Amendment **KLAM 55522** Klam 55522 L 81979

STATE OF OREGON PAGE 2 OF 2 WELL ID # ____

WATER SUPPLY WELL REPORT START CARD # 168723

as required by ORS 537.765)

(1) OWNER: Well Number: (1)

Name: Ridge H2O Utility

Address:

City: State: Zip:

(2) TYPE OF WORK: (repair/

☐ New Well ☐ Deepening ☐ Alteration 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 ____

Explosives Used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	Material	SEAL From	To	sacks or pounds
23"	0	55	Cement	0	55	121 SKS
19"	55	436	Cement	55	436	350 SKS
14"	436	899	Cement	863	899	50 SKS
10	899	1355	—	—	—	—

How was seal placed: Method ☐ A ☒ B ☒ C ☐ D ☐ E

☐ Other

Backfill placed from ____ to ____ Material ____

from ____ to ____ Material ____

Gravel placed from ____ to ____ Size of gravel ____

(6) CASING/LINER:

CASING:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

LINER:

				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of Shoe(s): ____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method: ____

☐ Screen Type: ____ Material: ____

From	To	Slot Size	No.	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gpm	Drawdown	Drill Stem at	Time
			1 hr.

Temperature of water ____ Depth Artesian Flow Found ____

Was a water analysis done? ____ By whom:

Did any strata contain water not suitable for intended use? (explain)

Depth of Strata:

RECEIVED
AUG 22 2007
WATER RESOURCES DEPT
SALEM, OREGON

(9) LOCATION OF WELL by legal description:

County: ____ Latitude: ____ Longitude: ____

Township: ____ Range: ____

Section: ____ ____ ¼ ____ ¼

Tax Lot: ____ Lot: ____ Block: ____ Subdivision: ____

Street Address of Well (or nearest address) ____

(10) STATIC WATER LEVEL:

____ Ft. below land surface Date ____

Artesian pressure ____ lb. per sq. in. Date ____

(11) WATER BEARING ZONES:

Depth at which water was first found ____

From	To	Est. Flow Rate	SWL

(12) WELL LOG: Ground Elevation: ____

Material	From	To	SWL
Amended Well log			
Item # 5			
20" Casing Seal Method C	0	55	
16" Casing Seal Method B	55	436	
10" Casing Seal Method B	863	899	
Amended date 8-20-07			

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. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number ____

Signed ____ 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 723

Signed ____ Date ____

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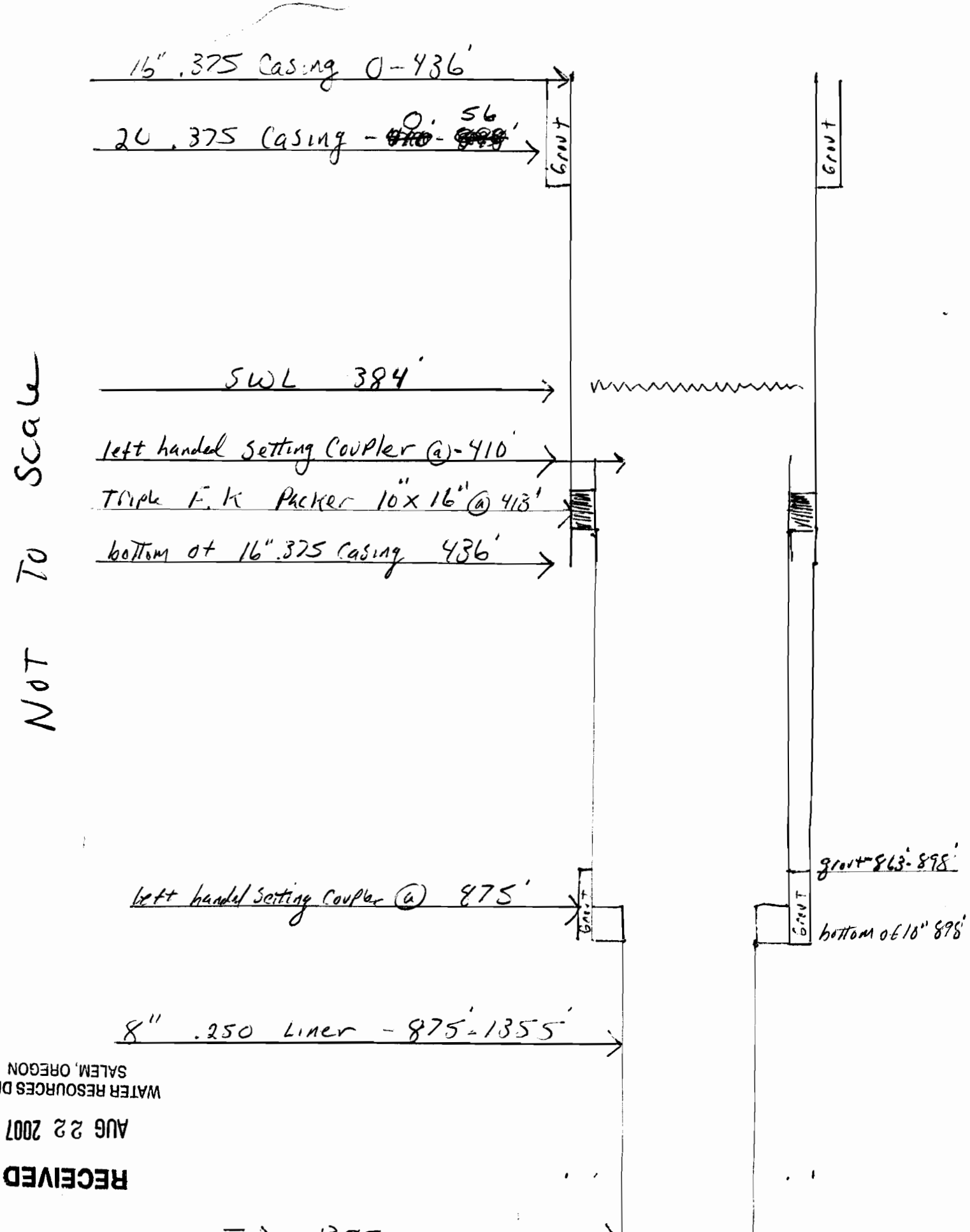
Ridge Hao WILLIAM 55522

7-19-06



KLAM 55522

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

WELL ID # L 81979
START CARD # 168723

(1) OWNER:
Well Number: # 1
Name: Ridge Water Utility
Address: 5115 Running Y Road
City: Klamath Falls State: OR Zip: 97601

(2) TYPE OF WORK: (repair/recondition)
☒ New Well ☐ Deepening ☐ Alteration ☐ 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 1355
Explosives Used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	Material	SEAL From	To	sacks or pounds
23	0	55	cement	0	55	121 bags
19"	55	436	cement	55	436	350 bags
19"	0	55	cmnt-sand	0	55	50 bags

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from to Material
from to Material
Gravel placed from to Size of gravel

(6) CASING/LINER:
CASING:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
20"	+1	-55	.375	☒	☐	☒	☐
16"	+1	-436	.375	☒	☐	☒	☐
10"	-416	-899	365	☒	☐	☒	☐
				☐	☐	☐	☐

LINER:

				☐	☐	☐	☐
8	-875	-1355	.250	☒	☐	☒	☐

Final location of Shoe(s): none

(7) PERFORATIONS/SCREENS:
☒ Perforations Method: factory slot
☐ Screen Type: Material:

From	To	Slot Size	No.	Tele/pipe Diameter	size	Casing	Liner
955	1015	1/8	2304		p	☐	☒
1135	1155	1/8	576		p	☐	☒
1215	1255	1/8	1152		p	☐	☒
1295	1335	1/8	1152		p	☐	☒
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

	Yield gpm	Drawdown	Drill Stem at	Time
Air	1200		1275	1 hr.
PMP	900	16		36

Temperature of water 61 Depth Artesian Flow Found
Was a water analysis done? By whom:
Did any strata contain water not suitable for [illegible] (explain)
too little
Depth of Strata:

RECEIVED
AUG 15 2006
WATER RESOURCES DEPT
SALEM, OREGON

(9) LOCATION OF WELL by legal description:
County: Klamath Latitude: Longitude:
Township: 38S Range: 8E
Section: 26 ¼ SW ¼
Tax Lot: 200 Lot: Block: Subdivision:
Street Address of Well (or nearest address) N/A

(10) STATIC WATER LEVEL:
384 Ft. below land surface Date 6-30-06
Artesian pressure lb. per sq. in. Date

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

From	To	Est. Flow Rate	SWL
See attached			

(12) WELL LOG: Ground Elevation:

Material	From	To	SWL
SEE ATTATCHED!!!!!			

Date Started: 5-18-06 Completed: 6-30-06

(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.

WWC Number 723
Signed ~Chuck Stadel Date 7-30-06

(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.

WWC Number 723
Signed Date 7-30-06

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11) Water Bearing Zones:

Depth at which water was first found: 399 ft

From	To	Estimated Flow Rate	SWL
399 ft	406	50	291
497	520	50	373
763	779	100	373
816	820	100	373
961	1020	200	386
1131	1145	200-250	386
1191		200	386
1199	1253	200	386
1290		100	386
1316	1339	250	386

Material	From	To
Cobbles loose clay	0	17
Rock med-hard	17	24
Rock-brn-med	24	50
Gry	50	71
Brn	71	96
Gry hard	96	171
Brn Med	171	176
Gry Hard	176	179
Brn loose	179	188
Gry hard	188	366
Cindery brn red	366	375
Ash claystone-gry	375	384
Rock gry red	384	392
Softer	392	399

KLAM 55522

Cinduy Ash	399	406
Rock Gry	406	429
Hrd	429	456
Brn Med	450	497
Cindery-red	497	522
Rock brn	522	701
Cindery gry	701	726
Rock gry med	726	741
Hard	741	763
Fract	763	779
Rock brn	779	816
Cinder ash	816	820
Rock med soft	820	891
Rock gry hrd	891	909
Brnk grey	909	961
Fract zone	920	-
Green		1020
Volcanic hard	1020	1086
Hrd tract	1086	1120
Basalt hard	1120	1131
Rubble mlt clr	1131	1145
Hrd	1145	1159
Med hrd	1159	1161
Basalt hrd	1161	1184
Mug	1184	1191
Grey-some green	1191	1252
Fractured rough	1252	1253
Smooth	1253	1290
Semi fract	1290	1316
Volcanic-multi	1316	1339
Basalt- med-hrd fract	1339	1355