



STATE OF ALASKA 16969
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 9 / 2 / 1985 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	SUNDANCE CHATEAU	B3	L07	PAUL COOK ,

Well location: Latitude 61.532914999999974 Longitude -149.454781
Meridian S Township 017N Range 001W Section 28 , SE 1/4 of NW 1/4 of NE 1/4 of SE 1/4

BOREHOLE DATA: (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system*
https://my.ngwa.org/NC_Product?id=a185000000BYub3AAD

	Depth	
	From	To
topsoil, sand	0	10
sand, gravel	10	18
blow sand	18	30
gravel, sand, rock	30	60
gravel, sand, rock	60	80
glacier silt, sand, mixed	80	100
glacier sand, clay mixed	100	145
clay	145	165
water gravel, clay mixed. 1-1.5gpm	165	167
boulder, shot boulder 167'	167	170
water, clay, gravel little buildup	170	180
gravel, sand	180	200
gray clay, gravel	200	245

Include description or sketch of well location (include road names, buildings, etc.):

Drilling method: ☒ Air rotary, ☐ Cable tool, ☐ Other _____
Well use: ☐ Public supply, ☒ Domestic, ☐ Reinjection, ☐ Hydrofracking
☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling,
☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage,
☐ Heating, ☐ Geothermal Exploration, ☐ Other _____

Fluids used: _____

Depth of hole: 245 ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: 230 ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: _____

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other _____

Screen type: _____, Screen mesh size: _____

Screen start: _____ ft, Screen stop: _____ ft, Perforated ☒ Yes ☐ No

Perforation description: also perforated 174' - 180' Perf from: 158 ft, Perf

to: 164 ft, Perf from: 165 ft, Perf to: 171 ft

Gravel packed ☐ Yes ☒ No Gravel start: _____ ft, Gravel stop: _____ ft

Note: _____

Static water (from top of casing): 100 ft on 9 / 2 / 1985 Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 5 gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: _____ Volume _____

Depth: From _____ ft, To _____ ft

Final pump intake depth: _____ ft Model: _____

Pump size: _____ hp Brand name: _____

Was well disinfected upon completion? ☐ Yes ☒ No

Method of disinfection: _____

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: _____

Well driller name: _____

Company name: DAVIS WELL DRILLING

Mailing address: _____

City: _____ State: AK Zip: _____

Phone number: (_____) _____ - _____

Driller's signature: _____

Date: ____ / ____ / ____

Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within 30 days of well completion.

City Permit Number: _____

Date of Issue: ____ / ____ / ____

Parcel Identification Number: _____ - _____ - _____

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 available at:

<https://dnr.alaska.gov/welts/>

OR email electronic well logs to

dnr.water.reports@alaska.gov

LAS 11028
Paul & Miguella Cook
SE NW NE SE Sec. 28
T17N, R1W, SM (N31-W11)

16969P

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

Drilling Permit No. _____

A.D.L. No. _____

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

1a. Borough	Subdivision	Lot	Block	1b. 1/4 qtrs	Section No.	Township	Range	E	Meridian
Mat-Su	Chateaux Sub	7	3	— of — of —		N			
						S		W	

1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS

3. OWNER OF WELL: Paul Cook
Address: Wellsight Rd.
Wasilla, Ak.

Street Address and Area of Well Location

2. WELL LOG	Feet Below Surface		4. WELL DEPTH: (final) 245 ft.	5. DATE OF COMPLETION 9/2/85
	Material Type	Top		
Top Soil, sand	0	10	6. ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug ☐ Auger ☐ Jetted ☐ Bored ☐ Other:	7. USE: ☒ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☐ Commercial ☒ Test Well ☐ Other:
Sand, gravel	10	18		
Blow sand	18	30	8. CASING: ☐ Threaded ☒ Welded diam. 6 in. to 230 ft. Depth Weight 17 lbs./ft. diam. in. to ft. Depth Stickup ft.	9. FINISH OF WELL: Type: _____ Diameter: _____ Slot/Mesh Size: _____ Length: _____ Set between _____ ft. and _____ ft. Backfilling _____ Gravel pack _____
Gravel, sand, rock	30	60		
Gravel, sand, rock	60	80	10. STATIC WATER LEVEL: 100 ft. 9/2/85 ☐ Above or ☒ Below land surface Equipment used: _____	11. PUMPING LEVEL below land surface and YIELD _____ ft. after _____ hrs. pumping _____ g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m.
Glacier silt, sand, mixed	80	100		
Glacier sand, clay mixed	100	145	12. GROUTING Well Grouted: ☐ Yes ☐ No Material: ☐ Neat Cement ☐ Other:	13. PUMP: (if available) HP _____ Length of Drop Pipe _____ ft. capacity _____ g.p.m. ☐ Subm. ☐ Jet ☐ Centrifical ☐ Other
Clay	145	165		
water gravel, clay mixed	165	167	14. REMARKS:	15. Water Temperature _____ ° ☐ F ☐ C
1 to 1 1/2 GPM				
Boulder, shot boulder 167	167	170	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; Davis Well Drilling Registered Business Name Address: S. R. Box 2085, Wasilla, Alaska 99697 Signed: _____ Date: 9/2/85 Authorized Representative	17. CONTRACT LICENSE NUMBER: A1323
water, clay, gravel	170	180		
little buildup				
Gravel, sand	180	200		
Gray clay, gravel	200	245		
Perforated at 165' to 171' no water				
Perforated at 174' to 180' no water				
Perforated at 158' to 164' 5 to 11 gpm				

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;

Davis Well Drilling
Registered Business Name

A1323

Contract License Number

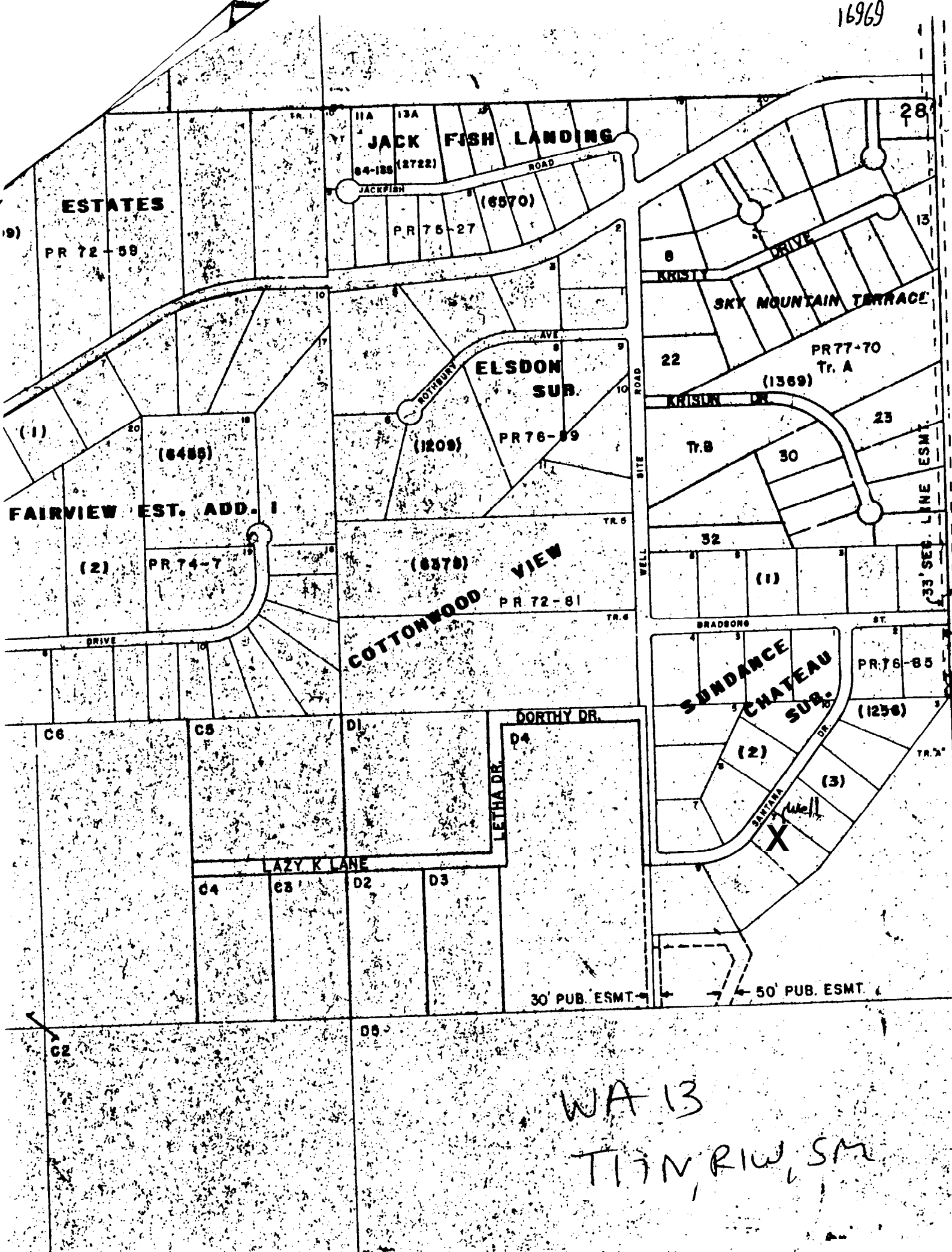
Address: S. R. Box 2085, Wasilla, Alaska 99697

Signed: _____

Date: 9/2/85

Authorized Representative

5812-1-28 DABD 1-7
613200149271001



WA 13

TIN, RIW, SM

SB 17-1-28 DAD 1-7