company: J & J DRILLING INC (No. 319)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 273964

Well Tag No. .

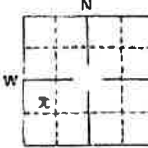
ACTION OF THE DEPARTMENT OF WATER RESOURCES

If approved, this permit authorizes the construction or modification of a well subject to the following conditions: **READ CAREFULLY!**

Signature of Authorized Dept Representative

Title

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the wellscanned
Behind scrub at canyon

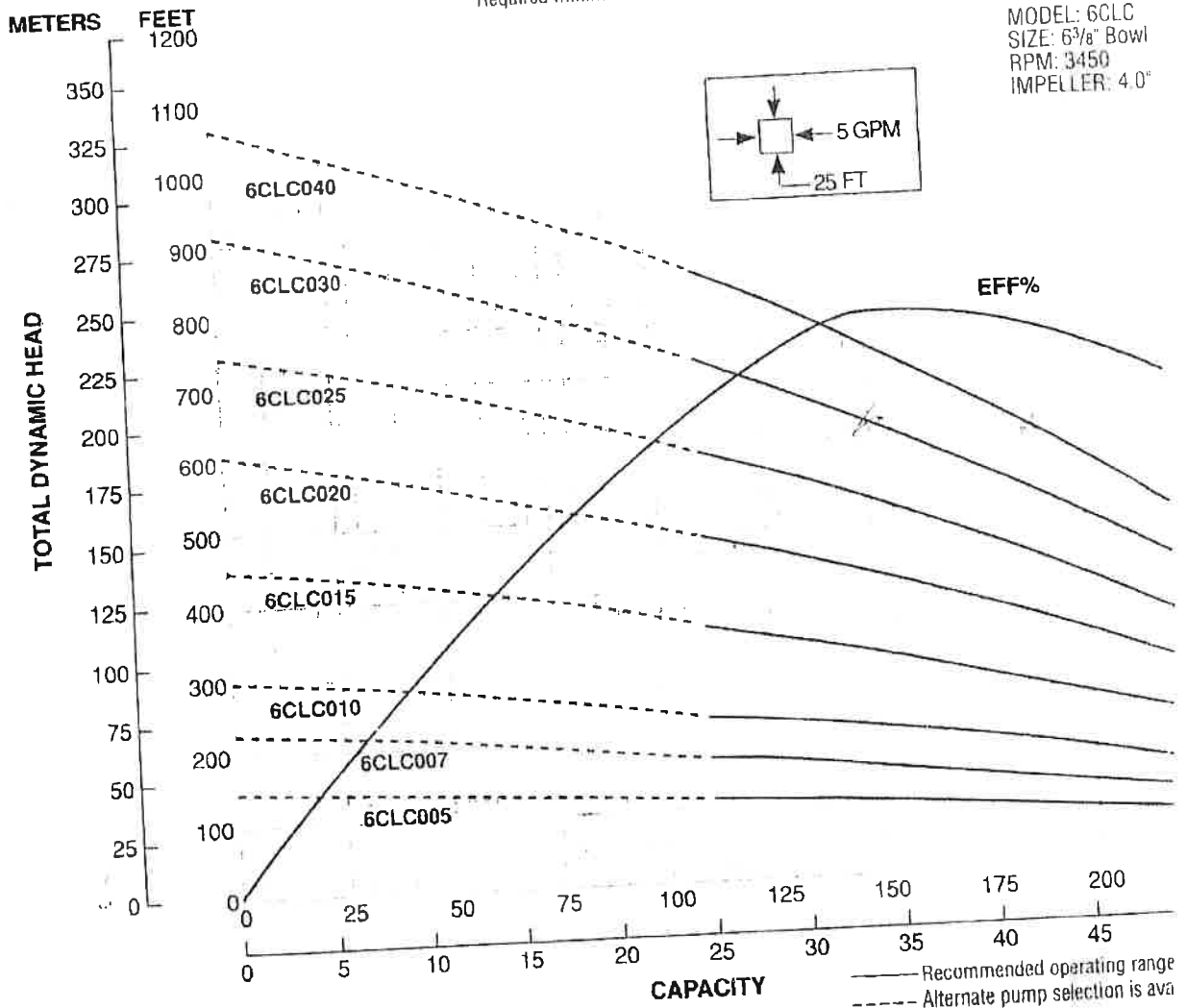
1. WELL OWNER Name <u>PACIFIC CROWN LUMBER</u> Address <u>Plummer, Idaho</u> Owner's Permit No. <u>95-21-N-56</u>	7. WATER LEVEL Static water level <u>290</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F Quality _____																																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Baller ☒ 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><u>150+</u></td><td></td><td></td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>150+</u>																																																																							
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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>Hole Diam.</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yr. No.</th></tr></thead><tbody><tr><td>8</td><td>0</td><td>2</td><td>Cobble</td><td>X</td></tr><tr><td></td><td>2</td><td>5</td><td>Gravel & blk. clay</td><td>X</td></tr><tr><td></td><td>5</td><td>9</td><td>Gravel & brn. clay</td><td>X</td></tr><tr><td></td><td>9</td><td>295</td><td>Basalt-hard-fract.</td><td>X</td></tr><tr><td></td><td>295</td><td>300</td><td>Basalt-med.-fract.</td><td>X</td></tr><tr><td></td><td>300</td><td>305</td><td>Basalt-med.-fract. w/clay</td><td>X</td></tr><tr><td></td><td>305</td><td>310</td><td>Brn.-clay-firm</td><td>X</td></tr><tr><td></td><td>310</td><td>400</td><td>Basalt-hard-fract.</td><td>X</td></tr><tr><td></td><td>400</td><td>405</td><td>Drk. gray clay-hard</td><td>X</td></tr><tr><td></td><td>405</td><td>425</td><td>Brn. clay-hard</td><td>X</td></tr><tr><td></td><td>425</td><td>430</td><td>Basalt-hard-fract.</td><td>X</td></tr><tr><td></td><td>430</td><td>520</td><td>Basalt-hard-fract.</td><td>X</td></tr><tr><td>6</td><td>520</td><td>530</td><td>Basalt-very hard</td><td>X</td></tr><tr><td></td><td>530</td><td>545</td><td>Basalt-very hard</td><td>X</td></tr></tbody></table>	Hole Diam.	Depth From	To	Material	Water Yr. No.	8	0	2	Cobble	X		2	5	Gravel & blk. clay	X		5	9	Gravel & brn. clay	X		9	295	Basalt-hard-fract.	X		295	300	Basalt-med.-fract.	X		300	305	Basalt-med.-fract. w/clay	X		305	310	Brn.-clay-firm	X		310	400	Basalt-hard-fract.	X		400	405	Drk. gray clay-hard	X		405	425	Brn. clay-hard	X		425	430	Basalt-hard-fract.	X		430	520	Basalt-hard-fract.	X	6	520	530	Basalt-very hard	X		530	545	Basalt-very hard	X
Hole Diam.	Depth From	To	Material	Water Yr. No.																																																																								
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____																																																																												
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><u>3/4</u> inches</td><td><u>8</u> inches</td><td><u>1</u> feet</td><td><u>19</u> 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 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 _____ Model No. _____ Type _____ 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 <u>18</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☐ Tamp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>3/4" Opening</u>	Thickness	Diameter	From	To	<u>3/4</u> inches	<u>8</u> inches	<u>1</u> feet	<u>19</u> 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.  Subdivision Name <u>South Hwy. 95</u> Lot No. _____ Block No. _____ County <u>Benevise</u> NW 1/4 SW 1/4 Sec. <u>18</u> T. <u>46N</u> N/S. R. <u>14W</u> E/W	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>J & J DRILLING INC.</u> Firm No. <u>319</u> Address <u>55613 Linke Rd.</u> Date <u>6/5/1991</u> <u>Greenacres, WA 99016</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																																											

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Model 6CLC 160

Required minimum submergence of 10 feet at BEP

MODEL: 6CLC
SIZE: 6 3/8" Bowl
RPM: 3450
IMPELLER: 4.0"



Dimensions and Weights

HP	Stages	W.E. Order Number	W.E. Length	W.E. Wt. (lbs.)
5	2	6CLC00544CTS	20 1/4"	71
		6CLC00564CTS	21 1/4"	72
		6CLC00744CTS	25 1/4"	88
7 1/2	3	6CLC00764CTS	26 3/4"	90
		6CLC01064CTS	32 3/4"	106
10	4	6CLC01564CTS	42 3/4"	140
15	6	6CLC02064CTS	53 1/2"	174
20	8	6CLC02564CTS	63 3/4"	208
25	10	6CLC03064CTS	73 3/4"	242
30	12	6CLC04064CTS	87 5/8"	274

(All dimensions in inches and weights in lbs. Do not use for construction purposes.)

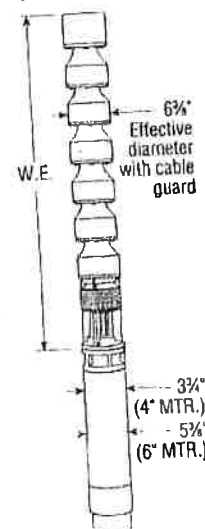
PLEASE NOTE:

- Order motors separately.
- For intermediate horsepower pumps consult factory.
- Solid line is recommended operating range. The dotted line (---) signifies an alternate pump selection is available.
- Please specify all options changes in W.E. order number.

Materials of Construction

Part Name	ASTM /
Shaft	ASTM A
Coupling	ASTM A
Suction Adapter	AST
Discharge Bowl	AST
Rubber Bearings	
Optional Bronze Bearings	A
Discharge Bowl Bearing	
Taperlocks	ASTM
Bowl	AST
Upthrust Collar	AST
Impeller	A
Fasteners	S
Cable Guard	AST
Suction Strainer	AST

4" NPT DISCHARGE CONNECTION



OLD TO: Stimson Lumber Company

Accounts Payable

P.O. Box 211010

Dallas, TX 75211

PO # 2014004465

New South Well Pump System

PHONE#

208-659-7510

INSTALLATION/SERVICE DATE		PROJECT CODE	FO B. POINT	TERMS	
July 3, 2014		Install	Plummer	Payment Due	
QTY	UNIT	DESCRIPTION		UNIT PRICE	TOTAL
Install New Well Pump					
1	ea.	Grundfos 858180-12 85 GPM 15 hp pump and		\$ 4,338.00	\$ 4,338.00
1	ea.	Franklin 6" 15 hp 460 volt 3 phase motor		\$ 3,156.00	\$ 3,156.00
284	ft.	3" Galvanized drop pipe		\$ 10.87	\$ 3,087.08
2	ea.	3" DI Check valves		\$ 278.91	\$ 557.82
400	ft.	1/2" TW submersible pump cable		\$ 1.94	\$ 776.00
290	ft.	1-1/4" Probe conduit		\$ 1.52	\$ 440.80
1	ea.	3" Pitless adapter 5/3 weld on		\$ 1,030.31	\$ 1,030.31
1	ea.	8" Cast iron well cap and conduit		\$ 596.14	\$ 596.14
1	ls.	3" Plumbing		\$ 400.91	\$ 400.91
1	ls.	Labor: install pitless, set well pump, install temp plumbing and start up.		\$ 4,029.00	\$ 4,029.00
Existing Well Pump Removal					
1	ls.	Labor to remove existing well pump		\$ 5,737.95	\$ 5,737.95
1	ls.	Strate Line Crane service		\$ 1,137.60	\$ 1,137.60

SOUTH
Well
PUMP

PUMP DATA SHEET - Robbco Pumps

ny
No.
e: 07/08/05

JULY 05 30 HP Pump
South Well



type: 6LME (9 stages)
yp: SUBMERSIBLE
ynch speed: 3600 rpm
une r:
pecific Speeds:
imensions:
ertical Turbine

Speed: 3450 rpm
Dia: 4.4375 in
Impeller
Ns: 1721
Nss: --
Suction: 4 in
Discharge: 4 in
Bowl size: 5.93 in
Max lateral: 0.25 in
Thrust K factor: 3.5 lb/ft

Search Criteria:
Flow: 80 US gpm
Fluid:
Water
SG: 1
Viscosity: 1.105 cP
NPSHa: -- ft

Head: 700 ft
Temperature: 60 °F
Vapor pressure: 0.2563 psi a
Atm pressure: 14.7 psi a

Motor:
Standard: NEMA
Enclosure: SLB

Size: 30 hp
Speed: 3600
Frame: 6 inch

Sizing criteria: sized by user

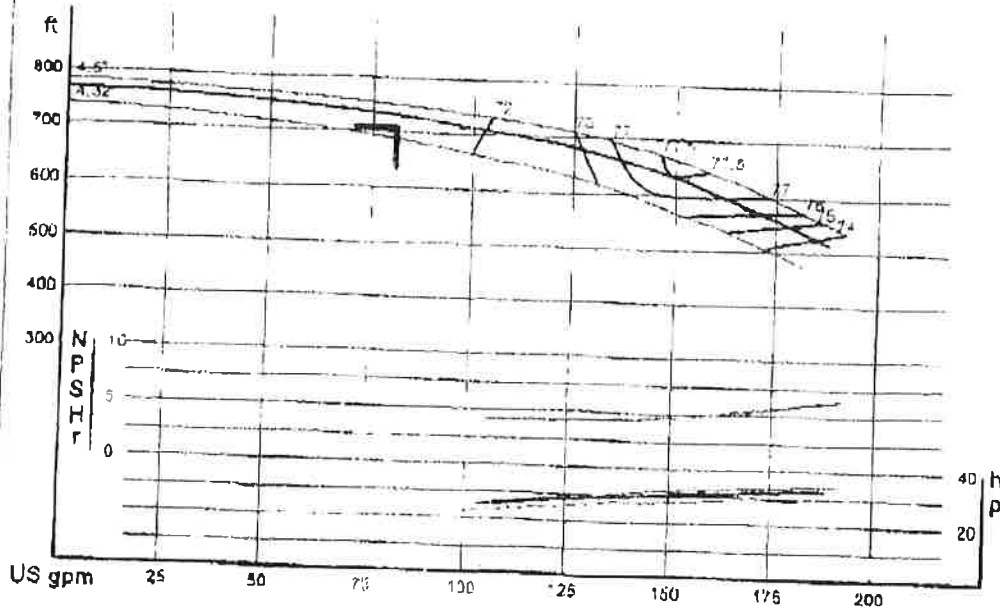
Temperature: 120 °F
Pressure: 460 psi g
Shut-off size: 0.22 in

Power: -- hp
Eye area: -- in²

Data Point
Flow: 80 US gpm
Head: 712 ft
Eff: 68.2%
Power: 22.2 hp
NPSHr: 3.95 ft

Design Curve
Shutoff Head: 758 ft
Shutoff dP: 328 psi
Min Flow: -- US gpm
BEP: 77.5% eff
@ 148 US gpm
VOL Pwr: 32.5 hp
@ 183 US gpm

Max Curve
Max Pwr: 34.3 hp
@ 190 US gpm

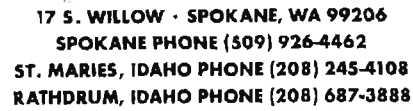


Performance Evaluation:

Flow	Speed	Head	Pump	Power	NPSHr
US gpm	rpm	ft	%eff	hp	ft
96	3450	703	70.9	24.2	3.95
80	3450	712	68.2	22.2	3.95
64	3450	--	--	--	--
48	3450	--	--	--	--
32	3450	--	--	--	--



№ 14473



DATE 2-24 2003

[illegible]

Description: South Planer Well

Drilling Permit No. 811652

Well Tag No: D0033327

Well ID# 382356

Water Right No. **NONE**

Receipt # N015971

Approved Date : 03/17/2004

Hyperlink: <S:\Water & Wells\Water\Wells\South Planer Well.pdf>

Location: South West corner of Planer, Near Lumber Cooling Shed

Use: Cogen Cooling Tower Makeup Water

Pic:



Planner Well

Printed 03/17/2004
Drilling Permit No. 811652
Well Tag No. D0033327
Well ID # 382356
Water Right No.
Receipt # N015971
Approved Date 03/17/2004

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC
Address: PO BOX 759
PLUMMER ID 83851

Phone:

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95
PLUMMER ID

Proposed Use of Well: Exploration

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 6 Inches. Proposed Depth 400 Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Mar 17 2004

Anticipated Well Drilling Company: BRONSON WATER WELLS (No. 360)

Applicant's Signature: _____ Date _____

Title: _____

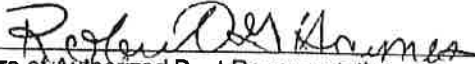
Well ID # 382356

Well Tag No. D0033327

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Wednesday, March 17, 2004.

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the local Health District or the Idaho Department of Environmental Quality which may be required prior to construction of this well. The local Health District should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals that may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho. If the well being drilled is associated with approved water rights(s) use of the well must comply with conditions of said water right(s).
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department of Water Resources immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or its contractors to contact "Dig-line" (Dig-Line is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig-Line" Number for this location is 1-800-342-1585
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Idaho Department of Water Resources for reconsideration, pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.


Signature of Authorized Dept Representative

REGIONAL MANAGER
Title

M-11

Well By Planner South Ehd.

Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Well ID No. _____			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
1/4 _____		1/4 _____	
Lat: _____	Long: _____	_____	

1. WELL TAG NO. D 0033327

DRILLING PERMIT NO. 211652

Water Right or Injection Well No. _____

2. OWNER:

Name Planner Forest
 Address P.O. Box 752
 City _____ State ID Zip 83851

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 4 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 13 1/4 SW 1/4 SW 1/4
 Gov't Lot _____ County Bern State ID

Lat: _____ Long: _____

Address of Well Site HWY 95
 City Planner

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

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

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 Material	From	To	Weight / Volume	Seal Placement Method
bentointe	0	13	375 lbs	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 20ftWas drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	13	250	steel	☒	☐	☒	☐
6	-7	407	160	PVC	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method saw

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
287	307	1/8"	5	4	pvc	☐	☒
357	407	1/8"	5	9	pvc	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

37 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

C&D

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
35		320-400	2hr

Water Temp. cold

Bottom hole temp. _____

Water Quality test or comments: clearDepth first Water Encounter 150

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8	0	7	fill		
	7	13 1/2	tan clay&cobbles		
	13 1/2	18	firm black basalt		
6	13	55	" " "		
	55	60	fractured basalt		
	60	150	firm black basalt		
	150	158	fractured basalt		
	158	301	firm black basalt		
	301	306	broken basalt&coners	x	
	306	309	tan clay firm		
	309	314	green clay firm		
	314	319	firm black basalt		
	319	407	softer grey basalt		

Completed Depth 407ft (Measurable)Date: Started 3/16 Completed 3/17/04

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 Bronson Water Wells Firm No. 360Principal Driller Clint Bronson Date 3/19/04

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Well ID No. _____			
Inspected by _____			
Twp _____ Rge _____ Sec _____		1/4 _____ 1/4 _____ 1/4 _____	
Lat: _____		Long: _____	

1. **WELL TAG NO. D** _____
DRILLING PERMIT NO. 211652
Water Right or Injection Well No. _____

2. **OWNER:**

Name _____
Address _____
City _____ State ID Zip 83851

3. **LOCATION OF WELL by legal description:**

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 46 North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 13 1/4 _____ 1/4 _____ 1/4 _____
Gov't Lot _____
County Benewah
Lat: _____ Long: _____
Address of Well Site Rwy 95

(Give at least name of road or direction to road or landmark)
City Plummer
Lt. _____ Blk. _____ Sub. Name _____

4. **USE:**

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

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 Material	From	To	Weight / Volume	Seal Placement Method
bentointe	0	18	375lbs	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 20ft

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. **CASING/LINER:**

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	18	250	steel	☒	☐	☒	☐
4	-7	407	160	PVC	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. **PERFORATIONS/SCREENS PACKER TYPE**

Perforation Method saw

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
287	307	1/8	5 45	4	pvc	☐	☒
367	407	1/8	5 90	4	pvc	☐	☒

10. **FILTER PACK**

Filter Material	From	To	Weight / Volume	Placement Method

11. **STATIC WATER LEVEL OR ARTESIAN PRESSURE:**

37 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: cap

12. **WELL TESTS:**

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
13		330-400	2hr

Water Temp. 60.8

Bottom hole temp. _____

Water Quality test or comments: clear

Depth first Water Encounter 150

13. **LITHOLOGIC LOG: (Describe repairs or abandonment)**

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8	0	7	fill		
	7	13 1/4	tan clay&cobbles		
	13 1/4	18	firm black basalt		
6	18	55	" " "		
	55	60	fractured basalt		
	60	150	firm black basalt	x	
	150	158	fractured basalt		
	158	301	firm black basalt		
	301	306	broken basalt&cinders	x	
	306	309	tan clay firm		
	309	314	green clay firm		
	314	319	firm black basalt		
	319	407	softer grey basalt		

Completed Depth 407ft (Measurable)

Date: Started 3/16 Completed 3/17/04

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 Benson Water Wells Firm No. 360

Principal Driller Clint Benson Date 3/19/04

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

INVOICE

Nº 15198



17 S. WILLOW · SPOKANE, WA 99206

SPOKANE PHONE (509) 926-4462

ST. MARIES, IDAHO PHONE (208) 245-4108

RATHDRUM, IDAHO PHONE (208) 687-3888

Excavator

Rod willard 661-5797

(6-59-9325 Tim)

PHONE

Plummer Forest Products Tim

CUSTOMER

ADDRESS

CITY

STATE

ZIP

WELL DIA

8" 18'

DEPTH

6"-407

YIELD

35

DATE

4-22-04

20

QTY.	ITEM	LIST/LABOR	CHARGE
4/21	Well m-11		
4/21	Provide & install Goulds submersible pump		
	MO. 33G575434 7.5hp 460 volt		
	294' x 1 1/2" Galv pipe - 300' x 12-4 jacketed cable		
	2" Brass pitless 6" sealed cap		
	1-1/2 stainless CK valve	4902 ⁵⁰	4,322.30
4/21	Pull Truck shop well		
	84' x 4" - 15hp 225H Goulds w/6hrond		
	Take to shop for repair or replacement		

If using credit card for payment, add 4.5%.

TERMS: NET 10 DAYS FROM INVOICE DATE.

A finance charge of 1 1/2% (21% corresponding annual percentage rate, \$1.00 minimum) will be charged on all unpaid accounts.

	SUBTOTAL	4,322.30
2-men 6hrs	PUMP TRUCK/LABOR	681.00
	SUBTOTAL	
	Penalty 6% S. SALES TAX	259.34
	TOTAL	5,262.64

Description: Cooling Tower Well

Drilling Permit No. 752814

Well Tag No. **NONE**

Well ID# 274572

Water Right No. **NONE**

Receipt # **NONE**

Approved Date **NONE**

Hyperlink: <S:\Water & Wells\Water\Wells\Cooling Tower Well.pdf>

Location: At the northeast corner of the cooling tower

Use: Cooling Tower Makeup Water

Pic:



Cooling Tower

Printed 04/20/2006
Drilling Permit No. 752814
Well Tag No.
Well ID # 274572
Water Right No.
Receipt #
Approved Date

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PACIFIC CROWN TIMBER PRODUCTS INC
Address: PO BOX 189
PLUMMER ID 83851

Phone: (208)686-1316

Proposed Well Location: Township 46N, Range 04W, Section 18, SW
COUNTY BENEWAH

Street Address of Well Site:
ID

Proposed Use of Well: Domestic-Single Residence

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: Inches. Proposed Depth Feet.
- C. Anticipated Bottom Hole Temperature:

Construction Start Date:

Anticipated Well Drilling Company: J & J DRILLING INC (No. 319)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 274572

Well Tag No.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. **READ CAREFULLY!**

Signature of Authorized Dept Representative

Title

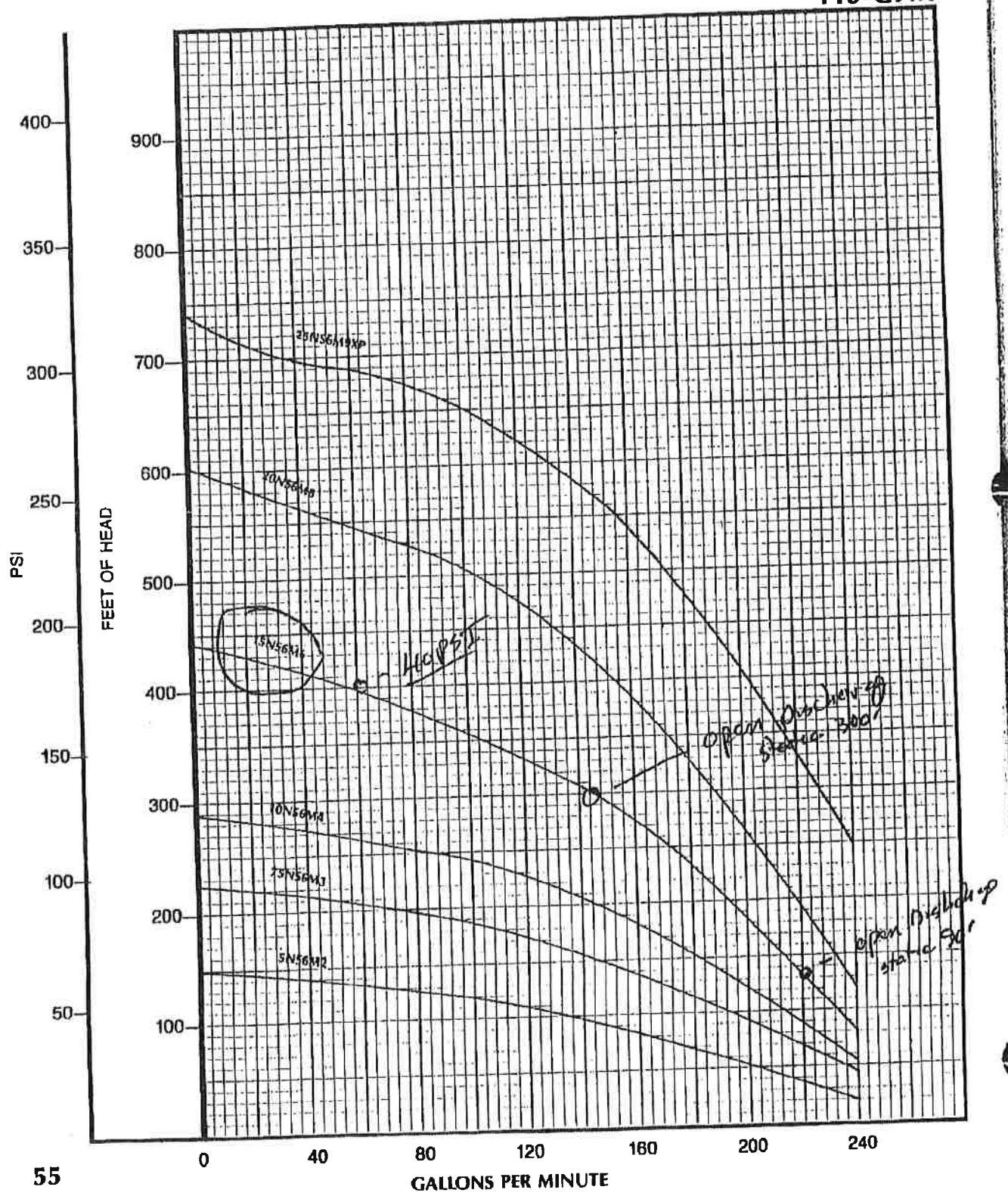
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.USE TYPEWRITER OR
BALLPOINT PEN

1. WELL OWNER Name <u>Pacific Crown Timber Products</u> Address <u>P.O. Box 199 Plummer Idaho 83851</u> Owner's Permit No. <u>95-90-N-26</u>		7. WATER LEVEL Static water level <u>20</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 _____ OF. Quality <u>Good</u> Describe direction or temperature zones below.																																																																																			
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Balter ☒ 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><u>100</u></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	<u>100</u>																																																																														
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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 colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td></td><td>0</td><td>5</td><td>COBBLES GRAVEL FILL</td><td></td><td>☒</td></tr><tr><td></td><td>5</td><td>50</td><td>TAN CLAY - FIRM</td><td></td><td>☒</td></tr><tr><td></td><td>50</td><td>58</td><td>BASALT - FRACT. 100 GPM</td><td>☒</td><td></td></tr><tr><td></td><td>58</td><td>90</td><td>BASALT - HARD, FRACT. 50 GPM</td><td>☒</td><td></td></tr><tr><td></td><td>90</td><td>130</td><td>BASALT - VERY HARD</td><td></td><td>☒</td></tr><tr><td></td><td>130</td><td>240</td><td>BASALT - VERY HARD</td><td></td><td>☒</td></tr><tr><td></td><td>240</td><td>300</td><td>B.N. CLAY - FIRM</td><td></td><td>☒</td></tr><tr><td></td><td>300</td><td>312</td><td>LT. GRAY CLAY - FIRM</td><td></td><td>☒</td></tr><tr><td></td><td>312</td><td>335</td><td>GRAY CLAY - HARD</td><td></td><td>☒</td></tr><tr><td></td><td>335</td><td>390</td><td>BASALT - HARD, FRACT.</td><td>☒</td><td></td></tr><tr><td></td><td>390</td><td>415</td><td>B.N. CLAY - FIRM</td><td></td><td>☒</td></tr><tr><td></td><td>415</td><td>520</td><td>BASALT - VERY HARD</td><td></td><td>☒</td></tr></tbody></table> <u>DO NOT SET PUMP BELOW 300 FT -</u> <u>WATER FLAKING CLAYS</u>		Bore Diam.	Depth		Material	Water		From	To	Yes	No		0	5	COBBLES GRAVEL FILL		☒		5	50	TAN CLAY - FIRM		☒		50	58	BASALT - FRACT. 100 GPM	☒			58	90	BASALT - HARD, FRACT. 50 GPM	☒			90	130	BASALT - VERY HARD		☒		130	240	BASALT - VERY HARD		☒		240	300	B.N. CLAY - FIRM		☒		300	312	LT. GRAY CLAY - FIRM		☒		312	335	GRAY CLAY - HARD		☒		335	390	BASALT - HARD, FRACT.	☒			390	415	B.N. CLAY - FIRM		☒		415	520	BASALT - VERY HARD		☒
Bore Diam.	Depth		Material		Water																																																																																
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____		RECEIVED MAY 09 1990 Department of Water Resources																																																																																			
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><u>250</u> inches</td><td><u>8</u> inches</td><td><u>1</u> foot</td><td><u>62</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ foot</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ foot</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ foot</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 Size of perforation <u>3/8</u> inches by <u>1 1/2</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>80</u> perforations</td><td><u>52</u> feet</td><td><u>62</u> 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 <u>20</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>4" OPENING</u>		Thickness	Diameter	From	To	<u>250</u> inches	<u>8</u> inches	<u>1</u> foot	<u>62</u> feet	_____ inches	_____ inches	_____ foot	_____ feet	_____ inches	_____ inches	_____ foot	_____ feet	_____ inches	_____ inches	_____ foot	_____ feet	Number	From	To	<u>80</u> perforations	<u>52</u> feet	<u>62</u> feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	RECEIVED MAY 24 1990 MAY 14 1990 Department of Water Resources																																																			
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6. LOCATION OF WELL ☒ Sketch map location must agree with written location <table border="1"><thead><tr><th>N</th><th>W</th><th>E</th><th>S</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table> Subdivision Name _____ Lot No. _____ Block No. _____ County <u>BONNEWAH</u> _____ 1/4 Sec. <u>18</u> T. <u>46</u> S. R. <u>4</u> E.		N	W	E	S													10. Work started <u>4/25</u> finished <u>5/1/90</u>																																																																			
N	W	E	S																																																																																		
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>J.J. Drilling Inc.</u> Firm No. <u>319</u> Address <u>5613 S Link Rd.</u> Date <u>5-4-90</u> <u>Guaranteed up to 990 ft</u> Signed by (Firm Official) _____ and _____ (Operator)		RECEIVED MAY 24 1990 MAY 14 1990 Department of Water Resources																																																																																			

JACUZZI.

NS6M Performance Curves

140 GPM



Cooling tower wch-

cooling tower

RECEIVED
OCT 06 1988STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTRECEIVED
OCT 20 1988

1. WELL OWNER'S INFORMATION
Name RACIEL CONCRETE & LUMBER CO.
Address Box 187 - Plummer, Idaho
Owner's Permit No. 95-8583
8650 5th - 12th 6390

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedure such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste disposal or injection (specify type)
☐ Other

4. METHOD DRILLED
☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Aug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other
Thickness 264 inches 8 inches + 1 feet 52 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
Size of perforation _____ inches by _____ inches
Number _____ From _____ feet To _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
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 184 Material used in seal: ☐ Cement ☒ Bentonite ☐ Pudding clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. wireless casing ☒ Overpack to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
Describe casing port 1/4" OPENING

6. LOCATION OF WELL
Sketch map location must agree with written location.
Subdivision Name _____
Lot No. _____ Block No. _____
County Bonanza
State Idaho U.S. 46 005, R. 4 S10

7. WATER LEVEL
Static water level 65 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 location of temperature source below.

8. WELL TEST DATA
☐ Pump ☐ Baller ☒ Air ☐ Other
Discharge (G.P.M.) _____ Pumping Level _____ Hours Pumped _____
300 +

9. LITHOLOGIC LOG
Bore Depth Water
Diam. From To Material Yes No
12 0 4 SANDY GRAVEL - HARD ☒ ☐
12 4 30 CLAY - FIRM ☒ ☐
10 30 40 CLAY - FIRM ☒ ☐
10 40 50 SANDY GRAVEL - HARD ☒ ☐
10 50 100 SANDY GRAVEL - HARD ☒ ☐
10 100 150 SANDY GRAVEL - HARD ☒ ☐
10 150 200 SANDY GRAVEL - HARD ☒ ☐
10 200 300 SANDY GRAVEL - HARD ☒ ☐
10 300 400 SANDY GRAVEL - HARD ☒ ☐
10 400 500 SANDY GRAVEL - HARD ☒ ☐
10 500 600 SANDY GRAVEL - HARD ☒ ☐
10 600 700 SANDY GRAVEL - HARD ☒ ☐
10 700 800 SANDY GRAVEL - HARD ☒ ☐
10 800 900 SANDY GRAVEL - HARD ☒ ☐
10 900 1000 SANDY GRAVEL - HARD ☒ ☐
10 1000 1100 SANDY GRAVEL - HARD ☒ ☐
10 1100 1200 SANDY GRAVEL - HARD ☒ ☐
10 1200 1300 SANDY GRAVEL - HARD ☒ ☐
10 1300 1400 SANDY GRAVEL - HARD ☒ ☐
10 1400 1500 SANDY GRAVEL - HARD ☒ ☐
10 1500 1600 SANDY GRAVEL - HARD ☒ ☐
10 1600 1700 SANDY GRAVEL - HARD ☒ ☐
10 1700 1800 SANDY GRAVEL - HARD ☒ ☐
10 1800 1900 SANDY GRAVEL - HARD ☒ ☐
10 1900 2000 SANDY GRAVEL - HARD ☒ ☐
10 2000 2100 SANDY GRAVEL - HARD ☒ ☐
10 2100 2200 SANDY GRAVEL - HARD ☒ ☐
10 2200 2300 SANDY GRAVEL - HARD ☒ ☐
10 2300 2400 SANDY GRAVEL - HARD ☒ ☐
10 2400 2500 SANDY GRAVEL - HARD ☒ ☐
10 2500 2600 SANDY GRAVEL - HARD ☒ ☐
10 2600 2700 SANDY GRAVEL - HARD ☒ ☐
10 2700 2800 SANDY GRAVEL - HARD ☒ ☐
10 2800 2900 SANDY GRAVEL - HARD ☒ ☐
10 2900 3000 SANDY GRAVEL - HARD ☒ ☐
10 3000 3100 SANDY GRAVEL - HARD ☒ ☐
10 3100 3200 SANDY GRAVEL - HARD ☒ ☐
10 3200 3300 SANDY GRAVEL - HARD ☒ ☐
10 3300 3400 SANDY GRAVEL - HARD ☒ ☐
10 3400 3500 SANDY GRAVEL - HARD ☒ ☐
10 3500 3600 SANDY GRAVEL - HARD ☒ ☐
10 3600 3700 SANDY GRAVEL - HARD ☒ ☐
10 3700 3800 SANDY GRAVEL - HARD ☒ ☐
10 3800 3900 SANDY GRAVEL - HARD ☒ ☐
10 3900 4000 SANDY GRAVEL - HARD ☒ ☐
10 4000 4100 SANDY GRAVEL - HARD ☒ ☐
10 4100 4200 SANDY GRAVEL - HARD ☒ ☐
10 4200 4300 SANDY GRAVEL - HARD ☒ ☐
10 4300 4400 SANDY GRAVEL - HARD ☒ ☐
10 4400 4500 SANDY GRAVEL - HARD ☒ ☐
10 4500 4600 SANDY GRAVEL - HARD ☒ ☐
10 4600 4700 SANDY GRAVEL - HARD ☒ ☐
10 4700 4800 SANDY GRAVEL - HARD ☒ ☐
10 4800 4900 SANDY GRAVEL - HARD ☒ ☐
10 4900 5000 SANDY GRAVEL - HARD ☒ ☐
10 5000 5100 SANDY GRAVEL - HARD ☒ ☐
10 5100 5200 SANDY GRAVEL - HARD ☒ ☐
10 5200 5300 SANDY GRAVEL - HARD ☒ ☐
10 5300 5400 SANDY GRAVEL - HARD ☒ ☐
10 5400 5500 SANDY GRAVEL - HARD ☒ ☐
10 5500 5600 SANDY GRAVEL - HARD ☒ ☐
10 5600 5700 SANDY GRAVEL - HARD ☒ ☐
10 5700 5800 SANDY GRAVEL - HARD ☒ ☐
10 5800 5900 SANDY GRAVEL - HARD ☒ ☐
10 5900 6000 SANDY GRAVEL - HARD ☒ ☐
10 6000 6100 SANDY GRAVEL - HARD ☒ ☐
10 6100 6200 SANDY GRAVEL - HARD ☒ ☐
10 6200 6300 SANDY GRAVEL - HARD ☒ ☐
10 6300 6400 SANDY GRAVEL - HARD ☒ ☐
10 6400 6500 SANDY GRAVEL - HARD ☒ ☐
10 6500 6600 SANDY GRAVEL - HARD ☒ ☐
10 6600 6700 SANDY GRAVEL - HARD ☒ ☐
10 6700 6800 SANDY GRAVEL - HARD ☒ ☐
10 6800 6900 SANDY GRAVEL - HARD ☒ ☐
10 6900 7000 SANDY GRAVEL - HARD ☒ ☐
10 7000 7100 SANDY GRAVEL - HARD ☒ ☐
10 7100 7200 SANDY GRAVEL - HARD ☒ ☐
10 7200 7300 SANDY GRAVEL - HARD ☒ ☐
10 7300 7400 SANDY GRAVEL - HARD ☒ ☐
10 7400 7500 SANDY GRAVEL - HARD ☒ ☐
10 7500 7600 SANDY GRAVEL - HARD ☒ ☐
10 7600 7700 SANDY GRAVEL - HARD ☒ ☐
10 7700 7800 SANDY GRAVEL - HARD ☒ ☐
10 7800 7900 SANDY GRAVEL - HARD ☒ ☐
10 7900 8000 SANDY GRAVEL - HARD ☒ ☐
10 8000 8100 SANDY GRAVEL - HARD ☒ ☐
10 8100 8200 SANDY GRAVEL - HARD ☒ ☐
10 8200 8300 SANDY GRAVEL - HARD ☒ ☐
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10 8600 8700 SANDY GRAVEL - HARD ☒ ☐
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10 13700 13800 SANDY GRAVEL - HARD ☒ ☐
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10 19200 19300 SANDY GRAVEL - HARD ☒ ☐
10 19300 1940

Cooling tower well

RECEIVED

POSTED OCT 06 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

RECEIVED

OCT 20 1988

1. WELL CHARTER OF WATER RESOURCES

Name Pacific Business Services Co.

Address Box 183 - Plummer, Idaho

Owner's Permit No. 95-8583
04500 900-1250 6390

7. WATER LEVEL

Static water level 65 feet below land surface.

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature 68° Quality Good

Desired action or temperature series below.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Baller ☒ Air ☐ Other _____

Discharge (G.P.M.)	Pumping Level	Hours Pumped
<u>300 ±</u>		

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal

☒ Industrial ☐ Stock ☐ Waste Disposal or Injection (specify type)

☐ Other _____

6. LITHOLOGIC LOG

Bore Diam.	Depth From To	Material	Water Yes No
12	0 4	BASALT - HARD & FLINT.	X
12	4 30	BASALT - FLINT	X
10	30 40	TALUS - FLINT	X
10	40 50	BASALT - SOFT WEAK / BOUNDER	X
8	50 53	BASALT - MEDIUM FLINTS.	X
8	53 100	BASALT - HARD FLINTS.	X
8	100 200	BASALT - HARD FLINTS.	X
8	200 300	BASALT - HARD FLINTS.	X
8	300 350	BASALT - HARD FLINTS.	X
8	350 400	BASALT - HARD FLINTS.	X
8	400 450	BASALT - HARD FLINTS.	X
8	450 480	BASALT - HARD FLINTS.	X
8	480 500	BASALT - HARD FLINTS.	X
8	500 550	BASALT - HARD FLINTS.	X
8	550 600	BASALT - HARD FLINTS.	X
8	600 650	BASALT - HARD FLINTS.	X
8	650 700	BASALT - HARD FLINTS.	X
8	700 750	BASALT - HARD FLINTS.	X
8	750 800	BASALT - HARD FLINTS.	X
8	800 850	BASALT - HARD FLINTS.	X
8	850 900	BASALT - HARD FLINTS.	X
8	900 950	BASALT - HARD FLINTS.	X
8	950 1000	BASALT - HARD FLINTS.	X

Due to fracturing & clay
strips do not get pump
below 300' of art. water.

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary

☐ Cable ☐ Dig ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To	Feet	Feet	Feet	Feet
<u>2 1/2</u>	<u>8</u>	<u>1</u>	<u>52</u>	<u>52</u>			

Was casing drive shoe used? ☒ Yes ☐ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To	Feet	Feet	Feet	Feet

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 18" Material used in seal: ☐ Cement ☒ Bentonite ☐ Pudding clay ☐ Slurry pit

Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld

Describe screen port: 1/4" opening

9. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name _____

Lot No. _____ Block No. _____

County Bonneville

Township NE 1/4 Range 46 Section 4

10. Work started 6/24/88 **finished** 6/29/88

11. DRILLER'S CERTIFICATION

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

Firm Name J.S. Drilling Inc. Firm No. 319

Address 505 S. Lake St. Date 7/6/88

Signed by (Firm Official) [Signature]

and [Signature]

cooling TOWER INVOICE

№ 14642



17 S. WILLOW - SPOKANE, WA 99206
SPOKANE PHONE (509) 926-4462
ST. MARIES, IDAHO PHONE (208) 245-4108
RATHDRUM, IDAHO PHONE (208) 687-3888

PHONE _____
CUSTOMER Plummer Forest Products
ADDRESS Cooling Tower
CITY _____ STATE _____ ZIP _____
WELL DIA. 8" DEPTH 441 YIELD 200+ static 40'

DATE 6-12- 2003

QTY.	ITEM	LIST/LABOR	CHARGE
6/12	Service Call Pull Pump out of well By Cooling tower 3" x 294 pipe - Pipe pulled - wire shorted Take pump to town & service - 2 men 5T 8hrs	768 ⁰⁰	
	Pump 15NS6MGT Jacuzzi 15hp Hitachi - 460 volt 3Ø		
6/13	Inspect pump - & ck impellers No shorts - ok. Bad wear 1" pipe around well	2hrs 96 ⁰⁰	
6/17	Set Jacuzzi 15NS6MGT 15hp Back in well at 300'		
	273' of new 3" Galv pipe	1790 ⁰⁰	16160 ⁰⁰
	2- 3" CK Uplies Ductile Iron	448	403 20
	306' x 12-3 Tracketed. wire		201 91
	1- O Ring MASS pitless		3 00
	Strap tape & splice kit		33 50
	Test pump well - static at 31' Dropped to 91' at 200 GPM open discharge Amp 22.5A 2 men 5T 2hrs	768 ⁰⁰	

If using credit card for payment, add 4.5%.

TERMS: NET 10 DAYS FROM INVOICE DATE.

A finance charge of 1 1/2% (21% corresponding annual percentage rate, \$1.00 minimum) will be charged on all unpaid accounts.

SUBTOTAL		2,201 6
PUMP TRUCK/LABOR	1632 ⁰⁰	1632 00
SUBTOTAL		3,833 6
IDA 6% S. SALES TAX	132.10	132 10
TOTAL	3965.76	3965 76

Description: Sawmill Sorter Well

Drilling Permit No. 820704

Well Tag No. D0033941

Well ID# 391369

Water Right No. 95-8583

Receipt# N016350

Approved Date 07/21/2004

Hyperlink: <S:\Water & Wells\Water\Wells\Sawmill Sorter Well.pdf>

Location: Located between sawmill building and log yard, Near log infeed deck

Use: Log Yard Make up water, watering logs & dust abatement, Saw Cooling Water, Bathrooms

Pic:



Sorter Well

Printed 04/20/2006
Drilling Permit No. 820704
Well Tag No. D0033941
Well ID # 391369
Water Right No. 95-8583
Receipt # N016350
Approved Date 07/21/2004

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC
Address: PO BOX 759
PLUMMER ID 83851

Phone: (208) 686-9080

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95
PLUMMER ID

Proposed Use of Well: Exploration

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 6 inches. Proposed Depth 400 Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Jul 19 2004

Anticipated Well Drilling Company: BRONSON WATER WELLS (No. 360)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 391369

Well Tag No. D0033941

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Wednesday, July 21, 2004.

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the local Health District or the Idaho Department of Environmental Quality which may be required prior to construction of this well. The local Health District should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals that may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho. If the well being drilled is associated with approved water rights(s) use of the well must comply with conditions of said water right(s).
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department of Water Resources immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or its contractors to contact "Dig-line" (Dig-Line is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig-Line" Number for this location is 1-800-342-1585.
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Idaho Department of Water Resources for reconsideration, pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end-domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.

Signature of Authorized Dept Representative

Title

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

M-13 Well By SAWMILL

Sorter

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat	:	Long	:

1. WELL TAG NO. D

DRILLING PERMIT NO.

Water Right or Injection Well No.

2. OWNER:

Name Plummer Forest
Address P.O. Box 738
City Plummer State ID Zip 83851

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well

Twp. 4S North ☒ or South ☐
Rge 1E East ☐ or West ☒
Sec. 18 1/4 1/4 1/4 1/4
Gov't Lot _____
County Benewah
Lat: _____ Long: _____
Address of Well Site Rwy 98

City Plummer

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

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

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other (Replacement etc.)

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	18	350 lbs	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 10-120

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1 1/2	108	250	steel	☐	☐	☒	☐
4	-5	405	160	pvc	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method drill

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
285	325	1/4"	320	4	pvc	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

97 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
40		325-400	2hr

Water Temp. 60.1

Bottom hole temp. _____

Water Quality test or comments: clear

Depth first Water Encounter 140

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
4	0	3	soil			
	3	18	brown clay some sand			
			gravel			
6	18	197	brown clay some sand			
			gravel			
	197	199	dark black			
	199	145	broken black basalt			
	145	320	dark black			
	320	327	light tan			
	327	338	brown, tan, green clay			
	338	405	softer black basalt			

Completed Depth 405 (Measurable)

Date: Started 7/13 Completed 7/21/04

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 SAWMILL Firm No. 312

Principal Driller [Signature] Date 7/26/04

Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

DRILLER'S REPORT

1. WELL TAG NO. D 0033341
 DRILLING PERMIT NO. 201774
 Water Right or Injection Well No. 83-13

2. OWNER:
 Name Plummer Forest Products, INC
 Address P.O. Box 759
 City Plummer State ID Zip 83851

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 45 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 18 1/4 1/4 1/4 1/4
 Gov't Lot _____ County Benzon 160 acres
 Lat: _____ Long: _____
 Address of Well Site Box 95

(10 ft at least name of road or Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name _____
 City Plummer

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other exploration

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 Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	18	350 lbs	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 108 ft
 Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1 1/2	108	250	steel	☒	☐	☒	☐
4	-5	405	160	pvc	☐	☒	☒	☐

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

9. PERFORATIONS/SCREENS PACKER TYPE
 Perforation Method Drill
 Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
285	325	1/4	320	4	pvc	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
97 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____
000

Well ID No. _____
 Inspected by _____
 Twp. _____ Rge. _____ Sec. _____
1/4 1/4 1/4
 Lat: _____ Long: _____

12. WELL TESTS:
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
40		325-400	

 Water Temp. 60.5 Bottom hole temp. _____
 Water Quality test or comments: clear

Depth first Water Encounter 1
 13. LITHOLOGIC LOG: (Describe repairs or abandonment) Wa

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y
6	0	18	brown clay some sand & gravel	
6	18	108	brown clay some sand & gravel	
	108	140	firm black basalt	
	140	145	broken black basalt	x
	145	320	firm black basalt	
	320	327	broken black basalt	x
	327	339	brown, tan, green clay	
	339	405	softer black basalt	

Completed Depth 405 ft (Measural)
 Date: Started 7/13 Completed 7/21/01

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 Plummer Water Well Firm No. 36
 Principal Driller _____ Date 7/26/01
 and
 Driller or Operator II _____ Date _____
 Operator I _____ Date _____

Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

Description: North Cogen Well

Drilling Permit No. 752553

Well Tag No: D0073356

Well ID# 275075

Water Right No. 95-8583

Receipt # N000112

Approved Date 05/31/1988

Hyperlink: <S:\Water & Wells\Water\Wells\North Well.pdf>

Location: Northeast corner of Hog Fuel Storage yard, west of planer building

Use: Cooling Tower Makeup Water/ Hog Fuel Hydrant

Pic:



North well

Printed 04/20/2006
Drilling Permit No. 752553
Well Tag No.
Well ID # 275075
Water Right No. 95-8583
Receipt # N000112
Approved Date 05/31/1988

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PACIFIC CROWN TIMBER PRODUCTS INC
Address: PO BOX 189
PLUMMER ID 83851

Phone: (208)686-1316

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH Block 093 Sub Name CITY OF PLUMMER

Street Address of Well Site:
ID

Proposed Use of Well: Industrial

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 12 Inches. Proposed Depth 400 Feet.
- C. Anticipated Bottom Hole Temperature:

Construction Start Date:

Anticipated Well Drilling Company: J & J DRILLING INC (No. 319)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 275075

Well Tag No.

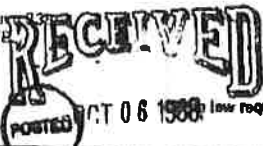
ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Tuesday, May 31, 1988.

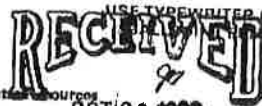
Signature of Authorized Dept Representative

Title

Form 13-1
9/82

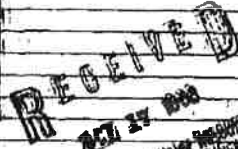


STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT



This 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 Department of Water Resources Name <u>Pacific Crown Lumber Co.</u> Address <u>Box 187 - Plummer, Idaho</u> <u>95-88-NE-4</u> Owner's Permit No. <u>95-8583</u> <u>0450 350-1238 6390</u>	7. WATER LEVEL Department of Water Resources Static water level <u>65</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 <u>Good</u> Describe artesian or temperature trends below.																																																																																							
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailer ☒ 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><u>300+</u></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	<u>300+</u>																																																																																			
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Bore Diam.	Depth		Material	Water Yes No																																																																																				
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. Work started <u>6/26/88</u> finished <u>6/29/88</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> <th>Feet</th> <th>Feet</th> </tr> </thead> <tbody> <tr> <td><u>2 1/2</u> inches</td> <td><u>8</u> inches</td> <td><u>1</u> foot</td> <td><u>52</u> feet</td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <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 Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet 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 <u>18"</u> Material used in seal: ☐ Cement ☒ Bentonite ☐ Puddling clay ☐ Slurry pit Sealing procedure used: ☐ Temp. surface casing ☒ Overback to seal depth ☐ Solvent ☐ Weld Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Weld ☐ Cemented between strata Describe access port <u>4" opening</u>	Thickness	Diameter	From	To	Feet	Feet	<u>2 1/2</u> inches	<u>8</u> inches	<u>1</u> foot	<u>52</u> feet																					11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time this rig was removed. Firm Name <u>J.S. Drilling Inc.</u> Firm No. <u>319</u> Address <u>55013 LINKS RD</u> Date <u>7/6/88</u> Signed by (Firm Official) <u>[Signature]</u> and <u>[Signature]</u>																																																									
Thickness	Diameter	From	To	Feet	Feet																																																																																			
<u>2 1/2</u> inches	<u>8</u> inches	<u>1</u> foot	<u>52</u> feet																																																																																					
6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Burleigh</u> NE 1/4 Sec. 18, T. 44, R. 4	USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHOLE SET TO THE DEPARTMENT																																																																																							



Department of Water Resources
Northern District Office

023570

9.8

RECEIVED

OCT 06 1988

Northwell

M7

STATE OF IDAHO— DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

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.

Northwell at ceiling lower under

RECEIVED

OCT 20 1988

1. WELL OWNER

Name Griffin Brown Lumber Co.
Address Box 187 - Piquette, Idaho
95-88-N34
Owner's Permit No. 95-8583
0450 350-1276 6390

7. WATER LEVEL

Department of Water Resources
Static water level 6.5 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 Good
Describe variation in temperature, if any.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Baller ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>300 +</u>		

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☒ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water Yes No
	From	To		
12	0	4	BASALT COARSE GRAVEL	X
12	4	30	BROWN CLAY - FIRM	X
10	30	40	TAN CLAY - FIRM	X
10	40	53	BASALT - SOFT W/CLAY BINDER	X
8	53	150	BASALT - MED. FRAC.	X
1	150	200	BASALT - HARD, FRAC.	X
1	200	300	BASALT - HARD, ROCKY HARD, FRAC.	X
	300	325	GRAY CLAY - HARD W/FRAG.	X
	325	330	BASALT STRIPS	
	330	350	RED CLAY - HARD	X
	350	410	BASALT - HARD	X
	410	420	GRY CLAY - HARD	X
	420	425	BROWN CLAY - HARD	X
	425	440	BASALT - HARD, FRAC.	X
8	440	448	BASALT - FRAC. WATER	X
			300 + G.P.M.	
			Due to FRAC. AREA & CLAY STRIPS NO. NOT SET PUMP	
			BELOW 300' w/out liner	

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness _____ Diameter _____ From _____ To _____
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
Size of perforation _____ Inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
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 18' 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 1/4" OPENING

6. LOCATION OF WELL

Sketch map location must agree with written location.

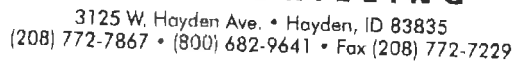
N
W E
S
Subdivision Name _____
Lot No. _____ Block No. _____
County Bonneville NE 1/4 5 W 1/4
T. 46 S. R. 4 E

10. Work started 6/26/88 Finished 6/29/88

11. DRILLERS CERTIFICATION

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

Firm Name S.S. Drilling Inc. Firm No. 319
Address 51613 LINKS RD. Date 7/6/88
Signed by (Firm Official) Paul A. Johnson
and Bruce A. Johnson
(Operator)



№ 27404

ORDER NO.

PQ # 2017000001

Clean Out and Install 6 in Steel Casing on

North Well

520 SW Yamhill, Suite 700

Portland, OR 97204-1330

208-686-9080

This invoice due and payable upon receipt. Invoices not paid within 10 days will accrue interest at a rate of 1.5% per month.

\\NASDRIVE\UnitedCrownChris\United Crown\CCA Invoices\W-Z\S\Stimson Lumber North Well Clean Out and Casing.xls

Water right or injection well #

Zip 83851



Stinson Lumber Company

Bill To:
 11000 1st St
 11000 1st St
 11000 1st St
 11000 1st St
 11000 1st St

SHIP TO:
 STIMSON LUMBER CO
 11000 1st St
 11000 1st St
 11000 1st St

PURCHASE ORDER

2017000001

Vendor:

UNIT PUMP

Insurance Expiration Date

UNITED PUMP COMPANY (UNITED CROWN PUMP & DRILLING)

3125 W HAYDEN AVENUE

HAYDEN ID

USA 83835

Tel: 208-772-7867

Email: wendy@stinsonlumber.com

Fax: 208-772-7020

COPY OF UNISSUED PO

ISSUED

BUYER: Matt Robinson

MROBINSON@STIMSONLUMBER.COM

LINE	QTY UOM	DESCRIPTION	DATE DUE	UNIT PRICE	EXTENDED PRICE
1.00	EA	MC PR 00001	00-Feb-2017	13.700 0000	13.700.00
		Name: MISC PAR: Clean out and install 6 inch steel casing on North Well - Rest of the work from Original PO 2016079581			

PLEASE EMAIL or FAX BACK CONFIRMATION TO (MROBINSON@STIMSONLUMBER.COM,)
 PLEASE REFERENCE OUR PURCHASE ORDER NUMBER ON ALL PACKING SLIPS AND INVOICES

TERMS: NET 15

FOB:

COST CTR: PL-GP

APP. DATE:

APP. BY:

ESTIMATED DELIVERY DATE:

CONFIRMED BY:

DATE:

Sub-Total:	13,700.00
Discount:	3.00
Total:	13,700.00

RECEIVED
OCT 06 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
OCT 20 1988

1. WELL OWNER: Department of Water Resources
Name: Great Basin Drilling Co.
Address: Box 129 - Plummer, Idaho
Owner's Permit No.: 95-858-3
0450 326-1238 6390

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☒ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other
Thickness: 269 inches Diameter: 8 inches From: 1 feet To: 52 feet
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
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
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 18' Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Pudding clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth ☐ Solvent
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent
Weld _____
Describe access port 1/4" opening

6. LOCATION OF WELL
Sketch map location must agree with written location.
N
W E
S
Subdivision Name _____
Lot No. _____ Block No. _____
NE 1/4 SW 1/4
County Burnley
T. 46 S. R. 4 E. 10

7. WATER LEVEL
Department of Water Resources
Static water level 65 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 GOOD
Describe strata or temperature zones below

8. WELL TEST DATA
☐ Pump ☐ Baller ☒ Air ☐ Other
Discharge G.P.M. 300+ Pumping Level _____ Hours Pumped _____

9. LITHOLOGIC LOG
Core Depth Material Water Yes/No
Clam. From To
12 0 4 BASALT COBBLES & GRAVEL X
12 4 30 BASALT - FIRM X
10 30 40 TAHO CLAY - FIRM X
10 40 53 BASALT - SOFT W/CLAY BINDER X
53 53 150 BASALT - MTD. FRAGS. X
150 150 200 BASALT - HARD, FRAGS. X
200 200 300 BASALT - HARD TO VERY HARD, FRAGS. X
300 300 305 FRAGS. X
305 305 320 GRAY CLAY - HARD W/FRAGS. X
320 320 320 BASALT STRIPS X
320 320 410 TAHO CLAY - HARD X
410 410 420 BASALT - HARD X
420 420 420 GRAY CLAY - HARD X
420 420 425 TAHO CLAY - HARD X
425 425 440 BASALT - HARD, FRAGS. X
440 440 448 BASALT - FRAGS. W/TAHO X
300+ G.P.M.
DUE TO FRAG. AREAS & CLAY
STRIPS DO NOT SET PUMP
BELOW 300' W/OUT LINER

10. Work started 6/26/88 Finished 6/29/88

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Great Basin Drilling Co. Firm No. 319
Address 55613 LINKS RD. Date 7/6/88
Signed by (Firm Official) David A. Johnson
and Benjamin A. Johnson
(Operator)

M-7 North well

Description: Log Yard Well

Drilling Permit No. 750860

Well Tag No. **NONE**

Well ID# 276486

Water Right No. **NONE**

Receipt # **NONE**

Approved Date **NONE**

Hyperlink: <S:\Water & Wells\Water\Wells\Log Yard Well.pdf>

Location: South East corner of the log yard, Near Highway

Use: Log Yard Make up water, watering logs & dust abatement.

Pic:



? Log yard

Printed 04/20/2006
Drilling Permit No. 750860
Well Tag No.
Well ID # 276486
Water Right No.
Receipt #
Approved Date

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PACIFIC CROWN TIMBER PRODUCTS INC
Address: PO BOX 189
PLUMMER ID 83851

Phone: (208)686-1316

Proposed Well Location: Township 46N, Range 04W, Section 18, SW, SW
COUNTY BENEWAH

Street Address of Well Site:
ID

Proposed Use of Well: Industrial

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: Inches. Proposed Depth Feet.
- C. Anticipated Bottom Hole Temperature:

Construction Start Date:

Anticipated Well Drilling Company: FREDERICK WELL DRILLING (No. 71)

Applicant's Signature: _____ Date _____

Title: _____

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT



RECEIVED
JUL 16 1974
Department of Water Resources

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

1. WELL OWNER Name <u>PACIFIC CROWN</u> Address <u>PLUMMER IDAHO</u> Owner's Permit No. <u>95-74-N-6</u>		7. WATER LEVEL Static water level <u>32</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow Temperature <u>58</u> ° F. Quality <u>GOOD</u> Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning)		8. WELL TEST DATA ☐ Pump ☒ Bailor ☐ Other Discharge G.P.M. <u>40</u> Draw Down <u>4 ft</u> Hours Pumped <u>30 MIN</u>																																															
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) ☐ Municipal ☒ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole 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>8</td><td>0</td><td>10</td><td>Brown Clay</td><td></td><td>X</td></tr><tr><td>8</td><td>10</td><td>18</td><td>Basalt Gravel</td><td></td><td>X</td></tr><tr><td>8</td><td>18</td><td>24</td><td>Basalt Rock</td><td></td><td>X</td></tr><tr><td>6</td><td>24</td><td>50</td><td>Basalt Rock</td><td></td><td>X</td></tr><tr><td>6</td><td>50</td><td>150</td><td>Basalt Rock</td><td>X</td><td></td></tr><tr><td>6</td><td>150</td><td>166</td><td>Hard Basalt Rock</td><td></td><td>X</td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	8	0	10	Brown Clay		X	8	10	18	Basalt Gravel		X	8	18	24	Basalt Rock		X	6	24	50	Basalt Rock		X	6	50	150	Basalt Rock	X		6	150	166	Hard Basalt Rock		X
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																	
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>166</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>180</u> inches Diameter <u>6</u> inches From <u>18</u> feet To <u>33</u> feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet ____ inches _____ inches _____ feet _____ feet Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet 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 <u>24</u> Material used in seal ☒ Cement grout ☐ Pudding clay ☒ Well cuttings Sealing procedure used ☐ Sherry pit ☐ Temporary surface casing ☒ Overbore to seal depth																																																	
6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>BENEFIT</u> <u>SW 1/4 SW 1/4 Sec. 18 T. 46 N. R. 4</u>		10. Work started <u>MAY 28</u> finished <u>JUNE 20-74</u>																																															
		11. DRILLER'S CERTIFICATION Firm Name <u>FREDERICK WELL-DRILL</u> Firm No. <u>71</u> Address <u>SPRIT LAKE IDA</u> Date <u>JULY 14</u> Signed by (Firm Official) _____ and _____ (Operator) <u>Robert Frederick</u> MICROFILMED																																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

Long
Yard

Long Yard
For South
Along Highway
Scale - Shook

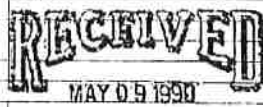
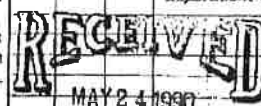
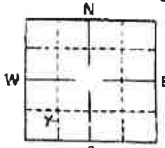
Form 238-7
9-92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCE

USE TYPEWRITER OR
BALLPOINT PEN

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>Racific Crown Timber Products</u> Address <u>P.O. Box 189 Phelan, Idaho 83851</u> Owner's Permit No. <u>95-90-W-26</u>		7. WATER LEVEL Static water level <u>30</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 _____ of. Quality <u>Good</u> Describe deviation or fluctuation in water level below																																																																		
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>100</u></td> <td></td> <td></td> </tr> </table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>100</u>																																																													
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11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Joe Drilling Inc.</u> Firm No. <u>319</u> Address <u>5713 S Link Rd.</u> Date <u>5-4-90</u> Signed by (Firm Official) <u>[Signature]</u> and <u>[Signature]</u> Operator <u>[Signature]</u>																																																																				

Form 238-7
9-92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCE

USE TYPEWRITER OR
BALLPOINT PEN

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>Pacific Groundwater Products</u> Address <u>P.O. Box 189 Plummer, Idaho 83851</u> Owner's Permit No. <u>55-90-N-26</u>	7. WATER LEVEL Static water level <u>30</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow Artesian closed-in pressure <u>n.s.</u> Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>60°F</u> Quality <u>Good</u> Describe variation or temperature trends below																																																																																								
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	5	50	TAN CLAY - FIRM																																																																																						
	50	58	BASALT - FRACT. - MEDIUM																																																																																						
	58	90	BASALT - HARD, FRAGS																																																																																						
	90	130	BASALT - VERY HARD																																																																																						
	130	20	BASALT - LAYERS 5000M																																																																																						
	20	30	BASALT - VERY HARD																																																																																						
	30	312	CLAY - FIRM																																																																																						
	312	35	CLAY - FIRM																																																																																						
	35	35	GRAY CLAY - HARD																																																																																						
	35	390	BASALT - HARD, FRAGS																																																																																						
	390	415	BASALT - FIRM																																																																																						
	415	520	BASALT - VERY HARD																																																																																						
4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other	RECEIVED MAY 09 1990 Department of Water Resources																																																																																								
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other Thickness <u>250</u> inches Diameter <u>8</u> inches From <u>0</u> feet To <u>62</u> feet Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated: ☐ Factory ☒ Knife ☐ Torch Size of perforation <u>3/8</u> inches by <u>1 1/2</u> inches Number <u>80</u> From <u>52</u> feet To <u>62</u> feet Well screen installed? ☐ Yes ☒ No Manufacturer's name Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>20</u> feet Material used in seal: ☒ Cement grout ☐ Bentonite ☐ Pudding clay Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Over-bore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld Describe access port <u>4" OPENING</u>	RECEIVED MAY 24 1990 Department of Water Resources																																																																																								
6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name <u>66-29-102</u> Lot No. _____ Block No. _____ County <u>BENAVIAH</u> Section <u>18</u> T. <u>46</u> S. R. <u>4</u> E. (Q)	10. Work started <u>4/25</u> finished <u>5/1/90</u>																																																																																								
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Joe Drilling Inc</u> Firm No. <u>319</u> Address <u>5219 S. Link Rd.</u> Date <u>5-4-90</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																																																									

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Owner's Permit No. 55-90-4-26

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replenishment
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dip ☐ Other

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other
250 inches diameter, 8 inches wall thickness, 1 inch from bottom
Has casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Packer seal? ☐ Yes ☒ No
How perforated? ☐ Perforated ☒ Cased ☐ Trench
Size of perforation 3/8 inch by 1 1/2 inches
Type of perforation 5/8 inch by 1/2 inch
Perforation performance ☐ Yes ☒ No
Well screen installed? ☐ Yes ☒ No
Manufacturer's name

Type of well ☐ Open ☐ Cased
Diameter ☐ Slot size ☐ Set from ☐ Model No.
Drill bit ☐ Slot size ☐ Set from ☐ Model No.
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel
Picked from ☐ Yes ☒ No
Surface seal depth ☐ Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Filling surface casing
Sealing procedure used: ☐ Slurry pit ☐ Grout to seal depth
Method of filling casing: ☐ Thrust ☒ Grout ☐ Solvent
Describe access point ☐ Connected between strata

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name W. E. S. R. 4
Lot No. 1 Block No. 1
County Donnerstag

Artesian pressure in pressure 0.81
Controlled by ☐ Valve ☐ Cap ☐ Plug
Temperature of 58.0 Quality Good
Exceeds minimum temperature

8. WELL TEST DATA

1 Pump ☐ Baller ☒ Air ☐ Other

Discharge G.P.M. 100 Pumping Level 100 Height Pumped 100

9. LITHOLOGIC LOG

Depth	Material	Water
From	To	Yard No.
0	5	1
5	10	2
10	15	3
15	20	4
20	25	5
25	30	6
30	35	7
35	40	8
40	45	9
45	50	10
50	55	11
55	60	12
60	65	13
65	70	14
70	75	15
75	80	16
80	85	17
85	90	18
90	95	19
95	100	20

RECEIVED
MAY 09 1990
Department of Water Resources

RECEIVED
MAY 24 1990
Department of Water Resources

Work started 4/25 finished 5/1/90

11. DRILLERS CERTIFICATION

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

Firm Name Donnerstag Firm No. 319
Address 3613 S. 4th St. Rd. Date 5-4-90
Signed by (Firm Official) Donnerstag
and Donnerstag
(Operator) Donnerstag

Description: Office Well

Drilling Permit No. 801654

Well Tag No. D0028277

Well ID# 372568

Water Right No. 95-8583

Receipt # N015540

Approved Date 05/14/2003

Hyperlink: [Wells\Main Office Well.pdf](#)

Location: Main Office Parking Lot (Across from Scale shack, in green enclosure)

Use: N/A

Pic:



Office

Printed 04/20/2006
Drilling Permit No. 801654
Well Tag No. D0028277
Well ID # 372568
Water Right No. 95-8583
Receipt # N016540
Approved Date 05/14/2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC.
Address: PO BOX 759
PLUMMER ID 83851

Phone: (208) 686-9080

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95
PLUMMER ID

Proposed Use of Well: Test

Well Construction Information:

A. New Well

B. Proposed Surface Diameter: 8 Inches Proposed Depth Feet: Maximum Permitted Depth:
130 Feet

C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Apr 29 2003

Anticipated Well Drilling Company: BRONSON WATER WELLS (No. 360)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 372568

Well Tag No. D0028277

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Wednesday, May 14, 2003.

Signature of Authorized Dept Representative

Title

COPY

DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

WELL TAG NO. D 0028277

DRILLING PERMIT NO.

Water Right or Injection Well No. 95-8583

2. OWNER: well#2

Name Plummer Forest Products, Inc

Address P.O. Box 759

City Plummer

State ID 2683851

3. LOCATION OF WELL by legal description:

(Dr. MUST provide address or Lot, Bk, Sub or Directions to well)

Top 46 North W or South E

Rgn 4 East W or West E

Sec 18 NW 14 SW 14

County Bend

Lat: Long: 95

Address of Well Site Hwy 95

City Plummer

Li Bk Sub Name

4. USE:

Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐
Thermal ☐ Corrosion ☒ log yard
cooling kilns

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
bentonite	0	30	600lbs	surface pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 130ft

Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Outer Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Direction
6	+24	130	250	steel	☒	☐	☒	

Length of Headpipe: Length of Tailpipe

Packer ☒ Y ☐ N Type shale trap 30ft

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method torch

Screen Type & Method of Installation

From	To	Slot Size	Number	Outer Diameter	Material	Casing	Liner
110	130	1/4x5	90	6	steel	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

23ft below ground Artesian pressure lb.

Depth flow encountered cap ft. Describe access port or control devices:

12. WELL TESTS:

Pump	Barrel	Flowing Level	Time
50		110	2hr

Water Temp cold

Water Quality test or comments clear

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

From	To	Remarks: lithology, water quality & temperature	Water
10	0	asphalt & fill	
2	4	basalt rubble	
4	8	black clay	
8	15	fractured basalt	
15	41	firm black basalt	
41	49	soft black basalt	x
49	69	hard black basalt	
69	71	fractured black basalt	x
71	04	hard black basalt	
104	06	soft black basalt	
106	30	hard black basalt	

Completed Depth 130ft

Date: Started 5/5 Completed 5/7/03

14. DRILLER'S CERTIFICATION

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

Company Name Bronson Water Wells Firm No 360

Principal Driller Edint Arason Date 5/15/03

Driller or Operator II Date

Operator I Date

Principal Driller and Rig Operator Required

Operator I must have signature of Driller/Operator II

FORWARD WHITE COPY TO WATER RESOURCES

COPY

DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

WELL TAG NO. D 0028277

DRILLING PERMIT NO.

Water Right or Injection Well No. 95-8583

2. OWNER: well#2

Name Plummer Forest Products, IncAddress P.O. Box 759City PlummerState ID 83851

3. LOCATION OF WELL by legal description:

You MUST provide address or Lot, Blk, Sub or Directions to well

Twp 46 North or SouthRge 4 East or WestSec 18 NW, NE, SW, SECounty Benewah

Long: _____

Address of Well Site Hwy 95City Plummer

Li _____ Blk _____ Sub Name _____

4. USE:

Domestic _____ Municipal _____ Irrigation _____

Thermal _____ Injection _____ Other _____

5. TYPE OF WORK check all that apply

X New Well _____ Modify _____ Abandonment _____ Other _____

6. DRILL METHOD:

X Air Rotary _____ Cable _____ Mud Rotary _____ Other _____

7. SEALING PROCEDURES

Seal Material bentonite From 0 To 30 Weight/Volume 600lbs Seal Placement Method surface pipeWas drive shoe used? X Y _____ N _____ Shoe Depth(s) 130ftWas drive shoe seal tested? X Y _____ N _____ How? _____

8. CASING/LINER:

Casing _____ Liner _____ Welded _____ Threaded _____

Length of Headpipe _____ Length of Tailpipe _____

Packer X Y _____ N _____ Type shale trap 30ft

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method torch

Screen Type & Method of Installation

From 110 To 130 Slot Size 1x5 Number 90 Diameter 6 Material steel Casing _____ Liner _____

10. FILTER PACK

Filter Material _____ From _____ To _____ Weight/Volume _____ Placement Method _____

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

23 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control device: _____

cap

12. WELL TESTS:

Pumps _____ Bailer _____

Flowing Artesian _____

Water Temp _____

Water Quality test or comments: clear

Bottom Hole Temp _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Date _____ From _____ To _____

Remarks: Lithology, Water Quality & Temperature

Water _____

10 0 2 asphalt & fill

2 4 basalt rubble

4 8 black clay

8 15 fractured basalt

15 41 firm black basalt

41 49 soft black basalt

49 69 hard black basalt

69 71 fractured black basalt

71 04 hard black basalt

104 06 soft black basalt

106 30 hard black basalt

Completed Depth 130ft (Measurable)Date Started 5/5 Completed 5/7/03

14. DRILLER'S CERTIFICATION

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

Company Name Bronson Water Wells Firm No. 360Principal Driller Edint Aronson Date 5/15/03

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

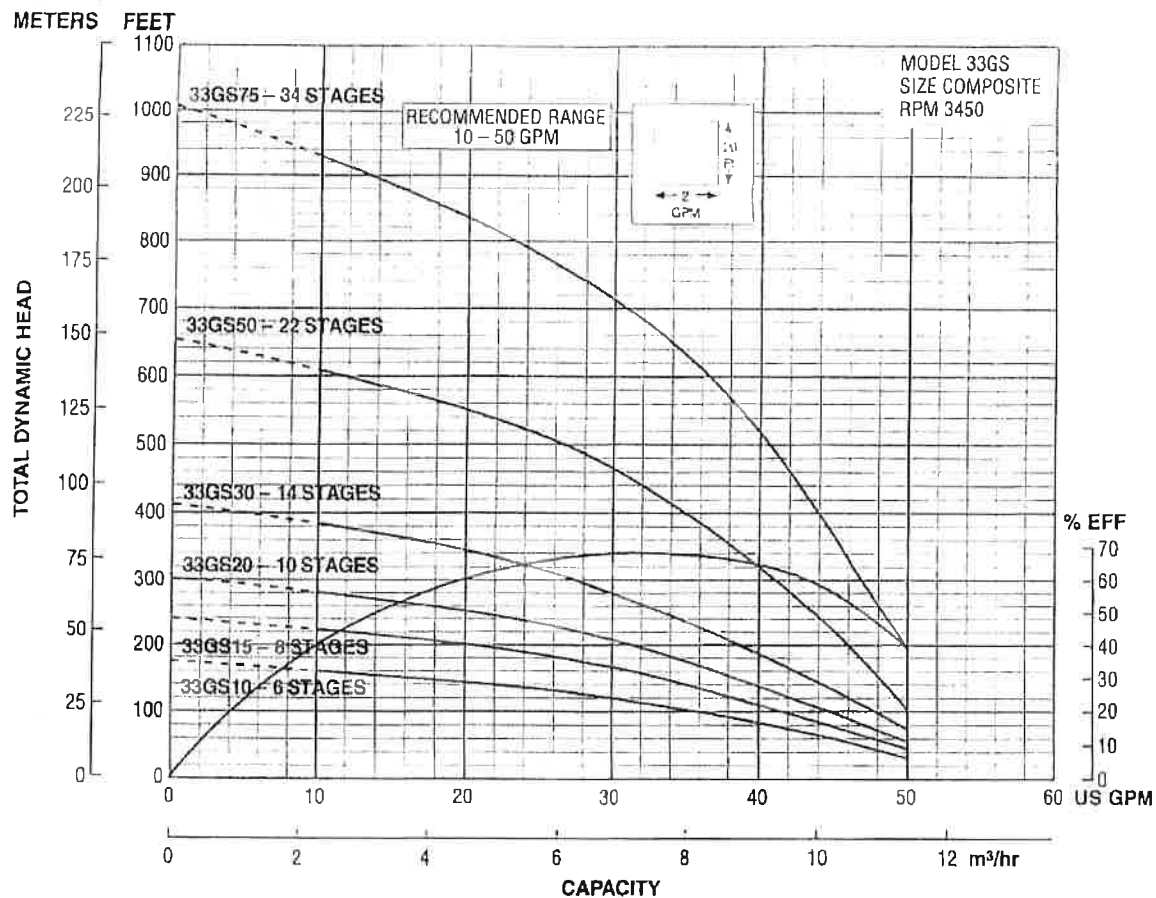
Principal Driller and Rig Operator Required.

Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

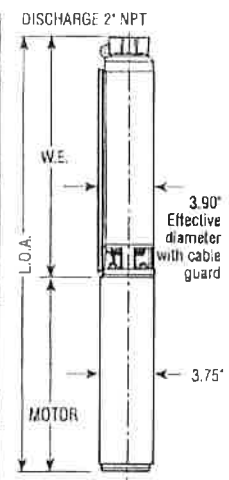
Model 33GS

 GOULDS PUMPS



DIMENSIONS AND WEIGHTS

HP	Stages	W.E. Order No.	Motor Order No.	PH	Motor Volts	Motor Length	W.E. ⌀ Length	L.O.A. ⌀	W.E. and Motor Weight
1	6	33GS10	S06940	1	230	9.5	14.2	23.7	32
			S06978		200				
			S06970	3	230	11.8	14.2	26	33
			S06975		460				
1½	8	33GS15	S07940	1	230	13.6	16.6	30.2	37
			S07978		200				
			S07970	3	230	11.8	16.6	28.4	32
			S07975		460				
			S07979*		575				
2	10	33GS20	S08940	1	230	19.1	15.1	34.2	40
			S08978		200				
			S08970	3	230	19.1	13.6	32.7	38
			S08975		460				
3	14	33GS30	S09940	1	230	23.5	24	47.5	65
			S09978		200				
			S09970	3	230	20.6	24	44.6	56
			S09975		460				
			S09979		575				
5	22	33GS50	S10940	1	230	29.5	35.2	64.7	88
			S10978		200				
			S10970	3	230	23.6	35.2	58.8	72
			S10975		460				
			S10979*		575				
7½	34	33GS75	S119784		200				
			S119704	3	230	29.6	49.6	79.2	92
			S119754		460				



NOTES:

For complete pump, order water end and motor.

① W.E. = water end or pump without motor.

② L.O.A. = length of assembly - complete pump - water end and motor.

* Non-stock motors have a 6 week lead time.

INVOICE

№ 14792



17 S. WILLOW • SPOKANE, WA 99206

SPOKANE PHONE (509) 926-4462

ST. MARIES, IDAHO PHONE (208) 245-4108

RATHDRUM, IDAHO PHONE (208) 687-3888

PHONE

CUSTOMER

ADDRESS

CITY

STATE

ZIP

WELL DIA.

DEPTH

YIELD

DATE _____

206

QTY.	ITEM	LIST/LABOR	CHARGE
	Goulds 75G5100 10hp 460 volt 4" motor	4,355 ⁰⁰	3919 50
	105' 2" Galv Drop pipe 1/0" x 12-4 Jacketed cable		391 80
	2" Brass fittings & 6" sealed. Cap		297 50
	Pump Running at 16.3 Amps		

If using credit card for payment, add 4.5%.

TERMS: NET 10 DAYS FROM INVOICE DATE.

A finance charge of 1 1/2% (21% corresponding annual percentage rate, \$1.00 minimum) will be charged on all unpaid accounts.

	SUBTOTAL	4608	80
2men - Tractor, 30 ft. PUMP TRUCK/LABOR		238	00
	SUBTOTAL	4846	80
	S. SALES TAX	276	50
	TOTAL	5123	30

Description: Truck Dump Well

Drilling Permit No. 807297

Well Tag No. D0028974

Well ID# 378108

Water Right No. 95-8583

Receipt # N015930

Approved Date 09/30/2003

Hyperlink: [Wells\Truck Dump Well.pdf](#)

Location: Near Truck Dump, West of Sawmill Building

Use: N/A

Pic: NONE (Not Able to physically locate)



Truck Dump

Printed 09/30/2003
Drilling Permit No. 807297
Well Tag No. D0028974
Well ID # 378108
Water Right No. 95-8583
Receipt # N015930
Approved Date 09/30/2003

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC
Address: PO BOX 759
PLUMMER ID 83851

Phone:

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95 (LOG YARD)
PLUMMER ID

Proposed Use of Well: Other

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 8 Inches. Proposed Depth Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Sep 25 2003

Anticipated Well Drilling Company: BRONSON WATER WELLS (No. 360)

Applicant's Signature: _____ Date _____

Title: _____

Well ID # 378108

Well Tag No. D0028974

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Tuesday, September 30, 2003.

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the local Health District or the Idaho Department of Environmental Quality which may be required prior to construction of this well. The local Health District should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals that may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho. If the well being drilled is associated with approved water rights(s) use of the well must comply with conditions of said water right(s).
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department of Water Resources immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or its contractors to contact "Dig-line" (Dig-Line is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig-Line " Number for this location is 1-800-342-1585
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Idaho Department of Water Resources for reconsideration, pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.


Signature of Authorized Dept. Representative

REGIONAL MANAGER
Title

20



17 S. WILLOW · SPOKANE, WA 99206
SPOKANE PHONE (509) 926-4462
ST. MARIES, IDAHO PHONE (208) 245-4108
RATHDRUM, IDAHO PHONE (208) 687-3888

[illegible]

If using credit card for payment, add 4.5%.

TERMS: NET 10 DAYS FROM INVOICE DATE.

A finance charge of 1 1/2% (21% corresponding annual percentage rate, \$1.00 minimum) will be charged on all unpaid accounts.

	SUBTOTAL				
700	PUMP TRUCK/LABOR				
	SUBTOTAL				
	S SALES TAX				
	TOTAL				

Description: Old Planer Well

Drilling Permit No. NONE

Well Tag No. NONE

Well ID# NONE

Water Right No. NONE

Receipt # NONE

Approved Date NONE

Hyperlink: NONE

Location: Adjacent to South Planer Well

Use: N/A

Pic:



Description: Old Cooling Tower Well

Drilling Permit No. NONE

Well Tag No. NONE

Well ID# NONE

Water Right No. NONE

Receipt # NONE

Approved Date NONE

Hyperlink: NONE

Location: Adjacent Cogen Building and Current Cooling Tower Well

Use: N/A

Pic:



Description: New Well

Drilling Permit No. 836166

Well Tag No. D0040865

Well ID# 406649

Water Right No. 95-8583

Receipt # N017194

Approved Date 09/20/2005

Hyperlink: <S:\Water & Wells\Water\Wells\New Well Scan.pdf>

Location: North of Main Office Parking Lot

Use: N/A

Pic:



New Well

Printed 09/20/2005
Drilling Permit No. 836166
Well Tag No. D0040865
Well ID # 406649
Water Right No. 95-8583
Receipt # N017194
Approved Date 09/20/2005

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: PLUMMER FOREST PRODUCTS INC
Address: PO BOX 759
PLUMMER ID 83851

Phone: (208) 686-9080

Proposed Well Location: Township 46N, Range 04W, Section 18, NW, SW
COUNTY BENEWAH

Street Address of Well Site: HWY 95
PLUMMER ID

Proposed Use of Well: Commercial

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 8 Inches. Proposed Depth 400 Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Sep 20 2005

Anticipated Well Drilling Company: ACTION DRILLING (No. 618)

Applicant's Signature:

James W. Murdoch

Date

9/21/05

Title:

C.O. Ben Supervisor

Well ID # 406649

Well Tag No. D0040865

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Tuesday, September 20, 2005.

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the local Health District or the Idaho Department of Environmental Quality which may be required prior to construction of this well. The local Health District should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals that may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho. If the well being drilled is associated with approved water rights(s) use of the well must comply with conditions of said water right(s).
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department of Water Resources immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or its contractors to contact "Dig-line" (Dig-Line is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig-Line " Number for this location is 1-800-342-1585
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Idaho Department of Water Resources for reconsideration, pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.



Signature of Authorized Dept Representative

REGIONAL MANAGER
Title



09/26/2005 14:59 FAX 800 832 9296

A Y MCDONALD MFG CO DBQ

001/003

PO Box 508 Dubuque, Iowa 52004-0508
Phone # 800/292-2737
Fax # 800/832-9296
E-mail -spotts@aymcdonald.com
Web site- www.aymcdonald.com

A . Y . M C D O N A L D
M F G . C O M P A N Y

FAX

To:	JIM	From:	Steve Potts
Company:		Pages:	
Fax:	1-208-686-9089	Date:	9/26/2005
CC:		Ref:	

☐ URGENT ☐ FOR REVIEW ☐ PER YOUR REQUEST PLEASE REPLY ☐ PLEASE RECYCLE

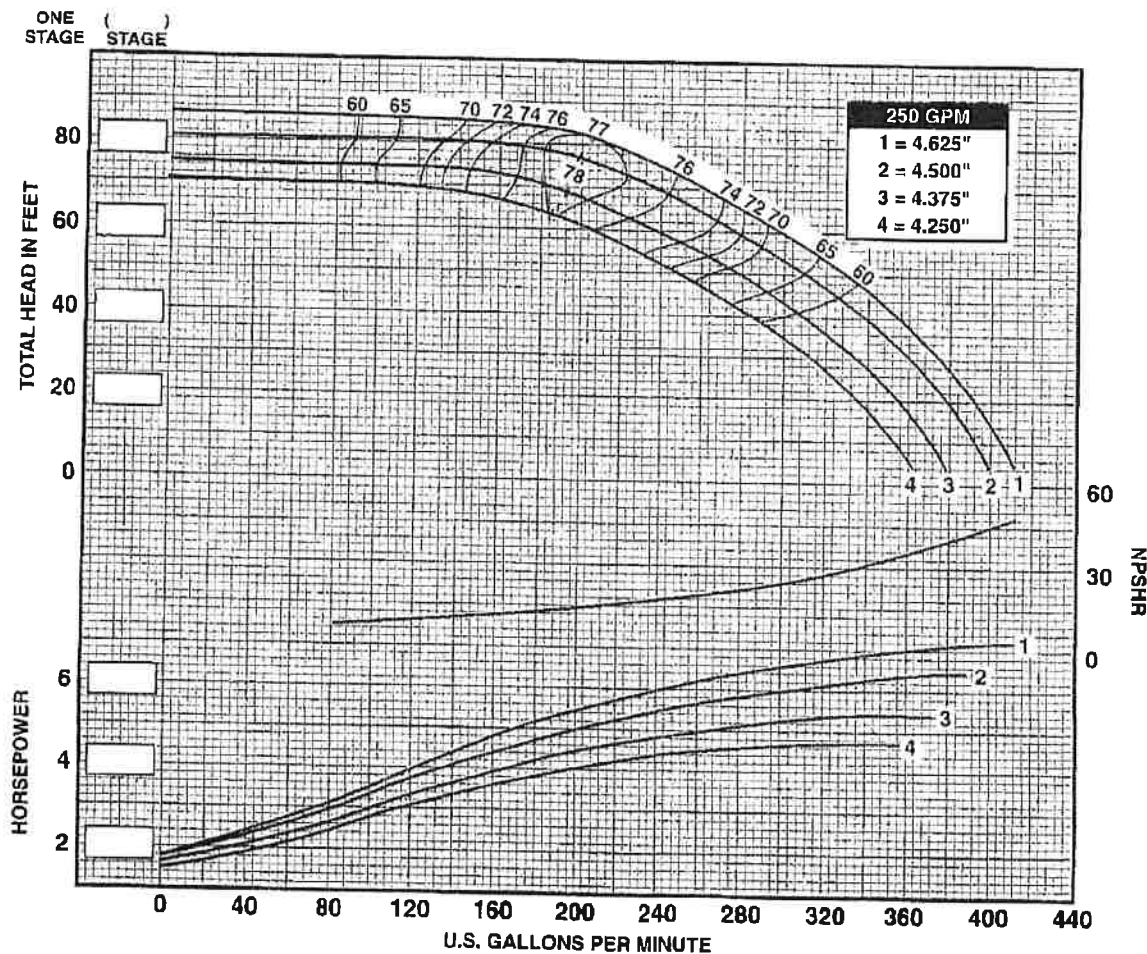
JIM,
THE DIAMETER OF THE TURBINE PUMP THAT WE WERE LOOKING AT IS AT THE BOTTOM OF THE PAGE
WITH THE STAR BY IT. THE DIAMETER OF THE MOTOR IS 5.44". IF YOU HAVE ANYMORE QUESTIONS
FEEL FREE TO GIVE ME A CALL.
THANKS
STEVE POTTS

PUMPS TURBINE 4-10" SUBMERSIBLES

250 GPM Series 6" - Minimum well size 6 1/2"

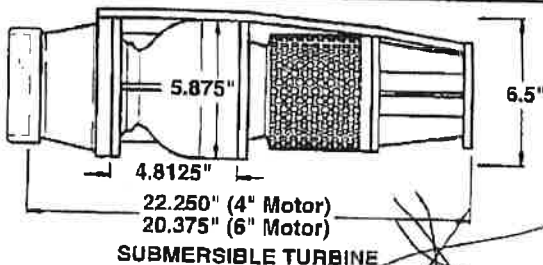
Single Stage Performance • 3450 RPM

250G ___ HP66 ___ Stages



250 GPM

HP	5	7 1/2	10	15	20
STANDARD IMPELLER DIAMETER	4.468"	4.156"	4.468"	4.468"	4.468"
HP	25	30	40	50	60
STANDARD IMPELLER DIAMETER	4.468"	4.468"	4.468"	4.468"	4.468"

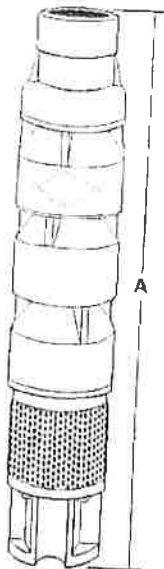


Standard shaft diameter	1.000"
Standard lateral setting	0.075"
Discharge sizes	3" - 4"
Intake screen area	27.00 IN ²
One stage wt. - lb.	55
Additional stage wt. - lb.	18.7
Impeller wt. - lb.	2.75
One stage WR ²	0.034 LB-FT ²
Impeller type	Enclosed
Impeller no.	SS6H
Max. sphere size	0.375"
K-factor, max.	2.70
Max. operating PSI	341
Min. submergence	11"
Impeller eye area	5.695 IN ²
Specific speed	2000

NO. STAGES	EFF. CHANGE
1	-4
2	-3
3	-2
4	-1
5	0

250 GPM Series

6" - Minimum well size 6 1/2"



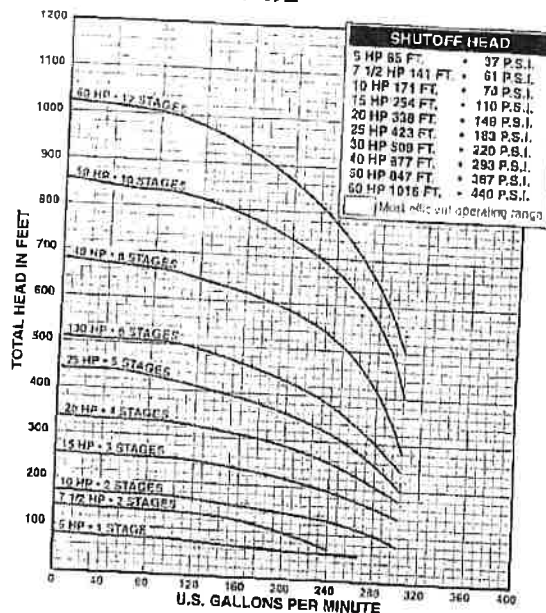
■ Sizes from 5 to 60 HP

MODELS AVAILABLE

MODEL NO.	HP	STAGES	BACKET	A	WT
250G5HP66	5	1	6"	20.375"	85
250G7.5HP66	7 1/2	2	6"	25.188"	105
250G10HP66	10	2	6"	25.188"	108
250G15HP66	15	3	6"	30.00"	131
250G20HP66	20	4	6"	34.813"	145
250G25HP66	25	5	6"	39.625"	165
250G30HP66	30	6	6"	44.438"	185
250G40HP66	40	8	6"	54.063"	225
250G50HP66	50	10	6"	63.688"	265
250G60HP66	60	12	6"	73.313"	305

All 250 GPM Series pumps have 4" discharge.

**3" discharge available.
Contact factory.**



OUTPUT IN GALLONS PER MINUTE

GALLONS PER MINUTE										DEPTH TO WATER										U.S. GALLONS PER MINUTE									
5 HP	PSI 0	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'									
7 1/2 HP	PSI 0	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'									
10 HP	PSI 0	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'									
15 HP	PSI 0	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'									
	30					305	290	265	240	200	60																		
	50					265	210	110																					
					210	140																							
20 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30				305	290	255	200																					
	50				275	235	140																						
					240	165																							
25 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30				305	290	260	225	140																				
	50				280	245	205																						
					250	240																							
30 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30					305	290	265	240	200																			
	50					285	255	225	170																				
						260	230	180																					
40 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30					305	301	290	275	255	235	200	650'	700'	750'	800'	850'	900'	950'										
	50					295	285	265	245	220	180																		
						285	265	245	225	185																			
50 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30								308	300	290	275	260	245	225	200	145												
	50								295	285	270	254	235	215	180	100													
									286	275	255	235	215	190	110														
60 HP	PSI 0	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'									
	30									305	301	298	290	280	265	255	240	225	200	160									
	50									304	297	288	275	260	245	235	215	185	135										
										295	285	275	265	250	235	215	190	140											
McDONALD MFG. CO.										*FRICTION LOSSES IN RISER PIPE, VARIOUS SIZES																			

*FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED
*CONTACT FACTORY FOR CAPACITIES NOT CATALOGED

Description: City Water?

Drilling Permit No. ???

Well Tag No. ???

Well ID# ???

Water Right No. ???

Receipt # ???

Approved Date ???

Hyperlink:

Location: Near Chip Bins/Highway

Use: City??

