





# RECEIVED

DEC 02 1985

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

WAS 5204

WATER WELL RECORD  
STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
Division of Geological & Geophysical Surveys

100303

10033

LOCATION OF WELL (Please complete either 1a, 1b or 1c.)

Drilling Permit No. \_\_\_\_\_  
A.D.L. No. \_\_\_\_\_

1a. Borough MAT-SU	Subdivision WASILLA WOODS	Lot 7	Block 2	1b. 1/4 qtrs. — of — of — of —	Section No.	Township N <input type="checkbox"/> S <input type="checkbox"/>	Range E <input type="checkbox"/> W <input type="checkbox"/>	Meridian
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1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

Spruce Ave and Lucille St.

3. OWNER OF WELL:

City of Wasilla  
Wasilla, Ak.

Address:

Street Address and Area of Well Location

2. WELL LOG

Feet Below Surface

Material Type

Top

Bottom

Gravel and boulders

0

20

24" conductor hole drilled w/  
bentonite slurry

20" conductor pipe set in  
bentonite slurry with 6"  
stickup

14" casing set with gravel-cobbles  
and 20" boulder at 14' level  
2 ft. stickup

2

20

Sand and gravel and cobbles,  
boulder

20

108

Gravel with sand and cobbles  
At 162 ft. gained 14 ft water  
overnite

108

162

Gravel and sand  
19 ft. water overnite

162

182

Gravel and sand

182

199

Brown sand

199

202

Gray clay, gravel, hardpan

202

204

Loose grave sand water

204

219

Brown sand lense

219

221

Loose gravel 4" minus

221

236

Sand, brown

236

239

4. WELL DEPTH: (final)

236 ft.

5. DATE OF COMPLETION

11 - 1 - 85

6. ☒ Cable tool ☒ Rotary ☒ Driven ☐ Dug

☐ Auger

☐ Jetted

☐ Bored

☐ Other:

7. USE: ☐ Domestic

☒ Public Supply

☐ Industry

☐ Irrigation

☐ Recharge

☐ Commerical

☐ Test Well

☐ Other:

8. CASING:

☐ Threaded

☒ Welded

diam. 14 in.

to 234 ft.

Depth

Weight 54 lbs./ft.

diam. 20 in.

to 20 ft.

Depth

Stickup 2 ft.

9. FINISH OF WELL:

Type: Screen

Diameter 14"

Slot/Mesh Size 100-Variable

Length: 26 ft.

Set between 210 ft. and

236 ft.

Backfilling

Gravel pack

10. STATIC WATER LEVEL: 115 ft.

☐ Above

or

☒ Below land surface

Date

Equipment used:

Top of casing

11. PUMPING LEVEL below land surface and YIELD

ft. after hrs. pumping g.p.m.

ft. after hrs. pumping g.p.m.

12. GROUTING Well Grouted: ☐ Yes ☐ No

Material: ☐ Neat Cement

☐ Other:

13. PUMP: (if available) HP 75

Length of Drop Pipe 180 ft. capacity 1000 g.p.m.

☒ Subm.

☐ Jet

☒ Centrifical

☐ Other

14. REMARKS: 100 slot screen set at 210  
to 236 with smaller variable size 218-  
227

16. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief;

Magnuson Drilling

AA 5385

Registered Business Name

Contract License Number

Address: P.O. Box 770504 Eagle River, Ak. 99577

Signed:

*William A. Magnuson*  
Authorized Representative

Date:

Dec. 2, 1985

cc: DGS



welded on steel cap

top of casing elev. 507.63 feet  
(28 inch stickup)

cement grout (20 ft)

WELL CONSTRUCTION  
DETAIL

VERTICAL SCALE 1" = 30'

14 in. dia well casing  
54 lbs / lineal ft. (steel)

115'



204 top of aquifer

210

218

224

236

14" dia 100 slot

14" dia 30 slot

14" dia 100 slot

WAS 5204



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

project	CITY WASILLA 14" PRODUCTION WELL
location	LOT 7 BK 2 WASILLA WOODS SUBD
client	CITY OF WASILLA

by	STR
date	1-8-96
checked	
date	

sheet no.

1/1

job no.

105020