

WIVER M S N10070015	132	CRETACEOUS GRANITIC ROCK	NINE SPRING VENTS; TEMPERATURE RANGE 37-55 DEGREES C	YES	RECREATION	55	CHAIN-HAY DRYING	YES	45-7:77 115-1577	WASHING, 1965
ANNING SPRINGS N100140015	26	QUATERNARY ALLUVIUM NEAR CRETACEOUS GRANITIC ROCK	NOT FIELD CHECKED		UNUSED	41	BALNEOLOGICAL BATH		45-2516 114-9372	PCSS, 1971
WATER M S N110240015		CRETACEOUS GRANITIC ROCK	NUT FIELD CHECKED		UNUSED	0			40-0055 115-0208	PCSS, 1971
WATTLE CREEK M S N11004015		CRETACEOUS GRANITIC ROCK	NOT FIELD CHECKED		UNUSED	0			40-2350 114-7073	PCSS, 1971
WANT M S N110240015		CRETACEOUS GRANITIC ROCK	NOT FIELD CHECKED		UNUSED	0			40-1302 115-0096	PCSS, 1971
WANLEY M S N110090015	113	CRETACEOUS GRANITIC ROCK	TWO SPRING VENTS		UNUSED	49	SPACE HEATING		40-3164 115-2575	PCSS, 1971
WATER CREEK M S N110130015	227	CRETACEOUS GRANITIC ROCK	SIX SPRING VENTS; TEMPERATURE RANGE 44-47 DEGREES C	YES	UNUSED	47	LAUNDRY USE	YES	40-4030 115-0350	WASHING, 1965
WEDGE LICKS M S N1201507915	134	CRETACEOUS GRANITIC ROCK	SEVERAL SPRING VENTS			41	MUSHROOM GROWING	YES	40-4050 114-9388	PCSS, 1971
WATTLE JERRY JOHNSON N130180015		CRETACEOUS GRANITIC ROCK	TWO SPRING VENTS; TEMPERATURE RANGE 30-41 DEGREES C			41	BALNEOLOGICAL BATH		40-4050 114-8743	
WATSON JOHNSON M S N130180015	1135	CRETACEOUS GRANITIC ROCK	TEMPERATURE RANGE 41-46 DEGREES C; EIGHT SPRING VENTS	YES		48		YES	40-4025 114-8718	WASHING, 1965
WYAL CATFISH COUNTRY N17029001	1045	Eocene SILICIC VOLCANICS	WILLEN'S LOG AVAILABLE; FLOWING WELLS; PAST USE; CATFISH FARMING		UNUSED	222	43	42-2007 114-0300	42-2007 114-0300	LOG, 1970
WYSE M S N180250015	227	TERTIARY SILICIC VOLCANIC ROCK	TWO SPRING VENTS; EXTENSIVE TRAVERTINE DEPOSITION	YES	RECREATION	49	CHAIN-HAY DRYING	YES	43-0000 111-0007	PCSS, 1971

JEROME COUNTY

JEFFERSON COUNTY

Table 4

TABLE 4 (cont.)

SPRING/WELL IDENTIFICATION NUMBER & NAME	DISCHARGE (l/min)	AQUIFER AGE AND ROCK TYPE	GEOLOGIC STRUCTURE	REMARKS	GAS	DEPOSITION		PRESENT USE	DEPTH (m)	SURF TEMP (°C)	SUBS. TEMP (°C)	POTENTIAL USE BASED ON SURFACE TEMPERATURE	POTENTIAL USE BASED ON BEST ESTIMATE OF SUBSURFACE TEMPERATURE	CHEM. TRACE ANAL.	LATITUDE & LONGITUDE	REFERENCE
						SO <sub>2</sub>	CO <sub>2</sub>									
<u>TETON COUNTY</u>																
TAYLOR SPRINGS J3N45EC78A115	946	TRIASSIC MARINE SEDIMENTS NEAR THRUST FAULT						IRRIGATION	20			FISH FARMING			43-6066 111-1850	
J. NEELY WELL J7N43C36A1C1				NCT FIELD CHECKED: TEMPERATURE RANGE 32-49 DEGREES C					353	49		SEEDLING CONIFERS			43-8937 111-3220	
<u>TWIN FALLS COUNTY</u>																
BILL SLIGER WELL J8S14E33D1C1	376	CLATEANARY AND TERTIARY SEDIMENTS		WELL WAS DRILLED NEXT TO AN EXISTING HOT SPRING				RECREATION	121	63		ANIMAL HUSBANDRY			42-7040 114-6572	PCSS, 1971
SALMON FALLS H S J8S14E33D1C15	64	CLATEANARY AND TERTIARY SEDIMENTS			YES	(?)	RECREATION		67			APPLE CRYSTALIZATION			42-7040 114-6563	PCSS, 1971
PENTON CONNOLLY WELL J8S14E33D1C1		CLATEANARY AND TERTIARY SEDIMENTS						DOMESTIC		65		GREENHOUSE			42-7040 114-6557	
MIRACLE H S J8S14E31A1C15	1059	CLATEANARY ALLUVIUM NEAR FLIOCCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS		ALSO MACH AS HOT SULPHUR SPRINGS	YES	YES	RECREATION		55	37		BALNEOCLOGICAL BATH	PASTEURIZATION	YES	42-6550 114-6592	MALDE AND OTHERS, 1972
HARRY HUTTON'S WELL #1 J8S14E33B1C1		FLIOCCENE AND PLEISTOCENE SEDIMENTS AND BASALT (?)						RECREATION	32	49		SEEDLING CONIFERS			42-6550 114-6456	STEARNS AND OTHERS, 1972
BANBURY H S J8S14E33C1A15		CLATEANARY AND TERTIARY SEDIMENTS		COMMERCIALY DEVELOPED	YES		RECREATION		59	108		PUSH-POOM GROWING	CANNING AND PRESERVING	YES	42-6550 114-6256	PCSS, 1971
HARRY HUTTON'S WELL #2 J8S14E33C1A1		FLIOCCENE AND PLEISTOCENE SEDIMENTS AND BASALT (?)			YES		RECREATION		74	57		LAUNDRY USES			42-6550 114-6457	STEARNS AND OTHERS, 1972
HARRY HUTTON'S WELL #3 J8S14E33C1A2		FLIOCCENE AND PLEISTOCENE SEDIMENTS AND BASALT (?)			YES		HEATING OF POOL AND HOUSE		64	57		SPACE HEATING		YES	42-6550 114-6252	STEARNS AND OTHERS, 1972

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DARWIN COLLIER WELLS 08S14E33C001	203	CLATE-MARY BULLWORM OVERLYING PLIOCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS	DRILLER'S LOG AVAILABLES FLOODING WELL	SPACE HEATING	164 44	PULPWOOD GROWING	42-0540 114-0202	LOG, 1970
MIKE ARCHIBALD WELLS 08S14E33C001		PLIOCENE AND PLIOCENE BASALT AND SEDIMENTS (2)	DRILLER'S LOG AVAILABLES FLOODING WELLS USED TO HEAT MUGGY GREENHOUSE AND HOPE	COMMERCIAL	161 45	WELLING CENTIFERS	42-0540 114-0205	STEWART AND OTHERS, 1938
J. WOODMAN WELLS 08S14E33C001	567	CLATE-MARY AND TERTIARY BASALT AND SEDIMENTS	FLOODING WELL	SPACE HEATING	140 29	FERMENTATION	42-0527 114-0280	W.C.S., 1971
GEORGE ANTHONY WELLS 09S12E34D001	7142	PLIOCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS	DRILLER'S LOG AVAILABLE	IRRIGATION	224 25	CATFISH FARMING	42-0570 115-3201	LOG, 1967
POISON SPRING 09S12E14D001S			NOT FIELD CHECKED; REPORTED AS BEING WARM; SEVERAL SPRING VENTS RANGING INTO SECTION 23		0		42-0517 114-0917	
PHIL MANICK WELLS 09S13E18A001				IRRIGATION	268 29	BIODEGRADATION	42-0492 114-9722	
JACK NIXON WELLS 09S13E31D001	807	PLIOCENE SILICIC VOLCANIC ROCKS AND SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	137 20	HEATING AND COOLING WITH HEAT PUMP	42-0552 114-9732	LOG, 1968
ED JARAMELNIK WELL #1 09S13E33C001	5110	PLIOCENE SILICIC VOLCANIC ROCKS AND SEDIMENTS (7)	DRILLER'S LOG AVAILABLE	IRRIGATION	262 31	HYDROPONICS	42-0017 114-9446	LOG, 1967
ED JARAMELNIK WELL #2 09S13E33C001	6813	PLIOCENE SILICIC VOLCANIC ROCKS AND SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	264 31	FERMENTATION	42-0555 114-9417	LOG, 1968
ROSE JARAMELNIK WELL 09S13E33C001	5563	PLIOCENE SILICIC VOLCANIC ROCKS AND SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	254 31	AGRICULTURE	42-0030 114-9442	LOG, 1968
DICK KASTER WELL 09S14E04D001	1135	PLIOCENE BASALT AND SEDIMENTS	DRILLER'S LOG AVAILABLES FLOODING WELL	DOMESTIC	114 46	CHAIN-RAY DRYING	42-0744 114-0244	LOG, 1975
LED RAY WELL #1 09S14E04D001	1135	PLIOCENE BASALT AND SEDIMENTS	DRILLER'S LOG AVAILABLES FLOODING WELL	IRRIGATION	230 34	HYDROPONICS	42-0682 114-0239	

1967

WELL IDENTIFICATION NUMBER & NAME	DISCHARGE (l/min)	AQUIFER AGE AND ROCK TYPE	GEOLOGIC STRUCTURE	REMARKS	GAS	DEPOSITION		PRESENT USE	DEPTH (m)	SURF. TEMP. (°C)	SURF. TEMP. (°F)	POTENTIAL USE BASED ON SURFACE TEMPERATURE	POTENTIAL USE BASED ON BEST ESTIMATE OF SUBSURFACE TEMPERATURE	CHEM. TRACE ANAL.	LATITUDE & LONGITUDE	REFERENCE
						SO <sub>2</sub>	CO <sub>2</sub>									
<u>TWIN FALLS COUNTY (cont.)</u>																
ED RAY WELL #2 09514E04001	5677	PLIOCENE BASALT AND SEDIMENTS		DRILLER'S LOG AVAILABLE				INDUSTRIAL	167	37		FISH FARMING			42.6670 114.8221	LCG, 1973
D KERPA WELL 09514E09A001	11395	PLIOCENE SEDIMENTS AND SILICIC VOLCANIC ROCKS		DRILLER'S LOG AVAILABLE; FLOWING WELL				STOCK WATERING	228	33	79	SOIL WARMING	PASTEURIZED MILK PROCESS	YES	42.6602 114.8114	LCG, 1973
KENNETH HARVEST WELL 09514E09A002	2271	PLIOCENE SEDIMENTS AND BASALT		DRILLER'S LOG AVAILABLE; FLOWING WELL				DOMESTIC	161	33					42.6606 114.8126	LCG, 1971
ROBERT LUNTY WELL 09514E29A003	1514	PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS		DRILLER'S LOG AVAILABLE; FLOWING WELL				TROPICAL FISH TEST PROJECT	259	32		SHRIMP FARMING			42.6597 114.8124	LCG, 1974
WESLEY REYNOLDS WELL 09514E10B001	3765	PLIOCENE SEDIMENTARY ROCKS		DRILLER'S LOG AVAILABLE; FLOWING WELL				FISH FARMING	104	33		FERMENTATION			42.6593 114.8099	LCG, 1971
WRIGHT FUEL LOG #1 09514E2450A1	50	QUATERNARY AND TERTIARY BASALT AND SEDIMENTS		DRILLER'S LOG AVAILABLE; FLOWING WELL				DOMESTIC	42	24		HEATING AND COOLING WITH HEAT PUMP			42.6333 114.7688	LCG, 1977
BURL CITY WELL #1 09514E36D0A1		PLIOCENE BASALT AND SILICIC VOLCANIC ROCKS (??)						PUBLIC SUPPLY	274	30		CATFISH FARMING			42.5588 114.7560	
GREEN GIANT CANNING 09515E31C001	4195	QUATERNARY AND TERTIARY BASALT AND SEDIMENTS		DRILLER'S LOG AVAILABLE				CHEMICAL CANNING	159	20		HEATING AND COOLING WITH HEAT PUMP			42.6006 114.7497	LCG, 1960
BURL CITY WELL #2 09515E31C0B1	2876	PLIOCENE BASALT AND OLDER SILICIC VOLCANIC ROCKS (??)		DRILLER'S LOG AVAILABLE				PUBLIC SUPPLY	322	32		RICEGRADATION			42.5562 114.7508	LCG, 1961
CHESTER MCCLAIN WELL #1 10512E01A0A1	4542	QUATERNARY AND TERTIARY BASALT AND SEDIMENTS (??)						IRRIGATION	152	26		FISH FARMING AND HATCHING			42.5501 114.9874	

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ESTER MCCLAIN WELL #2 114E010CB1	6613	QUATERNARY AND TERTIARY EASALT AND SEDIMENTS (7)	DRILLER'S LOG AVAILABLE	IRRIGATION	152 26	FISH FARMING	42-5612 114-9536	LCG, 1956
ESTER MCCLAIN WELL #3 114E010CB1	2645	QUATERNARY AND TERTIARY EASALT AND SEDIMENTS (7)		IRRIGATION	152 25	HEATING AND COOLING WITH HEAT PUMP	42-5612 114-9536	
ESTER MCCLAIN WELL #4 114E010CB1	1022	QUATERNARY AND TERTIARY EASALT AND SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	135 25	HEATING AND COOLING WITH HEAT PUMP	42-5612 114-9536	LCG, 1959
WICK KIRBS WELL #1 1151E020CA1				IRRIGATION	152 25	FISH FARMING	42-5613 115-0209	
WICK KIRBS WELL #2 1151E020CA2				IRRIGATION	152 25	STOCK WATERING	42-5522 115-0199	
ESTER MCCLAIN WELL #5 1151E020CB1	7570			IRRIGATION	152 26	HEATING AND COOLING WITH HEAT PUMP	42-5612 115-0186	
WICK KIRBS WELL #3 1151E110CB1	1135	FLUCCINE SILICIC VOLCANIC ROCKS	DRILLER'S LOG AVAILABLE	IRRIGATION	147 23	FISH FARMING	42-5607 115-0186	LCG, 1951
WILEY CITY WELL 1151E080CA1	945	FLUCCINE EASALT AND SEDIMENTS	ORIGINALLY USED BY FILER SCHOOL WHICH HAS BEEN DEPILISHED	RECREATION	287 27	FERMENTATION	42-5605 114-6095	LCG, 1955
TWIN FALLS CA WELL 1151E114CCD1				IRRIGATION	365 29	RECREATION	42-5407 114-4301	
J.S. STEEL-HANSEN PLANT 1151E263PA1		FLUCCINE EASALT AND SEDIMENTS	DRILLER'S LOG AVAILABLE	DOMESTIC	121 20	HEATING AND COOLING WITH HEAT PUMP	42-5326 114-3215	LCG, 1954
RAY STANOR & SONS WELL 1151E21ACD1				IRRIGATION	29	FERMENTATION	42-4532 114-2205	
STANOR SPOTHRKS WELL 1151E24CB1	5110	FLUCCINE SILICIC VOLCANIC ROCKS (7)	DRILLER'S LOG AVAILABLE	IRRIGATION	273 23	HEATING AND COOLING WITH HEAT PUMP	42-4508 114-2207	LCG, 1959

1959

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WELL IDENTIFICATION NUMBER & NAME	DISCHARGE (l/min)	AQUIFER AGE AND ROCK TYPE	GEOLOGIC STRUCTURE	REMARKS	GAS	DEPOSITION		PRESENT USE	DEPTH (m)	SURF TEMP (°C)	SURF TEMP (°C)	POTENTIAL USE BASED ON SURFACE TEMPERATURE	POTENTIAL USE BASED ON BEST ESTIMATE OF SUBSURFACE TEMPERATURE	CHLORIDE TRACE ANAL.	LATITUDE & LONGITUDE	REFERENCE
						SO <sub>2</sub>	CO <sub>2</sub>									
<u>TWIN FALLS COUNTY (cont.)</u>																
W. KIDD WELL 11-C3190A1	1942	FLIOCENE SILICIC VOLCANIC ROCKS		DRILLER'S LOG AVAILABLE				IRRIGATION	365	27		HYDROPONICS			42.4276 114.2766	CSG, 1977
ARMAN WILLIS WELL 119E3100C1		CLATEMARRY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS						IRRIGATION	350	28		BIOREMEDIATION			42.4176 114.2775	CSG, 1971
W. KIDD WELL 119E3100D1		CLATEMARRY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS						IRRIGATION	156	29		HYDROPONICS			42.4177 114.2678	CSG, 1971
BANK BARRONS WELL 119E3200D1		FLIOCENE SILICIC VOLCANIC ROCKS (7)						IRRIGATION		28		CATFISH FARMING			42.4245 114.2603	CSG, 1971
WEDSON GRIED LL 119E3300D1		FLIOCENE SILICIC VOLCANIC ROCKS		DRILLER'S LOG AVAILABLE				IRRIGATION	312	31		BIOREMEDIATION			42.4176 114.2393	CSG, 1977
W. HIGH END WAS WELL 119E3300J1	7305	CLATEMARRY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS						IRRIGATION	166	33	69	SHRIMP FARMING	REFRIGERATION (LOWER TEMPERATURE LIMIT)	YES	42.4176 114.2359	CSG, 1971
W. STANER & WAS WELL 119E3500C1		CLATEMARRY ALLUVIUM ABOVE TERTIARY SILICIC VOLCANIC ROCKS						IRRIGATION		28		FISH FARMING AND HATCHING			42.4175 114.2260	CSG, 1971
WEDDRE STURDILL LL 119E3400C1				NOT FIELD CHECKED						32	51	AGRICULTURE	GRAIN-TRAY DRYING	YES	42.4174 114.1263	
W. SALIZER WELL 116E36CA01								IRRIGATION	67	34		AGRICULTURE			42.3362 114.5246	
119E0606B1				NOT FIELD CHECKED				IRRIGATION		37	45	HYDROPONICS	SEEDLING CONIFERS	YES	42.4107 114.5142	
117-500-PAH - S 117E3154815	1113	CLATEMARRY ALLUVIUM NEAR TERTIARY SILICIC VOLCANIC ROCKS						YES RECLAMATION		38	81	BIOREMEDIATION	PRUNE DEMONSTRATION	YES	42.3374 114.5087	CSG SITE, 1969

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JONES STATE WELL 12517E01HJ41		NOT FIELD CHECKED			38	65	SOIL WARMING	APPLE DEMONSTRATION	YES	42.4165 114.2550	
JONES CORP. WELL 13517E12AC01	946	NOT FIELD CHECKED			52	35	DE-ICING ROADS			42.3578 114.0762	
JONES CORP. WELL #1 13517E06C6B1	3725	PALEOZOIC METACARBONACEOUS SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	157	29	SOIL WARMING			42.3218 114.4643	LOC. 1950
JONES CORP. WELL #2 13517E06C6A1	5113	PALEOZOIC SEDIMENTARY ROCKS (7)	DRILLER'S LOG AVAILABLE	IRRIGATION	167	39	FERTIGATION			42.3231 114.5114	LOC. 1950
JONES CORP. WELL #3 13517E06C6D1	13249	FLIOCEAN SILICIC VOLCANICS AND PALEOZOIC METACARBONACEOUS SEDIMENTS	DRILLER'S LOG AVAILABLE	IRRIGATION	152	39	STOCK WATERING			42.3329 114.5159	LOC. 1950
MOLLISTER VILLAGE WELL 13517E0766B1	340	PALEOZOIC SEDIMENTARY ROCKS (7)	DRILLER'S LOG AVAILABLE	DOMESTIC	131	34	SOIL WARMING			42.3157 114.5125	LOC. 1947
MORAN RANCH WELL 13517E13A0A1	170	QUATERNARY ALLUVIUM, FLIOCEAN SEDIMENTS AND SILICIC VOLCANIC ROCKS	DRILLER'S LOG AVAILABLE	RECREATION	73	45	GRASSWAY DRYING			42.3121 114.5027	LOC. 1949
MAGIC H S 13517E10A0A5		FLIOCEAN SILICIC VOLCANIC ROCKS	FORK SPRING VENTS: SLIGHT SULFUR ODOR	YES YES RECREATION	43	08	SELECTING CONIFERS	REFILLATION (LOWER TEMPERATURE LIMIT)	YES	42.3129 114.5036	LOC. 1971
<u>VALLEY COUNTY</u>											
LOCKY CANYON H S 12405E29C0B15	149	CRETACEOUS GRANITIC ROCK	TWO SPRING VENTS: TEMPERATURE RANGE 43-49 DEGREES C; X-RAY ANALYSIS INDICATED SOME CALCITE	YES YES UNUSE	49		SPACE HEATING			44.2526 115.0225	LOC. 1971
GOAT H S 12405E02D0A15		CRETACEOUS GRANITIC ROCK	NOT FIELD CHECKED: SEVERAL SPRING VENTS				IRRIGATION			44.3559 115.0195	LOC. 1971
CASH CREEK H S 12405E1000K15		CRETACEOUS GRANITIC ROCK	SEVERAL SPRING VENTS AND ALPHEGUS SEEPS: TEMPERATURE RANGE 28-35 DEGREES C	YES			IRRIGATION			44.3219 115.0411	LOC. 1971
WALKER H S 12405E1190D15		CRETACEOUS GRANITIC ROCK	NOT FIELD CHECKED: SEVERAL SPRING VENTS	UNUSE	38		HYDROPLANTS			44.3521 115.0236	LOC. 1971