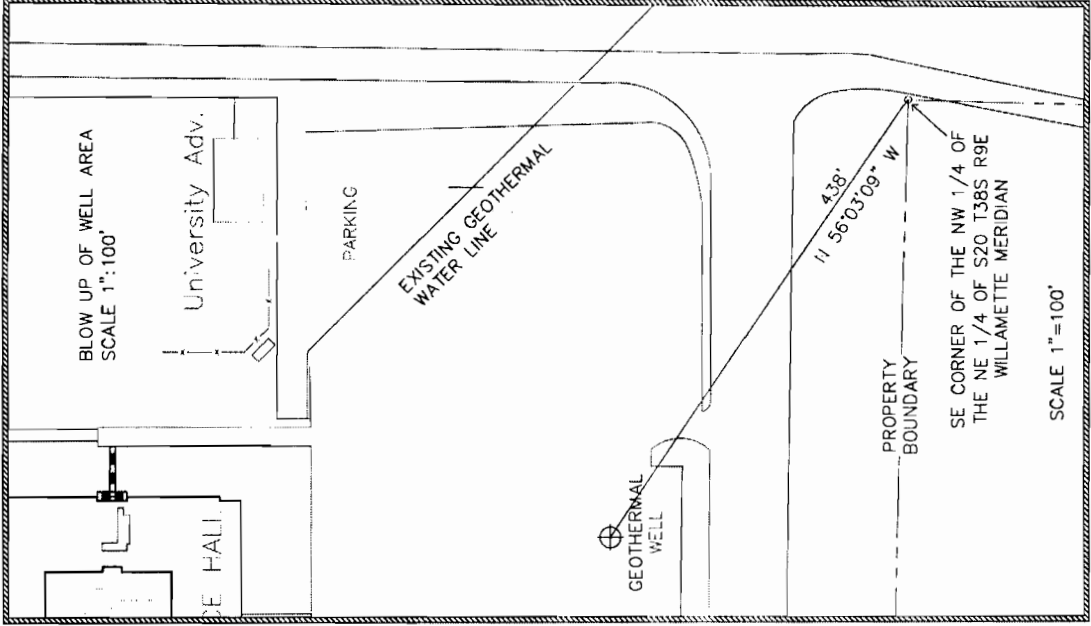
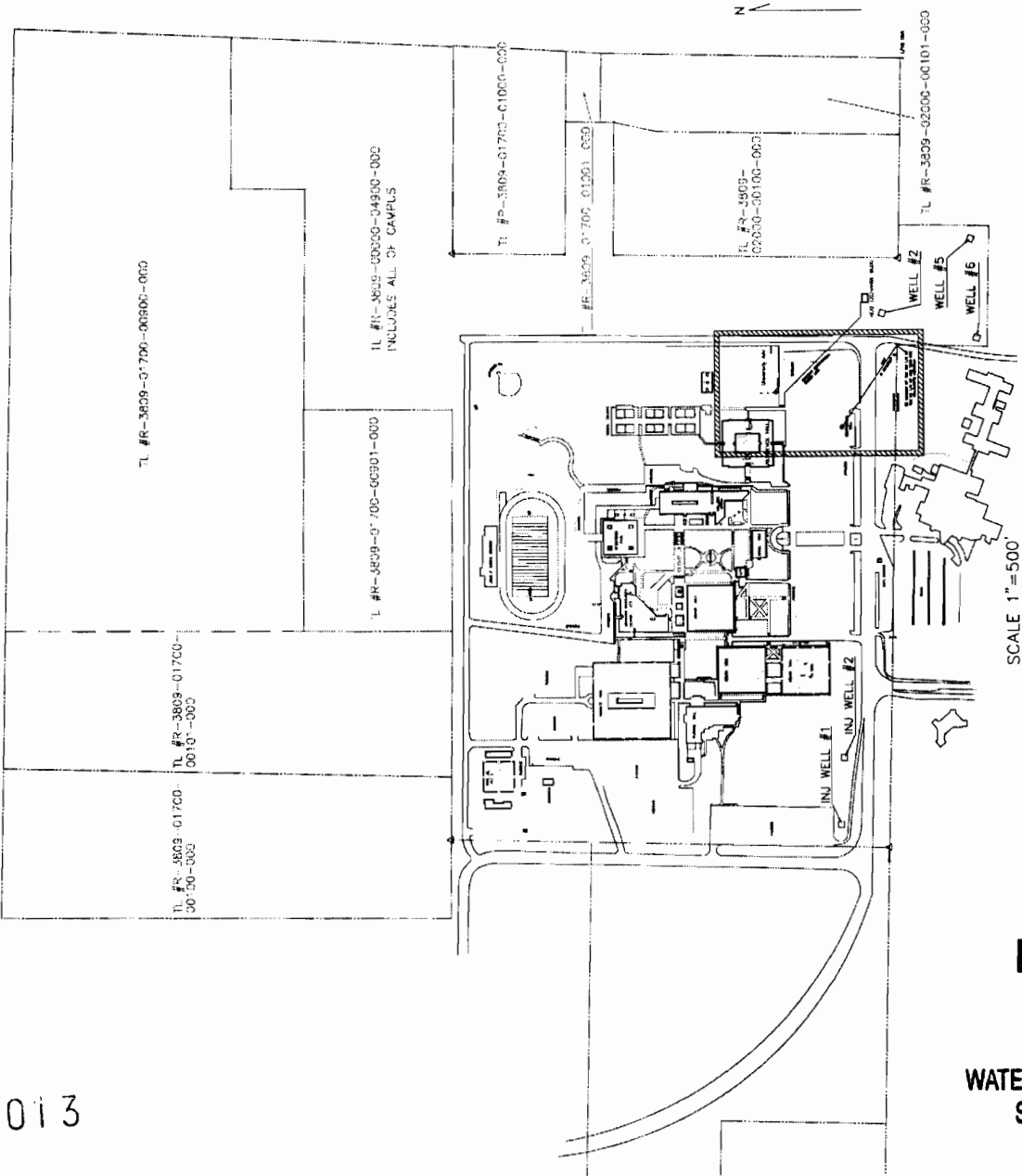


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GEO THERMAL WELL LOCATED IN SOUTHEAST PARKING LOT OF OIT CAMPUS. WATER WILL BE USED IN KLAMATH COUNTY. WELL IS LOCATED IN KLAMATH BASIN.



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WATER RESOURCES DEPT
SALEM, OREGON

3879-20A(2)



E. E. STOREY Well Drilling

TUxedo 4-3990

4237 Summers Lane.

KLAMATH FALLS, OREGON



OREGON TECHNICAL INSTITUTE
KLAMATH FALLS, OREGON

WELL # 2
AGREEMENT # 5-50

June 27, 1960

LOG - continued;

TEMPERATURES WHILE DRILLING

DEPTH	TEMPERATURE
415 feet	88 degrees
545	108
582	112
609	120
625	132
643	122
675	140
719	128
755	130
740	134
750	138
775	150
807	154
896	158
916	160
929	168
980	172
1047	178
1066	180
1089	182
1127	182
1170	184
1199	196

CASING PERFORATED

775	- 816
836	- 858
879	- 890
-890-	
912	- 935
977	- 998
1020	- 1042
1063	- 1085
1108	- 1128
1149	- 1171
1188	- 1220
1241	- 1280

Static water level before 8" casing in, 535.32'

Static after 8" casing in, inside 8" casing, 535.01'

outside 8" casing, 279.21'

441' 3" - 12 3/4 X .205 wall casing - plus 2 - 439' 3"

803' X 8 5/8 X .277 wall casing - plus 2 - 801

515' X 8 5/8 schedule 40 casing - 773' to 1288'

6" perforated 4 rows X 4' X 1/2 every other joint

Pumped 106 GPM, 666' @ 182 degrees

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WATER RESOURCES DEPT
SALEM, OREGON

STATE ENGINEER
Salem, Oregon

G-2511

State-Well No. 38/9-20A(2)
County Klamath
Application No. G-2511

Well Log

Owner: Oregon Technical Institute Owner's No. #2

Driller: E. E. Storey Well Drilling Date Drilled June 4, 1960

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Top soil	0	6	6
Boulders	6	12	6
Clay	12	16	4
Boulders	16	24	8
Clay-bound boulders	24	48	24
Clay	48	64	16
Boulders	64	69	5
Clay	69	79	10
Boulders	79	104	25
Clay	104	106	2
Boulders	106	123	17
Clay-bound boulders	123	135	12
Hard red lava	135	191	56
Yellow shale	191	197	6
Red lava	197	208	11
Red and yellow shale	208	228	20
Gray shale	228	235	7
Green shale	235	238	3
Brown lava	238	248	10
Blue shale	248	254	6
Gray basalt	254	283	29
Gray shale	283	350	67
Boulders	350	353	3
Gray basalt	353	376	23

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WATER RESOURCES DEPT
SALEM, OREGON

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STATE ENGINEER
Salem, Oregon

State Well No. 38/9-20A(2)
County Klamath (cont.)
Application No. _____

Well Log

Owner: Oregon Technical Institute Owner's No. #2

Driller: E. E. Storey Well Drilling Date Drilled _____

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Gray shale	376	415	39
Gray basalt (cold water at 400')	415	440	25
Yellow shale	440	442	2
Red lava	442	450	8
Brown lava	450	456	6
Gray shale	456	463	7
Gray basalt	463	480	17
Black lava	480	514	34
Red and black clay	514	518	4
Brown lava	518	610	92
Gray basalt	610	653	43
Brown lava	653	681	28
Gray basalt	681	700	19
Brown lava	700	719	19
Gray basalt	719	947	220
Black clay	947	950	3
Black lava	950	969	19
Red shale	969	975	6
Gray basalt	975	980	5
Red shale	980	983	3
Gray lava	983	1004	21
Brown shale	1004	1014	10
Brown lava	1014	1026	12
Brown shale	1026	1034	8

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WATER RESOURCES DEPT
SALEM, OREGON

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STATE ENGINEER
Salem, Oregon

State Well No. 38/9-20A(2)
County Klamath
Application No. G-2511

Well Log

Owner: Oregon Technical Institute Owner's No. #2

Driller: E. E. Story (log Rev. by DES / WSB) Date Drilled 6/27/60

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Yonna formation Tuff, buff (with chips of welded tuff)	0	60	60
Tuff, buff to rose	60	130	70
Tuff, rose to buff (some welded tuff, purple)	130	160	30
Tuff, pink	160	230	70
Tuff, buff to tan	230	250	20
Tuff, gray	250	270	20
Tuff, gray with fragments (pink and buff)	270	280	10
Tuff, gray	280	330	50
Tuff, light gray (fine grained)	330	360	30
Tuff, very light gray	360	370	10
Tuff, gray	370	380	10
Tuff, gray, sandy	380	390	10
Tuff, gray to light gray	390	400	10
Tuff, very light gray	400	440	40
Tuff, purple to red	440	450	10
Tuff, light gray	450	470	20
Tuff, darker gray (weathered lava?)	470	480	10
Tuff, dark gray	480	490	10
Tuff, gray (some calcite)	490	520	30
Tuff, gray, dark	520	530	10
Basalt, gray (weathered)?	530	550	20
Basalt, gray to black	550	570	20
Tuff, brownish-red (fine-grained)	570	590	20
Sandstone coarse, gray (lava?)	590	640	50

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WATER RESOURCES DEPT
SALEM, OREGON

STATE ENGINEER
Salem, Oregon

State Well No. 38/9-20A(2)
County Klamath
Application No. G-2511

Well Log

Owner: Oregon Technical Institute Owner's No. #2 Continued

Driller: E. E. Story Date Drilled 6/27/60

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Tuff, gray (or fine grained lava)	640	700	60
Tuff, light gray (altered lava?) fault zone?	700	710	10
Tuff, dark gray (or lava)	710	720	10
Basalt, gray to black (fine grained)	720	840	120
Basalt, black	840	850	10
Basalt, gray	850	920	70
Basalt, black	920	930	10
Basalt, gray	930	980	50
Basalt, light gray	980	990	10
Tuff, buff to brown (some calcite) altered Basalt?	990	1010	20
Lava, red weathered (some calcite)	1010	1020	10
Basalt, gray to brown	1020	1030	10
Sandstone or basalt, gray to dark gray	1030	1060	30
Basalt, gray	1060	1090	30
Basalt, gray to brown	1090	1100	10
Basalt, black to brown	1100	1120	20
Tuff, or basalt, fine, gray	1120	1130	10
Basalt, gray	1130	1170	40
Basalt, gray brown	1170	1190	20
Basalt, gray to black with calcite	1190		

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WATER RESOURCES DEPT
SALEM, OREGON

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STATE ENGINEER
Salem, Oregon

State Well No. 38/9-20H(1)
County Klamath
Application No. 9-2511

Well Log

Owner: Oregon Technical Institute Owner's No. # 5
Driller: E. E. Storey Well Drilling Date Drilled: 8-23-62

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Chalk rock	0	30	30
Brown shale	30	43	13
Yellow clay	43	65	22
Pink lava	65	99	34
Pink shale	99	106	7
Brown lava	106	172	66
Red lava	172	246	74
Gray basalt, W.B.	246	372	126
Blue shale	372	375	3
Gray basalt, W.B.	375	459	84
Brown basalt	459	480	21
Grayish brown basalt	480	495	15
Brown lava	495	515	20
Red buff rock	515	533	18
Reddish brown rock	533	546	13
Gray basalt	546	559	13
Reddish brown basalt	559	571	12
Gray basalt	571	682	111
Black basalt	682	691	9
Red lava	691	697	6
Gray basalt	697	768	71
Red lava	768	780	12
Gray basalt	780	940	160
Black basalt	940	968	28

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SALEM, OREGON

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KLAM
11829

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the
STATE ENGINEER, SALEM 10, OREGON
within 30 days from the date
of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No. 38/9-20 H(2)
State Permit No.

(1) OWNER:
Name ORE. TECHNICAL INSTITUTE
Address KLAMATH FALLS, ORE.

(2) LOCATION OF WELL:
County KLAMATH Driller's well number #6
EX. 314 SE 1/4 Section 2720 T. 38S R. 9E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other AWX

(5) TYPE OF WELL:
Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED: Threaded Welded
" Diam. from Sheet Attached ft. in. to Sheet Attached ft. Gage
" Diam. from Sheet Attached ft. in. to Sheet Attached ft. Gage
" Diam. from _____ ft. to _____ ft. Gage

(7) PERFORATIONS: Perforated? Yes No
Type of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from Sheet Attached ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(8) SCREENS: Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
_____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:
Well seal—Material used in seal CEMENT
Depth of seal 865 ft. Was a packer used? NO
Diameter of well bore to bottom of seal 12 in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Did any strata contain unusable water? Yes No
Type of water? COLD Depth of strata _____
Method of sealing strata off CASING

(10) WATER LEVELS:
Static level 359 ft. below land surface Date 2/18/63
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? INTER STATE
Yield: gal./min. with ft. drawdown after hrs.
" 250 " 181 " 8 "
" " " " "
" " " " "
Ballor test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date _____
Temperature of water 146 Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well below casing _____
Depth drilled 1805 ft. Depth of completed well 1805 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
<u>SHEET ATTACHED</u>		
<u>RECEIVED</u>		
<u>FEB 01 2010</u>		
<u>WATER RESOURCES DEPT.</u>		
<u>SALEM, OREGON</u>		

Work started 5/25/62 19 _____ Completed 2/22/63 19 _____
Date well drilling machine moved off of well 2/22/63 19 _____

(13) PUMP:
Manufacturer's Name _____
Type: _____ H.P. _____

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.
NAME E. ESTOREY
(Person, firm or corporation) (Type or print)
Address 3831 Hope K FALLS, ORE.
Drilling Machine Operator's License No. 107
[Signed] E. B. Storey
(Water Well Contractor)
Contractor's License No. 74 Date 3/6/63, 19 _____

(USE ADDITIONAL SHEETS IF NECESSARY)

STATE ENGINEER
Salem, Oregon

State Well No. 38/9-20H(2)
County Klamath
Application No. G-2511

Well Log

Owner: Oregon Technical Institute Owner's No. # 6

Driller: E. E. Storey Well Drilling Date Drilled Feb. 23, 1963

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Large boulder	0	14	14
Large clay-bound boulders	14	125	111
Gray clay	125	133	8
Large boulders and yellow clay	133	170	37
Yellow clay	170	187	17
Large boulder and gray clay	187	210	23
Gray shale	210	278	68
Gray basalt	278	305	27
Gray shale	305	315	10
Gray basalt	315	380	65
Boulders and gray clay	380	452	72
Gray shale, hard	452	472	20
Gray basalt	472	790	318
Red lava	790	793	3
Gray basalt	793	810	17
Red lava	810	830	20
Gray basalt	830	990	160
Red lava	990	1010	20
Gray basalt	1010	1190	180
Red lava	1190	1212	22
Black lava	1212	1290	78
Gray basalt	1290	1364	74
Red lava	1364	1421	57
Gray basalt	1421	1750	329

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WATER RESOURCES DEPT
SALEM, OREGON



E. E. STOREY
Well Drilling

TUxedo 4-3990

3831 Hope Street

KLAMATH FALLS, OREGON



MAR 8 1963

OREGON TECHNICAL INSTITUTE
KLAMATH FALLS, OREGON

WELL # 6

Static water level 159 feet

Casing installed:

- 6 5/8 X .250 wall 677' 8"
- 6 5/8 X .250 wall 294' 6"
- 10 3/4 X .250 wall 867' 6"
- 12 3/4 X .250 wall 416' 4"

Casing perforated:

Six inch

- 1576' to 1763' = 6 rows - 1X12 = 192 slots
- 1784' to 1805' = 6 rows - 1X12 = 48 slots

Eight inch

- 1012' to 1032' = 6 rows - 1X12 = 48 slots
- 869' to 991' = 6 rows - 1X12 = 48 slots

High carbon steel on each side of pipe
Coupling at top of 6 5/8" - coupling bared out at 1422' 6" on 6 5/8"
Pumped 250 GPM @ 540 feet 146 degrees

357
181

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