## **WASC 3249** OBSERVATION WELL

STATE ENGINEER

USE OF WATER Industrial

ADDITIONAL DATA:

REMARKS:

Well Record

STATE WELL NO. 2N/13-28P(1)

COUNTY	Wasco
CCCITI	

3249		APPLICATION APPLIC	ON NO. G-737	
OWNER: Harvey Machine Co.	MAILING ADDRESS:	P. O. Box 711	Parmit 6-648	
LOCATION OF WELL: Owner's No. 4A		The Dalles, Oregon		
SE 1/4 SW 1/4 Sec. 28 T. 2 28, R. 13	., W.M.			
Bearing and distance from section or subdivision				
corner 981' N. & 1,078' W from S/4 cor	ner			
Section 28				
	**********			
Altitude at well				
TYPE OF WELL: drilled Date Constructed Jun	e-July 1957			
Depth drilled Depth cased273		Section28	•••••	
CASING RECORD:  14" set to 15 feet 223 feet of 10-inch, grouted with 380	sacks of cem	ent.		
FINISH:			, <u></u>	
AQUIFERS:	<del></del>	<del></del>		
Basalt	t .			
WATER LEVEL: 74° below land surface, July 1957				
PUMPING EQUIPMENT: Type G.P.M.			H.P	
WELL TESTS: Drawdown 3 ft. after	hours Pur	ping 1170	GPM	

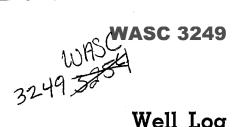
Drawdown ft. after hours G.P.M.

Log \_\_\_\_ Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_

SOURCE OF INFORMATION well report DRILLER or DIGGER A.M. Jannsen

ORIGINAL WASE	MAN WE DIL	LERS REPORT   Do Not State Well No. 24/13 -28 P/1)		
Duplicate with the STATE ENGINEER, SALEM, OREGON	MAR 3 STATE OF OR			
(1) OWNER: STA		(10) WELL TESTS:		
Name Harvey Aluminum Compan		Was a pump test made? X Yes \( \square\) No If yes, by whom? <b>Driller</b>		
Address 19200 Southwestern Ave	nue	Yield: 1170 gal./min. with 3 ft. draw down after 8 hrs.		
Torrance, California		n n n		
(2) LOCATION OF WELL:		n n n n		
County Wasco Owner's number	er, if any—	Artesian flow g.p.m.		
R. F. D. or Street No.	1, it ally— 46	Shut-in pressure lbs. per square inch.		
Bearing and distance from section or subdivision	on corner	Bailer test g.p.m. with ft. drawdown		
981 North and 1078 we		Temperature of water Was a chemical analysis made?   ▼Yes □ No		
	2N Range 13E	Was electric log made of well? ☐ Yes XNo		
boring within the SE 1,	SW <u>t of Section2</u> 8	(11) WELL LOG:		
TWP 2N Range 13E-bearing	s N47°16°W.Dist.	Diameter of well,10 inches,		
) TYPE OF WORK (check):	14571	Total depth 303 ft. Depth of completed well 303 ft.		
	litioning			
abandonment, describe material and proced		Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.		
(4) PROPOSED USE (check):	(5) EQUIPMENT:	ft. to ft.		
mestic 🗌 Industrial 🕱 Municipal [	□ Rotary □ □ Cable <b>E</b> □	0 " 10 " fill		
Irrigation ☐ Test Well ☐ Other	Dug Well	10" 28 " broken basalt		
) CASING INSTALLED:	1 70 1 1	20 30 mard basait		
Threaded □ Welded 🛱	If gravel packed	30 41 SOIT FOCK & CLAY		
Gage	Diameter to the			
FROM Oft. to 223 ft. 10 Diamstndrd Vall	Diameter from to of Bore ft. ft.			
33 23 33 33 19	" "			
11 11 11 11		98" 110 " hard grey basalt 110" 115 " grey basalt with clear quartz		
" " " "	<u> </u>			
" " " " " " " " " " " " " " " " " " "	" "			
Type and size of shoe or well ring	Size of gravel:	132" 140 " porous grey basalt  140" 143 " hard grey basalt		
Describe joint	Bize of graver.	143" 155 " porous grey lava rock		
		155" 162 " hard grey basalt		
(7) PERFORATIONS:		162" 190 " coal or peat		
Type of perforator used		190" 195 " grey clay		
	length, by in.	195" 212 " clay with small gravel		
OM ft. to ft. perf	f per foot No. of rows	212" 217 " brown clay and rock		
1 - 19 29 39 39	) D 11 11 11	217" 223 " rock		
n n n	"""	223" 258 " hard grey basalt		
11 11 11 11	"""	258" 262 " hard grey basalt		
SCREENS:		202 290 porous basalt with hard & soit		
Give Manufacturer's Name, Model No.	and Size	Layer		
		290 300 grey basaic slightly porous		
(8) CONSTRUCTION:		JOO JOJ ROCK TITH DUC CUTHING DROWN		
Was a surface sanitary seal provided? ☐ YesX	No To what depth ft.	" with bits of clay		
Were any strata sealed against pollution?   Ye	es 🗆 No	Ground elevation at well site/35.50feet above mean sea level.		
If yes, note depth of strata surface to	227'	Work started 5-28-57 19 , Completed 7-27-57 19		
FROM ft. to	ft.	Well Driller's Statement:		
" "		This well was drilled under my jurisdiction and this report is		
METHOD OF SEALING grouting car	sing	true to the best of my knowledge and belief.		
(9) WATER LEVELS:		NAME A. M. Jannsen Drilling Company		
• •	262 ft.	ft (Person, firm, or corporation) (Typed or printed)		
Standing level before perforating	ft.	Address 20175 S. W. Tualatin Valley Highway		
Standing level after perforating	74 ft.	Aloha, Oregon Driller's well pumber		
Log Accepted by:	· · · · · · · · · · · · · · · · · · ·	6/11/10/10 January		
[Signed] Haven Minner	ا 19 ا	lSigned (Well-oriller)		
[Signed] Harvey Chumana	es f	License No		

## STATE ENGINEER Salem, Oregon



State Well No.	2N/13-28P(1)			
County Wasco				
Application No	G-737			

## Well Log

Owner: Harvey Machine Co.	Owner's No4-A			
Driller: A. M. Jannsen Drilling Co.	Date Drilled June-July 1957			
CHARACTER OF MATERIAL	(Feet below From	'and surface)	Thickness (feet)	
Fill	0	10	10	
Basalt, broken, water at 23'	10	28	18	
Basalt, hard	28	30	2	
Soft rock and clay	30	41	11	
Black Basalt	41	58	17	
Hard gray basalt	58	64	6	
Hard gray basalt	64	89	25	
Basalt, weathered	89	98	9	
Hard gray basalt	98	110	12	
Gray basalt with clear quartz	110	115	5	
Hard gray basalt	115	132	17	
Porous gray lava rock	132	140	8	
Hard gray basalt	140	143	3	
Porous gray lava rock	143	155	12	
Hard gray basalt	155	162	7	
Coal or peat	162	190	28	
Gray clay	190	195	5	
Clay with small gravel	195	212	17	
Brown clay and rock	212	217	5	
Rock	217	223	6	
Hard gray basalt	223	258	35	
Hard gray basalt	258	262	4	
Porous basalt with hard & soft layers Gray basalt, slightly porous Rock, firm but turning brown with bits of cl	262 290 300	290 300 303	28 10 3	