

**NOTICE TO WATER WELL CONTRACTOR**

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

**RECEIVED** WATER WELL REPORT OF OREGON STATE ENGINEER SALEM, OREGON  
AUG 25 1970  
**RECEIVED** STATE ENGINEER SALEM, OREGON  
AUG 31 1970

**DESC** 203  
Well No. 14/71-9cc  
G-8501  
67618

**(1) OWNER:**

Name Brooks Resources  
Address 447 East Greenwood Bend, Oreg.

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**CASING INSTALLED:**

Threaded  Welded   
" Diam. from 0 ft. to 57 ft. Gage # 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used \_\_\_\_\_  
Size of perforations in. by in.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. Slot size Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. Slot size Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level.  
Was a pump test made?  Yes  No. If yes, by whom? Pipe-Pump & Power  
Yield: 800 gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 40 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement grout  
Well sealed from land surface to 22 ft.  
Diameter of well bore to bottom of seal 16 in. 1 1/2 yds.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal Bend Reli mix  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons \_\_\_\_\_ of water \_\_\_\_\_ lbs./100 gals.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: 3/4 - 1 1/2  
Gravel placed from 55 ft. to 22 ft.

**(10) LOCATION OF WELL:**

County Deschutes Driller's well number \_\_\_\_\_  
Section 9 T. 14S R. 9E W.M. \_\_\_\_\_  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 22 ft.  
Static level 18 ft. below land surface. Date 7/10/70  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 12  
Depth drilled 105 ft. Depth of completed well 60 ft.  
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Sand, pumice, fine	0	5	
Boulders	5	10	
Lava, grey, fractured	10	16	
Lava, grey	16	22	
Lava, grey, fractured	22	27	18
Lava, grey	27	32	
Clay, light brown	32	33	
Sediments, red	33	34	
Gravel, large to small and sediments	34	40	
Clay, light brown	40	45	
Sandy sediments, clay	45	55	
Gravel & sediments	55	60	
Gravel & clay	60	75	
Lava, grey & clay	75	81	
Lava, grey	81	85	
Lava, dense	85	105	

Work started 6/20/70 10 Completed 7/10/70 19  
Date well drilling machine moved off of well 7/15/70 10

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] \_\_\_\_\_ Date 8/1, 1970  
Drilling Machine Operator's License No. 130

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and the report is true to the best of my knowledge and belief.  
Name Reed's Well Drilling WATER RESOURCES DEPT  
Address -1142 Galveston Bend, OREGON  
[Signed] \_\_\_\_\_ Date 8/1, 1970  
Contractor's License No. 443

T 11380



NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report are to be filed with the

**RECEIVED**  
STATE ENGINEER  
SALEM, OREGON

ad  
14519E-16  
G-8501

STATE ENGINEER, SALEM, OREGON  
within 30 days from the date of well completion.

STATE ENGINEER (Type or print)  
SALEM, OREGON

State Well No. 14519E-16  
Permit No. G-8501

**(1) OWNER:**

Name EPOOKS RESOURCE  
Address 447 E GREENWOOD BEND, ORE. 97101

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
1/2" Diam. from 12 ft. to 287 ft. Gage 3/12  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No.

Type of perforator used TORCH  
Size of perforations 3/16 in. by 6 in.  
540 perforations from 245 ft. to 286 ft.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(7) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom? CORNELL  
1: 620 gal./min. with 15 ft. drawdown after 1 hrs.  
" 620 " 15 " 4 "  
" 805 " 12 " 48 "  
Baller test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 42° Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used CEMENT GROUT  
Well sealed from land surface to 150 ft.  
Diameter of well bore to bottom of seal 24 in.  
Diameter of well bore below seal 18 in.  
Number of sacks of cement used in well seal 530 sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons \_\_\_\_\_  
of \_\_\_\_\_ lbs./100 gals.  
Was drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Washington Driller's well number \_\_\_\_\_  
SE 1/4 NE 1/4 Section 16 T. 145 R. 9 E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 260 ft.  
Static level 245 ft. below land surface. Date 2/28/73  
Artesian pressure lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_

Depth drilled 287 ft. Depth of completed well 287 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
TOP SOIL BLACK	0	2	
CLAY & GRAVEL BROWN	2	12	
LAVA GREY MED	12	22	
CLAY BROWN & LAVA BROWN	22	99	
BASALT GREY (HARD)	99	112	
CLAY & BASALT BROWN BROWN	112	138	
BASALT GREY HARD	138	159	
CINDERS RED BASALT BROWN	159	178	
BASALT GREY HARD	198	219	
CLAY BROWN BASALT BROWN	219	249	
BASALT GREY HARD	249	260	
CINDERSTONE RED & MULTI			
COLORADO GRAVEL	260	282	
BASALT BLACK HARD	282	287	

Work started 11/25 1972 Completed 2/22 1973  
Date well drilling machine moved off of well 2/23 1973

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] \_\_\_\_\_ Date 2/28, 1973  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 348

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name CORP. DRILLING CO (Type or print)  
(Person, firm or corporation)

Address 1275 Madison Hwy PRINEVILLE  
97754

[Signed] \_\_\_\_\_ (Water Well Contractor)

Contractor's License No. 348 Date 2/28, 1973

RECEIVED

MAR 27 1973

WATER WELL CONTRACTOR SALEM, OREGON

#11

**Dess**  
914

JUN 17 1991

145/9E/16 AD

**STATE OF OREGON**  
**WATER WELL REPORT**  
(as required by ORS 537.765)

**WATER RESOURCES DEPT.**  
**SALEM, OREGON (START CARD) # 23611**

(1) OWNER: Well Number: \_\_\_\_\_  
 Name **Black Butte Ranch Association**  
 Address **P.O. Box 8000**  
 City **Black Butte Ranch** State **Or.** Zip **97759**

(2) TYPE OF WORK:  
 New Well  Deepen  Recondition  Abandon

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval Yes  No  Depth of Completed Well **370** ft.  
 Explosives used   Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
16"	0	287	Undisturbed			
15"	232	353				
12"	353	370				

How was seal placed: Method  A  B  C  D  E  
 Other

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from **-50** ft. to **-353** ft. Size of gravel **1/2 x 3/8**

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Line:	12"	+1 1/2	-354	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of sheets: **-354**

(7) PERFORATIONS/SCREENS:  
 Perforations Method **Machine**  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Telo/pipe size	Casing	Liner
324	354	1/8	1392			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		* 3				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem at \_\_\_\_\_ Time \_\_\_\_\_  
 25                          0                          370                          16 hr.

Temperature of water **49°** \_\_\_\_\_ Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes  No By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County **Deschutes** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **14** NW S. Range **9** E. W. M.  
 Section **16** SE 1/4 NE 1/4  
 Tax Lot **4800** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **Hawksbeard Rd.**  
**Black Butte Ranch**

(10) STATIC WATER LEVEL:  
**265** ft. below land surface. Date **4-26-91**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found **315**

From	To	Estimated Flow Rate	SWL
315	327	300 GPM	265
327	353	500 GPM	265

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
28 1/2 yds 22 sk cement slurry pumped	287	232	
Hard Black Basalt	287	315	
Red Cinder Conglomerate	315	327	265
Black Sand/Gravel/Boulder	327	353	
Fractured Gray Lava	353	370	
9.1 yds gravel used			
Well drilled by C&R Drilling Co.			
# 540 2-28-73			

Date started **4-18-91** Completed **6-7-91**

(unbonded) Water Well Constructor Certification:  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 Date \_\_\_\_\_

(bonded) Water Well Constructor Certification:  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.  
 Signed **B. D. [Signature]** WWC Number **685**  
 Date **6-14-91**

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report  
are to be filed with the

*desc*  
*51474*  
*21550*  
**WATER WELL REPORT**  
**STATE OF OREGON**  
(Please type or print)  
(Do not write above this line)

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

Revised

State Well No. ....  
State Permit No. ....

**(1) OWNER:**

Name Brooks Resources Corporation  
Address 416 N.E. Greenwood Ave.  
Redmond, Oregon 97701

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dig  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

10" Diam. from -2 ft. to 83'6" ft. Gage .250  
" Diam. from ft. to ft. Gage  
" Diam. from ft. to ft. Gage

**(6) PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used Factory & Mills Knife  
Size of perforations 3/16 in. by 4 in.  
560 perforations from 41'6" ft. to 81'6" ft.  
Existing perforations from ft. to ft.  
perforations from 22 ft. to 55 ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
Manufacturer's Name .....  
Type ..... Model No. ....  
Diam. .... Slot size ..... Set from ..... ft. to ..... ft.  
Diam. .... Slot size ..... Set from ..... ft. to ..... ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No. If yes, by whom?  
gal./min. with ft. drawdown after hrs.  
" " " " " "  
" " " " " "  
Baller test 10 gal./min. with 0 ft. drawdown after 1 hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered ft.

**(9) CONSTRUCTION:**

Well seal—Material used not disturbed  
Well sealed from land surface to ft.  
Diameter of well bore to bottom of seal in.  
Diameter of well bore below seal in.  
Number of sacks of cement used in well seal sacks  
How was cement grout placed?  
Was a drive shoe used?  Yes  No. Plugs Size: location ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? depth of strata  
Method of sealing strata off  
Was well gravel packed?  Yes  No Size of gravel:  
Gravel placed from ft. to ft.

**(10) LOCATION OF WELL:**

County Deschutes Driller's well number  
3/4 SW 3/4 Section 9 T14S R. 9E W.M.  
Bearing and distance from section or subdivision corner

Black Butte Ranch Well No. 1

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found ft.  
Static level ft. below land surface. Date  
Artesian pressure lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing  
Depth drilled ft. Depth of completed well 101 ft.  
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<b>RECEIVED</b>			
MAR 21 2012			
WATER RESOURCES DEPT SALEM, OREGON			
<b>RECEIVED</b>			
JUL 17 1979			
WATER RESOURCES DEPT SALEM, OREGON			

Work started 6-28 19 1979 Completed 7-2 1979  
Date well drilling machine moved off of well 19

**Drilling Machine Operator's Certification:**  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Orval Buckner Date 7-2, 1979  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 959

**Water Well Contractor's Certification:**  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Orval Buckner Well Drilling, Inc.  
(Person, firm or corporation) (Type or print)  
Address 1696 N.E. Megus Way, Redmond, Oregon  
[Signed] Orval Buckner  
(Water Well Contractor)  
Contractor's License No. 608 Date 7-10, 1979

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 587.705)

**DESC 1805**

SEP - 5 1989, OCT 04 1989  
 WATER RESOURCES DEPT. WATER RESOURCES DEPT.  
 SALEM, OREGON  
 State Well # 145/9E/9C (START CARD) 9609

(1) OWNER: Well Number: 1  
 Name Black Butte Ranch Inc  
 Address PO Box 800  
 City Black Butte Ranch State Ore Zip 97759

(2) TYPE OF WORK:  
 New Well  Deepen  Recondition  Abandon

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other

(4) ~~WATER~~ USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval Yes No Depth of Completed Well \_\_\_\_\_ ft.  
 Yes No    
 Explosives used   Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	

How was seal placed: Method  A  B  C  D  E  
 Other  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:  
 Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Baller  Air  Flowing Artesian  
 Yield gal/min Drawdown Drill stem at Time  
 \_\_\_\_\_ 1 hr.

Temperature of water \_\_\_\_\_ Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Top little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County Deschutes Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 14 N-S, Range 9 E-W, WM.  
 Section 9-C 1/4 1/4  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) \_\_\_\_\_

(10) STATIC WATER LEVEL:  
24 ft. below land surface. Date 6-20-89  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found \_\_\_\_\_

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
Water entering perforations and cascading down well. Estimated at 600 GPM.			
T.V. Camera showed water entering crevice below liner @ 82' crevice 2" wide x 8 feet long. Small amount <del>flowing</del> through bottom of well liner.			
Well base below filled with "Uyo-Baw" hole plug 80-93'			
Well sealed with cement grout pumped 80-78'			
Well now producing 650 GPM with 2' D.D			

Date started 6-20-89 Completed 6-30-89

(unbonded) Water Well Constructor Certification:  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well constructor standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 Date \_\_\_\_\_

(bonded) Water Well Constructor Certification:  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well constructor standards. This report is true to the best of my knowledge and belief.  
 Signed John V. Johnson WWC Number 595  
 Date 7-14-89