		IAT 5177		
STATE ENGINEER Salem, Oregon	(UMAT) SITT)	Well Record	COUNTY	LL NO6N/36-19B1 UMATILIA ON NO
OWNER:E1	mer Ferguson	MAILING ADDRESS:		
		CITY AND		
	ът	STATE: E.		
			,	
Bearing and distance f	rom section or subdi	vision		
corner	****			
Altitude at well		*****		
TYPE OF WELL: Dr	illed Date Constr	natod		
Depth drilled7			Section	
CASING RECORD: 14-10 inch				
14-10 inch				
14-10 inch FINISH:				
CASING RECORD: 14-10 inch FINISH: AQUIFERS: Basalt				
14-10 inch FINISH: AQUIFERS: Basalt				
14-10 inch FINISH: AQUIFERS: Basalt WATER LEVEL:	ow land surface,	March, 1949		
14-10 inch FINISH: AQUIFERS: Basalt WATER LEVEL: 24 feet belo	NT: Type ^{Tu}	March, 1949 arbine		H.P
14-10 inch FINISH: AQUIFERS: Basalt WATER LEVEL: 24 feet belo PUMPING EQUIPME Capacity 1.4	NT: Type ^{Tu} 760 G.P.M.	urbine	<u> </u>	
14-10 inch FINISH: AQUIFERS: Basalt WATER LEVEL: 24 feet belo PUMPING EQUIPME Capacity	NT: Type 760 G.P.M.	urbine 		G.P.M G.P.M
14-10 inch FINISH: AQUIFERS: Basalt WATER LEVEL: 24 feet belo PUMPING EQUIPME Capacity Drawdown Drawdown Drawdown	Tu Tu 760 G.P.M.	urbine 	°F	G.P.M G.P.M G.P.M

Drawdown 7 feet at pump capacity.

UMAT 5177 Oregon G. W. Permit No. R 427 Rig: 282-1 Speed Star Churn drill

·	, R		, S	'	STATE	Oregon COUNTY Umatilla CITY
OCATED:	. Well	origin	ally di	rilled	for El	area ner Ferguson, SpoffordELEV.
ANTS: Pr	oducing	format	ion: (Columbi	a River	71 r basalt; total original maximum drilled dep
	May 6,					
Well T	oump tes	t: 7-7	* 7-8-	-48: Re	moval	ISH July 3, 1948 of all well drilling & testing equipment: 7-
BARGER AND	parti ser	1	1		T	
	DIAM.	FROM	TO	FT.	SWL	FORMATIONS & CONTENTS - WORK
Casing	schodul	and h	hia ai	1. 10	-	and an about a WAL and a balance and a second
JAT Y	/8" mal	h thick	Die all	leine r	tith dr	casing starter, 34' extracted at well compl we shoe, seated at 146' 10"; total feet: 14
10" T	32#	hine fr	ness ca		AZOIG	10" open basalt rock hole drilled from 4.
to 712	Grou	nd surf		2801	409.0	den formations consisting of as follows:
	• urou	O'	25'	200,	over bu	Top soil and clay
		25'	120'			Conglamorate with yellow clay
and the		1.2.2.	140'			Yellow clay
		140'	2691			Blue clay
1.1		269'	280"		- Color	
	At	280'	200			Conglamorate with blue clay Top of first Columbia River basalt
		280'	348'			Hard basalt
		348'	366'		30"	
		366'	432'	3.000		Blue clay
		432'	508'		42'	
and the second		508'	555'		IF	Very hard basalt
		555'	575'			Medium hard basalt
	1	575'	581'		421	Very hard basalt
	and the second sec	581'	595'		31'6"	Porous basalt aquifer; bail tested, 165
Sec. Sec. 1						g.p.m.; could not lower water: 10"
	and the second second					casing already seated in second basalt
100	hills of	595'	618'		29'6"	black porous basalt; lost drill cuttings
	and the spin through the surger					between 610' and 618'.
a state of		618'	6381	-		Hard black basalt
		638'	662'	Condest - up of a - a - a		Dark porous basalt; more water; cannot
1 Provent						recover drill cuttings.
		6621	6981			Hard basalt
Caller		6981	705'		31'6"	
		705'	712'			Very hard gray basalt; decided to pump
(A States					test well
		No. Yes				
Well te	st data	: Bott	om of p	ump su	ction,	147'6": Peerless right angle gear turbo dri
11-24	age; 14	MA DOW	15; 8"	orliid	e in 10	" discharge nine, sirling at 1271. CWI by at
guage	readin	s show	n heres	fter:	water	emperature 67° F., 7-8-48.
1. 1. 1.		and the second				
		GPM	Dr	awdown		Hours pumped
	N. Casa	818		5'		3 hr.
		1000		71		11
The state		1115		9'		2
1.		739		181		

OWRD note: This document provided by landowner as of 1/2017, and identified as this log per GW staff

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