



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

WELL I.D. # L 29453  
 START CARD # 107319

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

(1) OWNER: Well Number \_\_\_\_\_  
 Name ZX Ranch / J.R. SIMPOT CO.  
 Address PO BOX 7  
 City PAISLEY State ORE Zip 97136

(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 619 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
24	0	489	0	60	60 SK
22	489	560.5	560	560	40 SK
12 1/4	560	619			

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: 16"	+1	560.5	7/8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 560.5 FEET

(7) PERFORATIONS/SCREENS:

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

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
3000	77		B

Temperature of water 65°F 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 LAKE Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 33S N or S Range 19E E or W. WM. \_\_\_\_\_  
 Section 7 NE 1/4 SE 1/4  
 Tax Lot # 500 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) RED HOUSE, RD PAISLEY OREGON

(10) STATIC WATER LEVEL:  
62 ft. below land surface. Date 6/4/01  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found 607 FT.

From	To	Estimated Flow Rate	SWL
607	619	3000	62

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

Material	From	To	SWL
SEE ATTACHED SHEET			
RECEIVED BY CWRD			
AUG 22 2013			
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JUL 12 2001			
WATER RESOURCES DEPT SALEM, OREGON			

Date started MAY 18, 01 Completed JUNE 6, 01

(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 601  
 Signed \_\_\_\_\_ Date 7/9/01

# STOREY DRILLING SERVICES

P.O. Box 98 • MIDLAND, OREGON 97834  
(541) 884-3990 • (800) 245-8122  
Fax #: (530) 528-2582

22580 ADOBE ROAD • RED BLUFF, CALIFORNIA 96080  
CONTRACTOR'S LICENSES:  
OR #801 • CA #583153 • NV #38199



Z X Ranch  
J R Simplot Company, Inc.  
P. O. Box 7  
Paisley, Oregon 97636

START: May 18, 2001  
FINISH: June 6, 2001

**WELL LOCATION:** Red House Road, Paisley, Oregon - north of Z X bunkhouse approximately 3/8ths mile  
NE¼ SE¼ S7 T33S R19E

### LOG

0 - 3	Brown clay topsoil
3 - 19	Coarse sand & pea gravel
19 - 20	Medium pea gravel & brown clay
20 - 40	Medium pea gravel
40 - 83	Brown clay & shale with streaks medium pea gravel
83 - 160	Sandy brown clay
160 - 254	Green clay
254 - 274	Gray clay, sand & fine gravel
274 - 371	Gray clay
371 - 399	Sticky gray clay
399 - 560	Gray clay & shale
560 - 565	Black basalt
565 - 568	Green clay
568 - 576	Decomposed basalt
576 - 598	Hard black basalt
598 - 607	Hard gray basalt
607 - 612	Black lava
612 - 619	Black basalt

561 feet 4 inches of 16 inch O. D. casing set at 560½ feet  
24 inch diameter hole from 0 - 489 feet; 22 inch diameter hole 489 - 560½ feet; 12¼ inch diameter hole 560½ - 619 feet.  
Casing cemented from 0 - 55 feet and 530 - 560 feet  
Static water level 62 feet; Temperature 65° Fahrenheit  
Airlifted approximately 2000 GPM at 370 feet.  
Test pumped 3000 GPM at 77 feet.

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JUL 1 2 2001

WATER RESOURCES DEPT.  
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SALEM, OREGON

AUG 22 2013

SALEM, OR

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

WELL I.D. # 465614  
START CARD # 107293

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

(1) OWNER: Well Number \_\_\_\_\_  
Name ZX RANCH / J.R. SIMPSON COMPANY  
Address PO BOX 7  
City PAISLEY State ORE Zip 97336

(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 833 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
<u>28</u>	<u>0</u>	<u>21</u>	<u>CONCRETE</u>	<u>0</u>	<u>21</u>	<u>25 SKS</u>
<u>22</u>	<u>21</u>	<u>336</u>				
<u>17 1/2</u>	<u>336</u>	<u>634</u>				
<u>12 1/4</u>	<u>634</u>	<u>707</u>	<u>3/4</u>	<u>707</u>	<u>833</u>	

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: <u>24</u>	<u>+1</u>	<u>21</u>	<u>375</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: <u>18</u>	<u>+1</u>	<u>233</u>	<u>3/2</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<u>16</u>	<u>233</u>	<u>634</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 634 FT

(7) PERFORATIONS/SCREENS:

From	To	Slat size	Number	Diameter	Material	Casing	Liner
<del>Table content is crossed out with a large diagonal line.</del>							

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time
<u>500</u>		<u>240</u>	<u>1 hr.</u>

Temperature of water 70°F 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 LAKE Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 33S N or S Range 19E E or W. WM.  
Section 8 NW 1/4 SE 1/4  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) RED HOUSE RD  
PAISLEY OREGON

(10) STATIC WATER LEVEL:  
30 ft. below land surface. Date 9/30/04  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

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

From	To	Estimated Flow Rate	SWL
<u>640</u>	<u>689</u>	<u>500</u>	

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

Material	From	To	SWL
<u>SEE ATTACHED LOG</u>			
<b>RECEIVED</b> OCT 19 2004 WATER RESOURCES DEPT RECEIVED BY OREGON AUG 22 2013 SALEM, OR			

Date started Aug 9, 04 Completed Sept 30, 04  
(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 statement is true to the best of my knowledge and belief.

WWC Number 601  
Signed \_\_\_\_\_ Date 10/12/04

# STOREY DRILLING SERVICES

P.O. Box 98 • MIDLAND, OREGON 97634  
 (541) 884-3990 • (800) 245-8122  
 Fax #: (530) 528-2562

22560 ADOBE ROAD • RED BLUFF, CALIFORNIA 96080  
 CONTRACTOR'S LICENSES:  
 OR #601 • CA #583153 • NV #38199

ZX Ranch – J.R. Simplot Company  
 P. O. Box 7  
 Paisley, Oregon 97636

START: August 9, 2004  
 FINISH: September 30, 2004



**WELL LOCATION:** Red House Road at the east end of the feed yard on south side of road – Paisley, Oregon  
 NW¼ SE¼ S8 T33S R19E

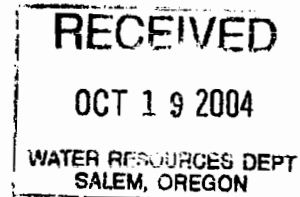
## LOG

0 - 27	Yellow shale
27 - 41	Gray clay & shale
41 - 51	Yellow shale
51 - 149	Gray clay & shale
149 - 269	Green clay
269 - 272	Hard green shale with clay
272 - 379	Green clay
379 - 385	Gray shale
385 - 421	Sticky blue clay
421 - 439	Green clay
439 - 574	Green shale & clay
574 - 630	Green sticky clay
630 - 636	Brown basalt
636 - 648	Black basalt
648 - 666	Hard black basalt
666 - 681	Hard broken black basalt
681 - 692	Black basalt
692 - 712	Hard broken black basalt
712 - 719	Brown basalt
719 - 724	Hard broken black basalt
724 - 730	Brown basalt
730 - 736	Hard broken black basalt
736 - 740	Brown basalt
740 - 755	Hard broken black basalt
755 - 758	Black basalt
758 - 786	Blue ash rock & gray clay
786 - 802	Hard broken black basalt
802 - 813	Gray clay
813 - 819	Black lava
819 - 830	Brown ash rock with streaks gray clay
830 - 833	Hard broken black basalt

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AUG 22 2013

SALEM, OR



**LAKE 51031**  
LAKE  
51031

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

WELL I.D. # L 29455  
START CARD # 41015

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

(1) OWNER: Well Number # 3  
Name Z X RANCH  
Address PO BOX 7  
City PAISLEY State OLE Zip 97636

(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 551 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
22"	0	466	CEMENT	0	40	50 SKS	
12 1/4"	466	551		430	466	30 SKS	

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: 16"	+1	466	35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 466 FT

(7) PERFORATIONS/SCREENS:

From	To	Shot size	Type	Material	Case/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 2700 Drawdown 79 Drill stem at \_\_\_\_\_ Time 8 hr.

Temperature of water 65°F 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 LAKE Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 33 S N or S Range 19 E E or W. WM. \_\_\_\_\_  
Section 8 NW 1/4 NW 1/4  
Tax Lot 500 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) RED HOUSE RD PAISLEY OREGON

(10) STATIC WATER LEVEL:  
70 ft. below land surface. Date 7/27/00  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 537 FT

From	To	Estimated Flow Rate	SWL
537	551	2700	70

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

Material	From	To	SWL
SEE ATTACHED			
RECEIVED BY OWNER LEG			
AUG 22 2013			
SALEM, OR		<b>RECEIVED</b>	
<b>RECEIVED</b>		MAR 08 2001	
AUG 23 2000		WATER RESOURCES DEPT.	
WATER RESOURCES DEPT.		SALEM, OREGON	

Date started 7/12/00 Completed 7/27/00

(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.  
WVC Number \_\_\_\_\_  
Signed \_\_\_\_\_ Date \_\_\_\_\_

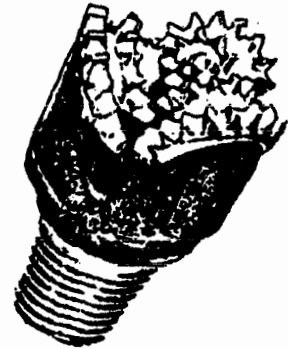
(bonded) Water Well Constructor Certification:  
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
WVC Number 601  
Signed \_\_\_\_\_ Date 8/20/00

LAKE 51031

STOREY DRILLING SERVICES

P.O. Box 98 • MIDLAND, OREGON 97634  
(541) 884-3990 • (800) 245-8122  
Fax #: (530) 528-2562

22560 ADOBE ROAD • RED BLUFF, CALIFORNIA 96080  
CONTRACTOR'S LICENSES:  
OR #601 • CA #583153 • NV #38199



ZX Ranch  
J. R. Simplot Company  
P. O. Box 7  
Paisley, Oregon 97636

START: July 12, 2000  
FINISH: July 27, 2000

WELL LOCATION: NW¼ NW¼ S8 T33S R19E Lake County, Oregon  
3/8 mile NW of ZX Ranch shop on Red House Road - Paisley, Oregon

LOG

0 - 2	Sand
2 - 4	Sandy clay
4 - 18	Pea gravel
18 - 23	Sandstone & Pumice with cemented gray shale
23 - 45	Yellow clay
45 - 75	Gray shale rock with black sandstone
75 - 95	Brown shale
95 - 100	Yellow shale & clay
100 - 149	Green clay & shale
149 - 174	Sandy yellow clay with streaks of fine pea gravel & sand
174 - 187	Green shale with steaks of coarse sand
187 - 190	Gray clay
190 - 210	Gray shale & coarse sand
210 - 281	Sandy yellow clay & shale
281 - 431	Green clay
431 - 457	Sticky gray shale & clay
457 - 469	Brown ash rock
469 - 476	Green shale
476 - 481	Hard black basalt
481 - 486	Green shale
486 - 492	Hard black basalt
492 - 507	Decomposed black basalt
507 - 508	Brown basalt
508 - 537	Hard broken bubbly black basalt
537 - 540	Bubbly black basalt
540 - 551	Hard broken black basalt

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MAR 08 2001

WATER RESOURCES DEPT.  
SALEM, OREGON

467 feet 6 inches of 16 inch O.D. casing set @ 466 feet; casing cemented from 430 - 466 feet and from 0 - 30 feet.  
1 1/4 inch diameter hole from 466 - 551 feet  
Static water level 70 feet; Temperature 65° Fahrenheit

Test Pumped 2700 Gallons Per Minute at 79 feet for 8 hours.  
Specific Capacity 300 GPM per foot drawdown.

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WATER RESOURCES DEPT.  
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