LAKE 51612

WELL ID # 70600

(START CARD) # 170741

(1) OWNER:		Well Num	nber: G	ieo#1	(9) LOCATION OF W		scription: atitude	Longitude	e
Name Town of						7.4		or W. of W	
Address 525 Nor		State C	ND 711	07620	Section 4(B)	NE	1/4 NW		1/4
City <u>Lakevie</u>		Otate C	Z'I	97630	Tax lot 201 Lot		Subdi		
(2) TYPE OF W	ORK:			_	Street Address of Well (Lane, Lakeview,		95/10 Geyse	r View	
X New Weil	Deepening/	Alteration (repair/reco	ndition)	Abandonment				. ,	
(3) DRILL MET	HOD:				(10) STATIC WATER	K LEVEL: w land surface.	C	ate	
Rotary Air	X Rotary Mud	Cable		Auger	Artesian pressure 20		quare inch. D	ate 12/2	2/ /04
Other					(11) WATER BEARIN	NG ZONES:			
(4) PROPOSED	USE:				Depth at which water wa				
☐ Domestic	Community	Industrial		Irrigation			T =		CVAC
X Thermal	Injection	Livestock		Other	From 6	To 195	Estimated Flo	w Rate	SWL 3
(5) BORE HOL	E CONSTRU	CTION:			255	520	500		3
Special Construction	n approval 🔲 Ye	s X No Depth o	f Comp	leted Well 602 ft.	580	602	200		3
Explosives used		pe	Amou	ınt					
HOLE	_ 1	SEAL.	- -	Amount	(12) WELL LOG:				
Diameter From 21 0	To M 100 Cemen	laterial From t 0	To 100	sacks or pounds 3.5 yds.	l` '	Ground ele	evation 5180		
15.5 100	602 Cemen			4.5 yds.		Material	From	То	SWL
					See Attached Geold	~			
									-
How was seal place	ad: Method	B XC	D [1	-
Other	ou. Moniou								1
Backfill placed from	ft. to	ft. Material				and the same of th			
Gravel placed from	150 ft. to 6	02 ft. Size of g	ravel 6	x9 & 6x12	FOEN	IFU -		ļ	<u>.</u>
(6) CASING/LI	NER:				HECE"				-
Diameter		Gauge Steel P	lastic	Welded Threaded	JAN 1 0	2005			-
Casing: 16in	+1 101	.250 X		X	I IAN I U	2000			-
10		.250 X			1 4	TOES DEPT			1
<u>10</u>	221 261	.250 X .250 X		X	WATER RESOLUTION SALEM. OF	REGON			
<u>10</u> 10	321 361 481 501	.250 X .250 X		X	SALEM, O				+
10	561 581	.250 X		X	11/	D			
Final location of sho	oe(s)					ATER DEVELOP	MENT		
(7) PERFORAT	TIONS/SCREE	NS.			P.O.	Box 1670			
					Redmon	id, OR 9775	6		
☐ Perforations X Screens	_	Factory Ma	terial 3	304SS					
<u></u> •0.0010	Type <u>S</u>	Tele/p	-					1	1
From To	size Number	Diameter siz	e	Casing Liner					
181 221	.040		ipe inc	X					1
261 321 361 481	.040		i <u>pe</u> ipe	X	Date started 10/13/ 200	<u>)4</u> Com	pleted <u>12/10/</u>	2004	
501 561	.040		ipe	X	(unbonded) Water Wel	l Constructor Cert	ification:		
581 601	.040	10 p	ipe	X	I certify that the work I pe				
(8) WELL TEST	TS: Minimum	testing time is	1 hou	r	of this well is in compliance	_			
X Pump	Bailer	Air		Flowing Artesian	Materials used and information belief.	mon reponed above a	re liue to my best	Kilowieug	je anu
<u>™</u> Lamb	Dallei				Dollor.		WWC Nun	nber	
Yield gal/min	Drawdown	Drill stem at		Time	Signed		Date		
175	24	105	\perp	32 hr.					
			-		(bonded) Water Well C			nmost	ork
					I accept responsibility for performed on this well duri				
Temperature of Wa	ater 204	Depth Artesian Flow	found		performed during this time	•	-		
Was a water analys					construction standards. The				belief.
Did any strata conta		ble for intended use?	X	Too little	1 Kl. to	62 - b	WWC Nur		
Salty Mudd	ly Odor	Colored Other			Signed 1864	Diela	— Date 12/3	31/ 200) <u>4</u>
Depth of strata:					Robert Buckr	er			

Depth Interval (feet bls)		Lakeview Geothermal Production Well Geologic Log Description of Geology				
From	To					
0	5	Fill material				
5	10	No sample				
10	15	Well sorted, dark gray, medium-grained sand.				
15	20	Clayey sand. Very fine to medium sand with 30% clay.				
20	83	Clayey gravel. Greenish-gray gravel with 20 to 40% clay. Increased clay (70%) at 60 ft.				
83	85	Cobble zone.				
85	110	Gravel with <10% clay. Cobbles from 94-95 ft.				
110	179	Clayey gravels. Clay content varies from 20 to 40%.				
179	190-	As above, but with decreased clay, and 1-ft intervals of cobbles @ 179, 18 and 186.				
190	195	Clean gravel with minor clay.				
195	215	Clayey gravel. Clay content varies from10 to 30%. Clean gravel at 209.				
215	260	As above, but with 40 to 50% clay. Greenish gray color. Clean gravel layer 255-256.				
260	270	Clayey gravel, with decreased clay (20-30%).				
270	355	Gravel with cobbles. Hard drilling. Cuttings are 60% mafic (dark colored), 30% felsic and 20% greenish.				
355	365	Gravel with 10% clay.				
365	415	Gravel. Angular to subrounded. 1- to 2-ft-thick cobble zones at 375, 380, 3 403 and 405 ft.				
415	450	Clayey gravel. Variable clay (between 10 and 50%) with some thin cobble zones.				
450	520	Gravel. Locally <10% clay.				
520	580	Gravel with clay. 20-30% clay, decreasing to <10% clay below 545 ft.				
580	600	Clean gravel with no clay. Hard drilling.				
600		End of Hole. Driller rat-hole to 602.				

RECEIVED

JAN 1 0 2005

WATER RESOURCES DEPT SALEM, OREGON Western Water Development P.O. Box 1670 Redmond, OR 97756