STATE ENGINEER Salem, Oregon Well Record	STATE WELL NO. 4N/1W-19L(1 COUNTY Columbia APPLICATION NO.GR-741
OWNER: Philip L. Hickey MAILING ADDRESS:	Route 1, Box 644
LOCATION OF WELL: Owner's No. 1 CITY AND STATE:	Warren, Oregon
NE 1/4 SW 1/4 Sec. 19 T. 4 N. R. 1 W., W.M.	1
Bearing and distance from section or subdivision	
corner 1000' W. & 750' N. of SW Cor. at NW_{+}^{4} of SE_{+}^{1} , Sec. 19	
	х
Altitude at well 110 ft. Interpolated	
TYPE OF WELL: drilled Date Constructed 1950	
Depth drilled 436 ft. Depth cased 436 ft.	Section 19
CASING RECORD: 12 in. 0 to 125 ft. 10 in. 110 to 152 ft. 8 in. 150 to 285 ft. 6 in. 276 to 436 ft.	
FINISH: 12 in. standard perforations 50 to 110 f. 10 in. " " 112 to 150 f. 8 in. " " " 200 to 110 f.	t.
6 in. " " 396 to 434 f	t.
WATER LEVEL: 20 ft.	
PUMPING EQUIPMENT: Type 3 ph. elec. Peerless turbin Capacity	ne H.P. 15
WELL TESTS: Drawdown160 ft. after hours	
Drawdown ft. after hours	
USE OF WATER Irrigation Temp. ° SOURCE OF INFORMATION GR-741 DRILLER or DIGGER	
ADDITIONAL DATA: LogX Water Level Measurements Chemical Anal	

REMARKS:

STATE ENGINEER Salem, Oregon

State Well No.	4N/1W-19L(1)
County Col u	ımbia
Application No.	GB- 741

Well Log

wner: Philip L. Hickey Owner's No. #1				
Driller:				
CHARACTER OF MATERIAL	(Feet below ¹ and From	surface) To	Thickness (feet)	
Top soil and clay	0	10	10	
Yellow sandy clay	10	37	27	
Gravel with sand layer 137ft. to 142'	37	174 x37	137	
Clay	174	178	1 +	
Sand	178	179	1	
Clay	179	246	67	
Muddy sand	246	250	4	
Clay-sandy in spots	250	376	126	
Weathered basalt	376	389	13	
Muddy sand	389	396	7	
Cemented gravel	396	422	26	
Rock	422	436	14	
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