STATE ENGINEER	Well Record		NO. 1/1-11J
Salem, Oregon A77	GR- 1504 MAILING		NO. GR. 1561
OWNER: Libby, McNeill & Libby	ADDRESS		
LOCATION OF WELL: Owner's No		Portland, Orego	on
NE 1/4 SE 1/4 Sec. 11 T. 1 S.	E. ., R XX., W.M.		
Bearing and distance from section or sub	odivision		
corner 100' W. & 2100' N. from S	E cor. Sec. 11		
			WELL CO
Altitude at well 25		1	
TYPE OF WELL: Drilled Date Con	structed 1929		
Depth drilled Depth cas	sed330!	Section1	L
16" from surface to 80' 12" from surface to 301' 10" from 294' to 330' FINISH: Perforated: 40 - 3/8" wide x 1	t" vertical from 215	to 240' & from 282	to 297 ft.
	cal from 300 to 330 f		
AQUIFERS:	•		
WATER LEVEL: 20.51			
PUMPING EQUIPMENT: Type Layr Capacity 1400 G.P.M.	ne & Bowler		H.P75
WELL TESTS: Drawdown55 ft. after .			
Drawdown ft. after .	hours		G.P.M.
USE OF WATER Manufacturing SOURCE OF INFORMATION GR RODRILLER or DIGGER	ecord		
ADDITIONAL DATA: Log X Water Level Measuren			

REMARKS:

STATE ENGINEER Salem, Oregon

State	Well	No.	1/1.	<u>-11J</u>	
Count	ty	Mult	nomal	1	
Appli	cation	No.	GR-	1561	

Well Log

	(Feet below h	and surface)	Thickn
CHARACTER OF MATERIAL	From	To	(feet
Top soil & clay	0	18	18
Loose gravel with some water	18	25	7
Cemented gravel	25	38	1:
Silt & sand	38	62	2
Cemented gravel	62	107	4
Yellow clay	107	110	3
Cemented gravel	0.0	147	3'
Gravel with some clay & sand	147	190	4
Cemented gravel		21.5	2
Gravel (water hearing)	215	240	2
Cemented gravel	240	282	4
Water bearing sand & gravel	282	330	4

STATE	ENGINEER
Salen	n, Oregon

State Well No. 1/1-11Hl	
County Multnomah	
Application No	

Chemical Analysis

ANALYST USGS	Address	
Date of Collection 11/28/29		
Point of Collection	P.P.M.	E.P.M.
711 (C)O		
Silica (SiO ₂)	45.	
ron (Fe) Total	06	
Manganese (Mn)		***************************************
Calcium (Ca)	15.	
Magnesium (Mg)	10.	
Sodium (Na)	8.2	
Potassium (K)	3.0	
Bicarbonate (HCO ₂)	118.	
Carbonate (CO _s)	0.	,
Sulfate (SO ₄)	4.4	
Chloride (Cl)	2.2	
Fluoride (F)		
Nitrate (NO ₃)	0	
Boron (B)		
Dissolved Solids	141.	· transition of the control of the c
Hardness as CaCO ₃	78.	
Specific Conductance (Micromhos at 25°C)	·	
рН	·	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		PARTITION OF THE PARTIT
CLASS		•