

LAKE 52506

# LAKE 52506

## STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 111501

START CARD # 209509

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

**(1) LAND OWNER** Owner Well I.D.  
 First Name Mark Last Name Douglas  
 Company Surprise Valley Electric  
 Address 516 Hiway 395 E  
 City Alturas State OR Zip 96101

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

**(3) DRILL METHOD**  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Reverse Rotary  Other \_\_\_\_\_

**(4) PROPOSED USE**  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  Injection  
 Thermal  Other cooling water

**(5) BORE HOLE CONSTRUCTION** Special Standard:  Yes (attach copy)  
 Depth of Completed Well 378 ft.

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs
26	0	20	concrete	0	20		35
12 1/4	20	378					

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

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Filter pack from 0 ft. to 378 ft. Material GUL Size 3/8  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

**(6) CASING/LINER**

Csng	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
✓		10 3/4		2	315	250	✓		✓	

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
 Temporary casing  Yes Diameter \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**  
 Perforations Method Lo-carbon steel / Holte Perf  
 Screens Type wire wound Material \_\_\_\_\_

Perf	Scrn	Csng	Linr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size
✓	✓			10 3/4	315	375	.100			
✓					40	315		3	2200	

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
<u>&lt;100</u>		<u>335</u>	<u>14 hrs</u>

Temperature 118 °F Lab analysis  Yes By \_\_\_\_\_  
 Water quality concerns?  Yes (describe below)

From	To	Description	Amount	Units

**(9) LOCATION OF WELL (legal description)**  
 County LAKE Twp 33 N or S S Range 18 E or W W.M.  
 Sec 23 SW 1/4 of the 14E 1/4 Tax Lot \_\_\_\_\_  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat \_\_\_\_\_ ° ' " or LOT 69988 m 8 DMS or DD  
 Long \_\_\_\_\_ ° ' " or 4730012 m 4 DMS or DD  
 Street Address of Well (or nearest address) 1/4 mile 140 of Daisley

**(10) STATIC WATER LEVEL**

Existing Well/Predeepening	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>2-8-14</u>	<u>83</u>		

Flowing Artesian?  Yes Dry Hole?  Yes

**WATER BEARING ZONES** Depth water was first found 83'

SWL Date	From	To	Flow	SWL (psi)	+	SWL (ft)
<u>Well was completed using muddy</u>						

**(11) WELL LOG** Ground Elevation 4476

Material	From	To
Soil w/ Bru clay	0	25
Pea Gravel	25	45
Gray sand-pebbles		
w/ clay	45	185
Grey sand	185	220
Bru/ Grey pebbly clay	220	275
Bru pebbly clay	275	320
Bru pebbly clay		
w sand	320	360
Coarse sand	360	378

Date Started 1-18-14 Completed 2-8-14

**(unbonded) Water Well Constructor Certification**  
 I certify that the work I performed on the construction, deepening, 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.  
 RECEIVED BY OWRD FEB 21 2014  
 License Number \_\_\_\_\_ Date \_\_\_\_\_  
 Signed APR 04 2014 SALEM, OR

**(bonded) Water Well Constructor Certification**  
 I accept liability for the construction, deepening, 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.  
 License Number 1946 Date 2-14-14  
 Signed W. B. Apple  
 Contact Info. (optional) 775-217-0620