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STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

MAY 06 2003

PAGE 1

WELL I.D. # L 57464
START CARD # 149160

Instructions for completing this report are on page 2 of this form.

(1) LAND OWNER Well Number _____
Name SHASTA VIEW IRR DIST
Address P.O. Box 46
City MALIN State OR Zip 97632

(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 620 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
24"	0	75	CEMENT	25	75	6625
20"	-75	300	BENTONITE	0	18	33 SACKS
16"	300	425	OPEN			
12"	425	620				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☒ Other BENTONITE POURED DRY
Backfill placed from -18 ft. to 25 ft. Material BENTONITE
Gravel placed from _____ ft. to _____ ft. Size of gravel 15 SACKS

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 20"	+1	75	250	☒	☐	☒	☐
Liner:				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing
☐ Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1200		600'	1 hr.

Temperature of water 62° 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 KLAMATH Latitude _____ Longitude _____
Township 41 N or S Range 12 E or W. WM.
Section 6 NE 1/4 NW 1/4
Tax Lot N/A Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) N. OFF PAYER WAY

(10) STATIC WATER LEVEL:

105 ft. below land surface. Date 4-30-03
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 240' 139

From	To	Estimated Flow Rate	SWL
139	145	2 gpm	112
240	480	500 +	112
559	625	1000 +	112

(12) WELL LOG:

Ground Elevation 4100'

Material	From	To	SWL
SANDY TOPSOIL	0	8	
BROWN SAND	8	21	
GRAY CLAY	21	60	
GRAY CLAY / BOULDERS	60	70	
BASALT	70	139	
GRAY CLAY / SAND / BLN LMR	139	145	112
BASALT	145	178	
GREEN CLAY	178	185	
BASALT / BRN CLAY	185	187	
BASALT	187	212	
BROKEN BASALT / GRN. CLAY	212	222	
GREEN CLAY	222	230	
CLAY / SANDSTONE LAYERS	230	240	112
BROWN SAND	240	267	
SAND / CLAY	267	273	
SAND / SANDSTONE LAYERS	273	300	
BLACK & RED CINDERS	300	330	
BASALT	300	350	

CONTINUED ON NEXT PAGE

Date started 9-04-02 Completed 4-30-03

(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 1355
Signed Arthur L. Jay Date 5-05-03

PAGE 2

WELL I.D. # L 57464
START CARD # 149160

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Township 41 N of (S) Range 12 E of W. WM.
Section 6 NE 1/4 NW 1/4
Tax Lot N/A Lot _____ Block _____ Subdivision _____
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☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger
☐ Other _____

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

Special Construction approval ☐ Yes ☒ No Depth of Completed Well _____ ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			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/DRILL

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☐ None

Final location of shoe(s) _____

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

☐ Pump ☐ Bailer ☐ Air ☐ Flowing
☐ Artesian

Yield gal/min	Drawdown	Drill stem at	Time
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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: _____

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch Date _____

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
		RECEIVED	
		MAY 06 2003	
		WATER RESOURCES DEPT	
		SALEM OREGON	

Ground Elevation _____

Material	From	To	SWL
CONTINUED FROM PAGE 1			
BROKEN BASALT / GRAVEL	350		
+ SAND		362	112
BASALT	362	375	112
BROKEN BASALT SEAMS	375		
OF CLAY + CINDERS		440	112
RED + BLACK CINDERS	440	467	112
BROWN SAND	467	480	112
BRN. SANDY CLAY	480	559	
BASALT / BLK + BRN LAVA	559	625	112
LOST 2 - 5 ^{3/4} " CARBIDE ROLLER			
CONES FROM HOLE OPENER			
LAYING @ 620'			
GRADUAL INCREASE OF FLOW			
THROUGH W/B ZONES			

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Signed Arthur L. Long WWC Number 1355
Date 5-05-03