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

JUL 13 1995

WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) # 76158

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 4
Name JOHN CUTHBERT
Address 63502 Sandridge Road
City LaGrande State Oregon Zip 97850

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other Reverse Rotary Water

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 943 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
28"	0	1000	Benton.	36	8	6000#
28"	0	1000	Cement	8	0	1 Yard

How was seal placed: Method A B C D E
 Other Overbore & Place 5/8" Bentonite
Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from 36 ft. to 1000 ft. Size of gravel 1/4min

Casing	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded	Material
	16"	908	923	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>
	16"	933	943	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>
	16"	680	735	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>
	16"	745	780	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>
	16"	790	800	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>
	16"	820	840	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Steel</u>

Final location of shoe(s) N/A

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type Wire wrap Material Steel

From	To	Slot size	Number	Screen Diameter	Tele/pipe Size	Casing	Liner
923	933	.030		16"	<u>Pipes</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
735	745	.030		16"	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
780	790	.030		16"	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
800	820	.030		16"	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
840	860	.030		16"	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
900	425		361 hr.

Pump Bailer Air Artesian

Temperature of water 68 Depth Artesian Flow Found _____

Was a water analysis done? Yes 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 Union Latitude _____ Longitude _____
Township 2S N or S Range 38E X or W. WM. X
Section 1 SE 1/4 SE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Sandridge Road

(10) STATIC WATER LEVEL:
87 ft. below land surface. Date 4-12-95
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 76'

From	To	Estimated Flow Rate	SWL
<u>ALL SAND & GRAVEL BELOW 76'</u>			

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Top soil	0	3	
Fine Brown Sand	3	15	
Sandy Brown Clay	15	38	
Fine Brown Sand	38	61	
Sandstone	61	88	
Brown Clay	88	94	
Fine Brown Sand	94	113	
Soft Sandstone	113	117	
Fine Brown Sand	117	124	
Fine Brown Sand	124	134	
Fine Brown Sand w/Clay	134	142	
Brown Sand-Cleach Clay	142	144	
Brown Clay	144	155	
Brown Clay w/Sand Layer	155	164	
Brown Clay w/Sand Layer	164	174	
Brown Clay	174	184	
Green Clay	184	189	
Brown Clay	189	204	
Brown Clay	204	214	
Brown Clay w/Sand Layer	214	224	

Date started 3/6/95 Completed 4/14/95

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed [Signature] WWC Number 1505
Date 5/9/95

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed [Signature] WWC Number 1506
Date 5/9/95

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JUL 13 1995

(START CARD) # 76158

Instructions for completing this report are on the last page of this form.

WATER RESOURCES DEPT.

SALEM, OREGON

(1) OWNER: JOHN CUTHBERT (Continued) Well Number 63502 Sandridge Road City LaGrande State Oregon Zip 97850

(2) TYPE OF WORK: New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD: Rotary Air Rotary Mud Cable Auger Other

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

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

Table with columns: HOLE Diameter, SEAL From, To, Material, From, To, Sacks or pounds

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: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s) N/A

(7) PERFORATIONS/SCREENS: Perforations Method Screens Type Wire Wrap Material Steel

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour

Table with columns: Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time

Temperature of water Depth Artesian Flow Found Was a water analysis done? Did any strata contain water not suitable for intended use? Salty Muddy Odor Colored Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Union Latitude Longitude Township 2S N or XX Range 38E XX or W. WM. Section 1 SE 1/4 SE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) Sandridge Road

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL

Date started Completed

(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 water supply well construction standards. Signed Ley Daugherty WWC Number 1905 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. Signed WWC Number 1506 Date

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WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON

WATER WELL REPORT (CONTINUED)

(START CARD)#: 76158

1. OWNER:	WELL# <u>4</u>
NAME: <u>JOHN CUTHBERT</u>	
ADDRESS: <u>63502 Sandridge Road</u>	
CITY: <u>LaGrande</u>	STATE: <u>OR</u> ZIP: <u>97850</u>

LITHOLOGIC LOG

MATERIALS	FROM	TO	SWL
Fine to Medium White Sand	558	562	
Gray Clay	562	563	
Fine to Coarse Sand	563	564	
Clay w/sand layer at 579'	564	583	
Fine to Medium White Sand	583	589	
Gray Clay	589	604	
Fine to Medium Gray Sand	604	610	
Gray Clay	610	614	
Fine to Medium Gray Sand	614	618	
Gray Clay	618	624	
Light Blue Clay	624	643	
Clay & Sand Mixed	643	647	
Fine to Medium Sand	647	648	
Blue Clay	648	659	
Brown Clay	659	662	
Fine to Medium Sand	662	671	
Clay & Fine Sand Layered	671	673	
Fine Sand	673	680	
Gray Clay	680	682	
Gray Clay	682	701	
Gray Clay	701	742	
Coarse Sand	742	745	
Black Clay	745	750	
Gray Clay	750	775	
Sand & Clay	775	790	
Gray Clay	790	800	
Coarse Sand	800	806	
Caorse Sand	806	810	
Coarse Sand	810	815	
Clay	815	840	
Sand & Clay	840	847	
Coarse Sand	847	848	
Sand & Clay	848	851	

