STATE ENGINEER KLAM Salem, Oregon 1241	Well Record	STATE WELL NO 38,	STATE WELL NO 38/112-23F(1)		
Salem, Oregon	1	APPLICATION NO			
Cliff Sewald	MAILING ADDRESS:	•			
OWNER:	CITY AND		***************************************		
LOCATION OF WELL: Owner's No	STATE:		*****************		
SE	· · · · · · · · · · · · · · · · · · ·				
corner		Fi			
			1		
Altitude at well	***************************************				
TYPE OF WELL: Drilled Date Const	ructed				
Depth drilled286		Section 23			
FINISH:					
AQUIFERS: Porous lava rock zone	from 225 ft. to 286 ft	J <sub>Q</sub>			
WATER LEVEL: 51 feet below	land surface, August	1948			
PUMPING EQUIPMENT: Type Capacity —1,600 G.P.M.	3	H.P.			
WELL TESTS: Drawdown ft. after	hours		G.P.M.		
Drawdown ft. after	hours		G.P.M.		
USE OF WATER Irrigation SOURCE OF INFORMATION USGS DRILLER or DIGGER ADDITIONAL DATA:	***************************************				
LogX Water Level Measuremen	nts Chemical An	alysis Aquifer Test			
REMARKS: Hardness 55ppm, chloric after 1 minute pumping; water sa	de 3ppm. Yields 1,600 ample for field analys	gpm; drawdown is 17 ft sis taken 7/19/49.	•		

STATE	<b>ENGINEER</b>
Saler	m, Oregon

State Well No.	38/11 <del>2</del> -23F(1)
County Klama	th
Application No.	

## Well Log

Owner: Cliff Sewald	Owner's No.			
Driller: F. Hilton				
CHARACTER OF MATERIAL	(Feet belo	ow land surface)	Thickness (feet)	
Top soil	0	1	1	
Sedimentary beds:				
Sandstone and clay seams	1	14	13	
"Chalk" (diatomite or volcanic ash)	14	45	31	
Sand, black, some water	45	46	1	
"Chalk" (diatomite or volcanic ash)	146	200	<sup>-</sup> <b>1</b> 54	
Sand and "chalk" (a little water)	200	225	25	
Lower lava rocks (?):				
Lava rock, porous, black, water bearing	225	255	30	
Sand, black, fine, some water	255	<b>2</b> 56	1	
Lava rock, porous, black, water bearing	256	270	14	
Sand, black, fine, some water	270	272	2	
Lava rock, porous, black, water bearing	272	285	13	
Sand, black, fine	285	286	1	
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