

STATE OF ALASKA 10033 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started://		Comple	eted: _11_/_	1 / 1985 Pump Install:/			
City/Borough	Subdivisi	on	Block	Lot	Property Owner Name & Address		
Matanuska-Susitna Borough	WASILLA W	OODS	B2	L07	CITY OF WASILLA, WASILLA WOODS / SPRUCE AVENUE,		
Well location: Latitude 61					e -149.447767		
Meridian S Towns	ship <u>017N</u> Rang	ge <u>001W</u>	_ Section	1 03 , <u>SE</u> 1/4 of <u>NW</u> 1/4 of <u>NW</u> 1/4 of <u>NW</u> 1/4			
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC				Well use:	thod: Air rotary, Cable tool, Other Public supply, Domestic, Reinjection, Hydrofracking cial, Observation/Monitoring, Test/Exploratory, Cooling,		
		<u>From</u>		I	/Agriculture, ☐Grounding, ☐Recharge/Aquifer Storage,		
				Heating,	Geothermal Exploration, Other		
				Fluids used	d:		
					ole: 239 ft Casing stickup:ft		
					e: inches		
					meter: inches Casing depth: 21 ft		
					Depth:ft Diameter:inches		
					T O 21 FT, COMPLEX SCREEN TO 236 FT		
			Well intake opening type: Open end, Open hole, Other screened				
			Screen type:, Screen mesh size:				
			Screen start:ft, Screen stop:ft, Perforated Yes No				
					description: Perf from: ft, Perf		
					_ft, Perf from: ft, Perf to: ft		
					ked ☐Yes ■ No Gravel start: ft , Gravel stop: ft		
				Note:	r (from top of casing): 115 ft_on// Artesian well		
					 1		
				Method of	evel & yield: feet after hours at 1000 gpm		
				Developme	esting: ent method: Duration:		
					ate: gpm		
					Volume		
					mft, Toft		
Include description or sketch of	f well location (inc	lude road	names,		intake depth: ft Model:		
buildings, etc.):				Pump size: hp Brand name:			
					isinfected upon completion? Yes No		
				Method of disinfection:			
				Was water quality tested? Yes No			
				Water qual	ity parameters tested:		
				Well driller	name:		
				Company r	name: MAGNUSON DRILLING		
				Mailing add	dress: PO BOX 504		
Neth N				City: EAGL	E RIVER State: <u>AK</u> Zip:		
Ngth				Phone num	nber: ()		
AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within 45 days of well completion . Well logs may be submitted using the online well log reporting system				Driller's sig	nature:		
				Date:	/// Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require		
available at: https://dnr.alaska.gov/welts/				that a copy of	of this well log be submitted to the Development Services Department/City ys of well completion.		
OR email electronic well logs to				City Permit Number: Date of Issue://			
dnr.water.reports@alaska.gov					fication Number:		
*Cuido for Hoing the Hudrogoologie C		, , .					

RECEIVEL

DEC 0 2 1985

MS 5204

WATER WELL RECORD

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURES

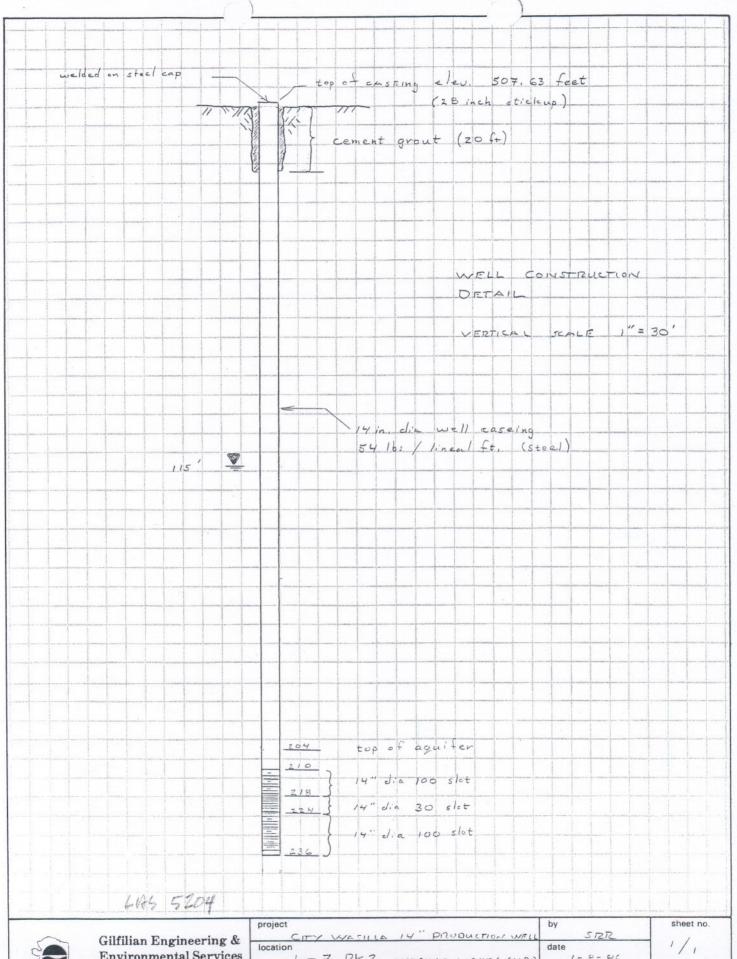
Division of Geological & Geophysical Surveys

10033

1003#3

Gilfilian Engineering, Inc. and Mat-Su Test Lab, Inc.

LOCATION OF WELL (Please complete either in	, lb or ic.)		A.D.L. No.					
la. Borough Subdivision Lot Block Ib.	1/4 qtrs.	Section N	o. Township N Range E Meridian					
MAT- SU WASILLA WOODS 7 2 _0	f of of		s					
Spruce Ave and Lucill	TIONS		3. OWNER OF WELL: City of Wasilla Address: Wasilla, Ak.					
Street Address and Area of Well Location								
2. WELL LOG	Sur		4. WELL DEPTH: (finol) 5. DATE OF COMPLETION 11 - 1 - 85					
Gravel and boulders	Top	Bottom 20	6. XX Cable tool XXRotary XX Driven Dug					
24" conductor hole drilled w/			Auger Jettod Bored Other:					
bentonite slurry			7. USE: Domestic XX Public Supply Industry					
20" conductor pipe set in			irrigotion Recharge Commerical					
bentonite slurry with 6"			Test Well Other:					
stickup			8 CASING: Threaded XIXX Welded					
14" casing set with gravel-cobbl	es 2	20	8. CASING: Threaded XIX Welded diam. 14 in: to $\frac{234}{20}$ ft. Depth Weight $\frac{54}{20}$ lbs./ft. diam. in. to ft. Depth Stickup $\frac{2}{20}$ ft.					
and 20" boulder at 14' level			diam,in. toft. Depth Stickupft.					
2 ft. stickup			9. FINISH OF WELL:					
	000	100	Type: Screen Diameter 14"					
Sand and gravel and cobbles,	20	108	sion/Mesh size 100-Variable ngth: 26 ft. Set between 210 ft. and 236 ft.					
boulder			Set between 210 ff. and 236 ff.					
Gravel with sand and cobbles	108	162	Backfilling Gravel pack					
At 162 ft. gained 14 ft water			IO. STATIC WATER LEVEL: 115					
overnite								
Gravel and sand	162	182	Above or XXelow land surface. Date Top of Casing Equipment used:					
19 ft,.water overnite			Equipment used:					
Gravel and sand	182	199	II. PUMPING LEVEL below land surface and YIELD					
Brown sand	199	202	ft. afterhrs. pumping g.p.m.					
Gray clay, gravel, hardpan	202	204	ft. after hrs. pumping g.p.m.					
Loose grave sand water	204	219	12.GROUTING Well Grouted: Yes No					
Brown sand lense	219	221	Material: Neat Coment Other:					
Loose gravel 4" minus	221	236	13. PUMP: (if avoilable) HP /5					
Sand, brown	236	239	Length of Drop Pipe 180 ft. capacity 1000 g.p.m.					
			XX Subm. Jet XX Centrifical Other					
	İ		14.REMARKS: 100°slot screen set at 210					
			to 236 with smaller variable size 218-					
			227					
16. WATER WELL CONTRACTOR'S CERTIFICATION:								
			15. Water Temperature ° F C					
This well was drilled under my jurisdiction and the Magnuson Drilling		to the best	of my knowledge and belief;					
Registered Business Name			ntroct License Number					
Address: P.O. Box 770504 EAgle Ri	ver. Ak.		HITTOCI LICENSE HUMBEI					
Signed: 12:11: 12: 12 200 Dec 2, 1985								
Authorized Represen	lotive	/	-65					
Form 02-WWR (II/81) Copy Distribu	ution: WHITE - S	itote DGGS, I	PINK - Criller, CANARY - Customer					



300

Gilfilian Engineering & Environmental Services P.O. Box 871868 Wasilla, Alaska 99687

CITY WASHIA 14" PRODUCTION WILL	57272	sheet no.
LOT 7 BK 2 WASILLA WOODS SUBD	date	7 //
client	checked	job no.
	date	10,5028