LOCATION: VALE, SEGON HOLE NUMBER: 18-41535 DATE MEASURED: 10/12/72

DEPTH	DEPTH	TEMPE	RATURE	GESTHERM	AL GRADIENT
METERS	FEET	DEG C	DEG F	DEG CŽKM	FEET/DEG F
5•0	16•4	11.590	52•86	•0	•0
10.0	32.8	11.190	52 • 14	-80•0	<b>-55</b> • 8
15.0	49.2	11-170	52 • 11	<b>~4•0</b>	<b>-</b> 455•6
20.0	65•6	11.210	52•18	8•0	<b>227∙8</b>
25.0	82.0	11.290	52:32	16.0	113.9
30.0	98•4	11.470	52 • 65	36.0	50•6
35.0	114.8	11.630	52 • 93	32.0	56•9
40.0	131.2	11.790	53.22	32.0	56•9
45.0	147.6	12.150	53 • 87	72.0	25•3

Bowen & Blackwell, 1975, Geothermal Studies & Exploration in Oregon:
Oregon Pept of Geology & Mineral Industries Open File Rept.

18-41-\$35

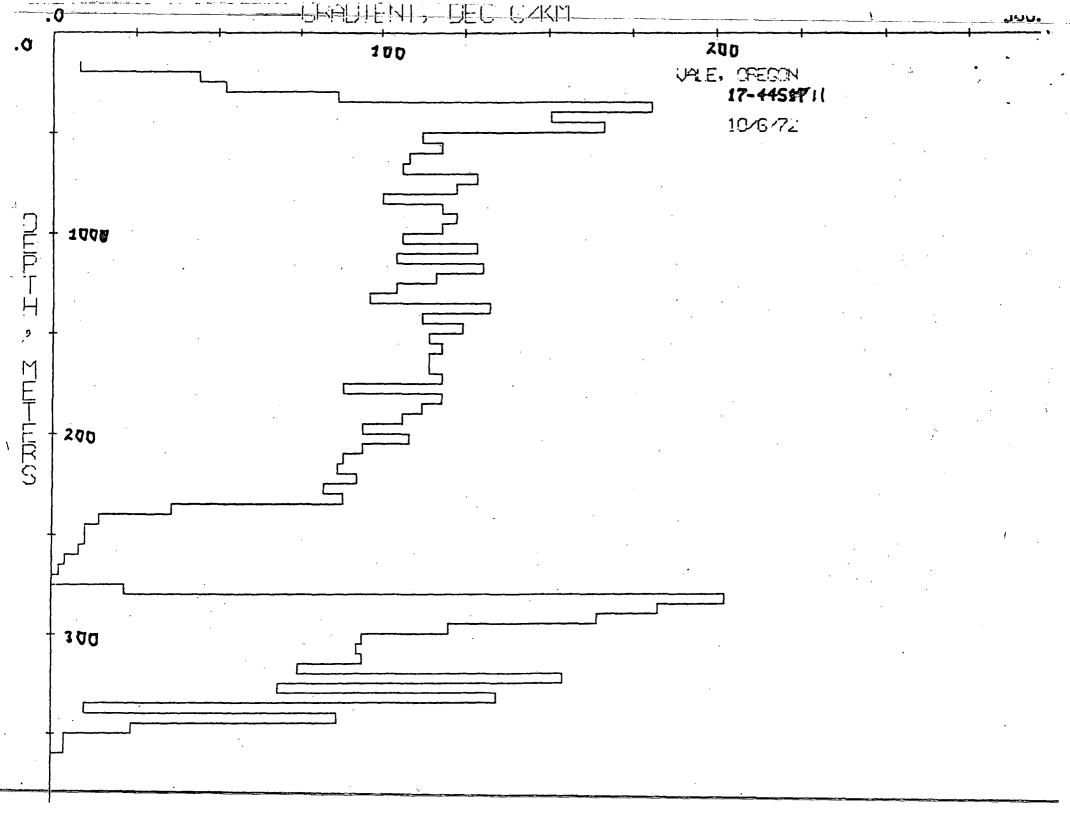
water well

LOCATION: VALE. OREGON HOLE NUMBER: 17-44531 DATE MEASURED: 10/14/72

DEPTH	DEPTH	TEMPE	RATURE	GEATHERMA	L GRADIENT
METERS	FEET	DEG C	DEG F	DEG CZKM	FEET/DEG F
5•0	16•4	13•430	56•17	•0	•0
10.0	32 • 8	13.850	56.93	84.0	21.7
15.0	49.2	14.510	58 • 12	132.0	13.8
20.0	65 • 6	14.990	58 • 98	96.0	19.0
25.0	82.0	15.630	60:13	128.0	14.2
30.0	98 • 4	15.920	60.66	58•0	31 • 4
35 • 0	114.8	16.390	61.50	94.0	19.4
40.0	131.2	16.930	62 47	108.0	16.9
45 • 0	147.6	17.390	63.30	92.0	19.8
50 • 0	164•0	17.700	63.86	62.0	29.4
55.0	180.4	18.060	64.51	72.0	25.3
60.0	196.8	18 • 430	65 • 17	74.0	
65.0	213.2	19.020	66.24	118.0	24.6
70.0	229.6	19.460	67.03	88•0	15·4 20·7

artiage 86

> Nale 17-44-\$31 10/14/72



LOÇATION: VALL OREGON HOLE NUMBER: 17-4454711 DATE MEASURED: 10/6/72

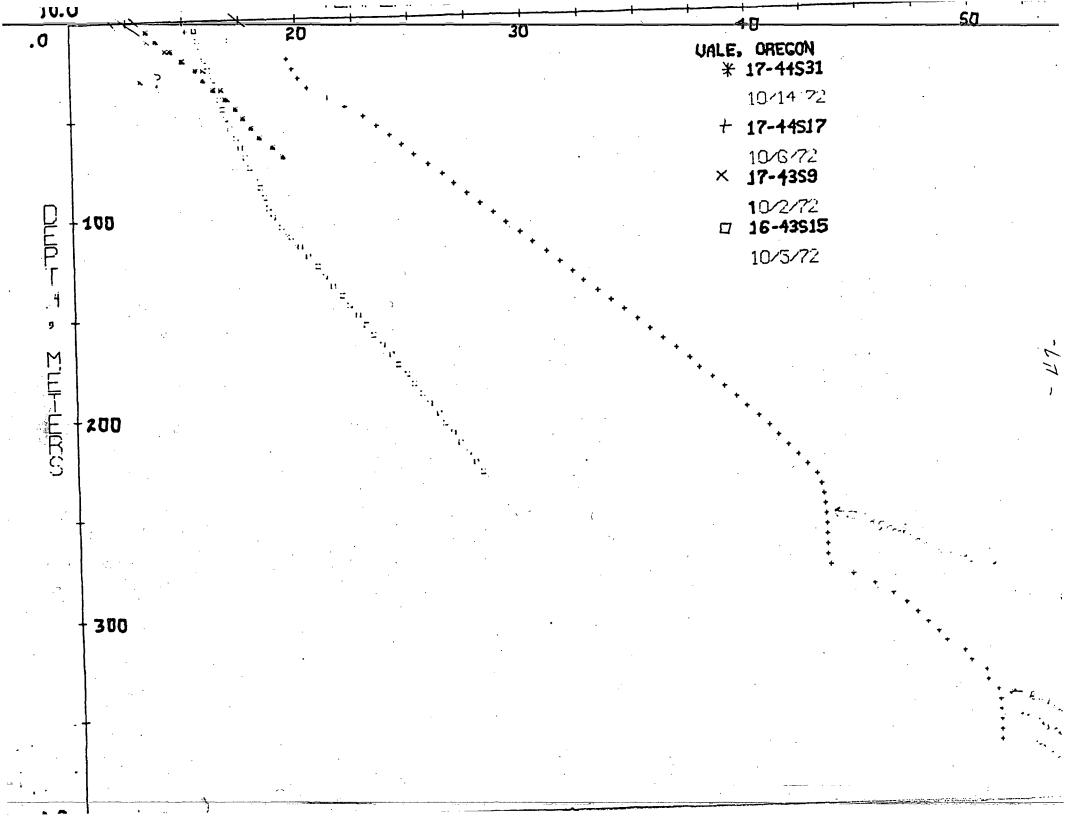
DEPTH	DEPTH	PTH TEMPERATURE		GEOTHERMAL GRA	
METERS	FEET	DEG C	DEG F	DEG C/KM	FEET/DEG
245+0	803+6	43.510	110+32	14.0	130.2
250.0	820.0	43.560	110.41	10.0	182.2
255.0	836 • 4	43.610	110.50	10.0	182.2
260.0	852•8	43.650	110.57	8 • 0	227.8
265.0	869•2	43.670	110.61	4 • 0	455.6
270.0	885•6	43.680	110.62	2•0	911.1
275.0	902.0	43.680	110.62	• 0000	00000000
280.0	918•4	43.790	110.82	55.0	82.8
285.0	934•8	44.800	112.64	202+0	9.0
290.0	951 • 2	45.710	114.28	182.0	10.0
295.0	967•6	46 • 530	115.75	164.0	11.1
300.0	984•0	47.130	116.83	120.0	15.2
305.0	1000+4	47.600	117.68	94•0	19.4
310.0	1016+8	48.060	118.51	92•0	19.8
315.0	1033•2	48.530	119.35	94.0	19.4
320.0	1049•6	48.900	120.02	74 • 0	24.6
325.0	1066•0	49•670	121.41	154+0	11.8
330.0	1082 • 4	50.010	122.02	68+0	26.8
335.0	1098•8	50.680	123.22	134.0	13.6
340.0	1115.2	50.730	123.31	10.0	182.2
345.0	1131.6	51 • 160	124.09	86 • 0	21.2
350•0	1148.0	51.280	124.30	24.0	75•9
355•0	1164•4	51.300	124.34	4.0	455 • 6
360.0	1180 • 8	51.320	124.38	4 • 0	455 • 6
365.0	1197•2	51.320	124.38	•0000	0000000000
370.0	1213.6	51.320	124.38		0.0000000

17-44-\$11

LOCATION: VALL BREGON HOLE NUMBER: 17-44917 DATE MEASURED: 10/6/72

DEPTH	DEPTH		RATURE		AL GRADIENT
METERS	FEĒT	DEG C	DEG F	DEG C/KM	FEET/DEG F
<b>5</b> 6	46.4	45 480	55.00		_
5.0	16•4	15.180	59•32	•0	• 0
10.0	32 • 8	17.080	62.74	380.0	4 • 8
15.0	49+2	19.640	67.35	512.0	3.6
50.0	65 • 6	19.680	67.42	8•0	227 • 8
25.0	82.0	19.900	67.82	44•0	41 • 4
30.0	98•4	20.160	68.29	52•0	35 • 0
35.0	114.8	20.590	69.06	86•0	21.2
40.0	131.2	21.490	70 • 68	180.0	10.1
45.0	147.6	22.240	72.03	150.0	12.1
50.0	164.0	23.070	73.53	166.0	11.0
55.0	180.4	23.630	74.53	112.0	16.3
60.0	196•8	24.220	75.60	118.0	15.4
65.0	213.2	24.760	76.57	108•0	16.9
70.0	229•6	25.290	77.52	106.0	17.2
75•0	246.0	25.930	78 • 67	128.0	14.2
80.0	262•4	26.540	79•77	122.0	14.9
85 • 0	278 • 8	27.040	80 • 67	100.0	18.2
90.0	295•2	27 • 630	81 • 73	118.0	15•4
95•0	311.6	28.240	82.83	122.0	14.9
100.0	328.0	28.830	83 • 89	118•0	15 • 4
105.0	344•4	29.360	84 • 85	106.0	17.2
110.0	360 • 8	30.000	86.00	128•0	14.2
115.0	377•2	30.520	86 • 94	104.0	17.5
120.0	393.6	31 • 170	88 • 11	130.0	14.0
125.0	410.0	31.750	89 • 15	116.0	15.7
130.0	426•4	32.270	90•09	104.0	17•5
135.0	442.8	32.750	90 • 95	96•0	19.0
140.0	459•2	33.410	92 • 1 4	132.0	13.8
145.0	475•6	33.970	93•15	112.0	16•3
150.0	492.0	34.590	94.26	124.0	14.7
155.0	508•4	35 • 160	95•29	114.0	16.0
160.0	524 • 8	35.750	96 • 35	118.0	15•4
165.0	541+2	36•320	97•38	114.0	16.0
170 • 0	557 • 6	36 • 890	98•40	114.0	16 • ф
175+0	574 • O	37 480	99.46	118.0	15.4
180.0	590•4	37.920	100.26	88•0	20•7 15•#
185.0	606 • 8	38.510	101.32	118.0	15•#
190.0	623•2	39.070	102.33	112.0	16•3 17•2
195.0	639•6	39.600	103.28	106.0	1/•12
200.0	656•0 672•4	40.070	104 • 13	94+0	19.4
205•0		40.610	105.10	108.0	16.9
210 • 0 215 • 0	588•8 705•2	41.080	105.94	94•0	19.4
550 • 0 512 • 0		41.520	106.74	88•0	20.7
225.0	721 • 6 738 • 0	41.950	107.51	86•0	21 • 2
530•0 552•0		42 410	108.34	92•0	19.8
532 • 0 · .	754•4 770•8	42 4820	109.08	82•0	22 2
240.0	7/0•8 787•2	C35+E4	109 • 87	88•0	20 7
24010	/ 4 / 4 6	43+440	110.19	36•0	50 6
		•			3

17-44-81

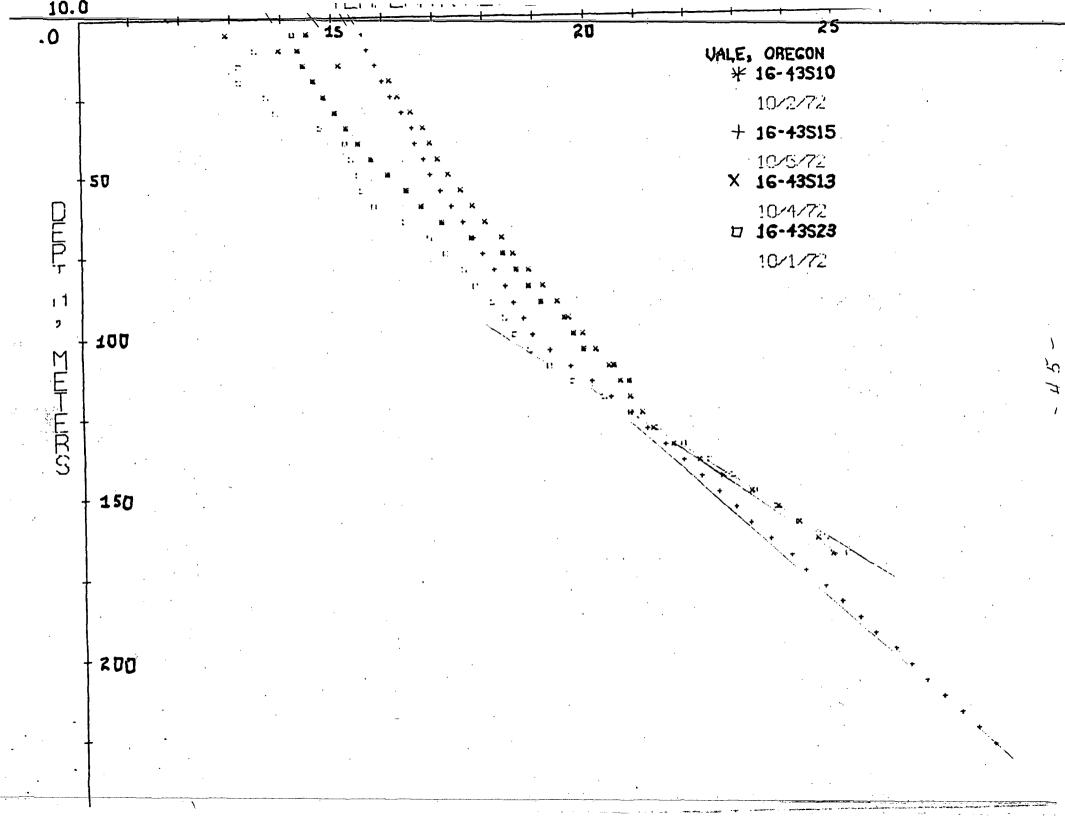


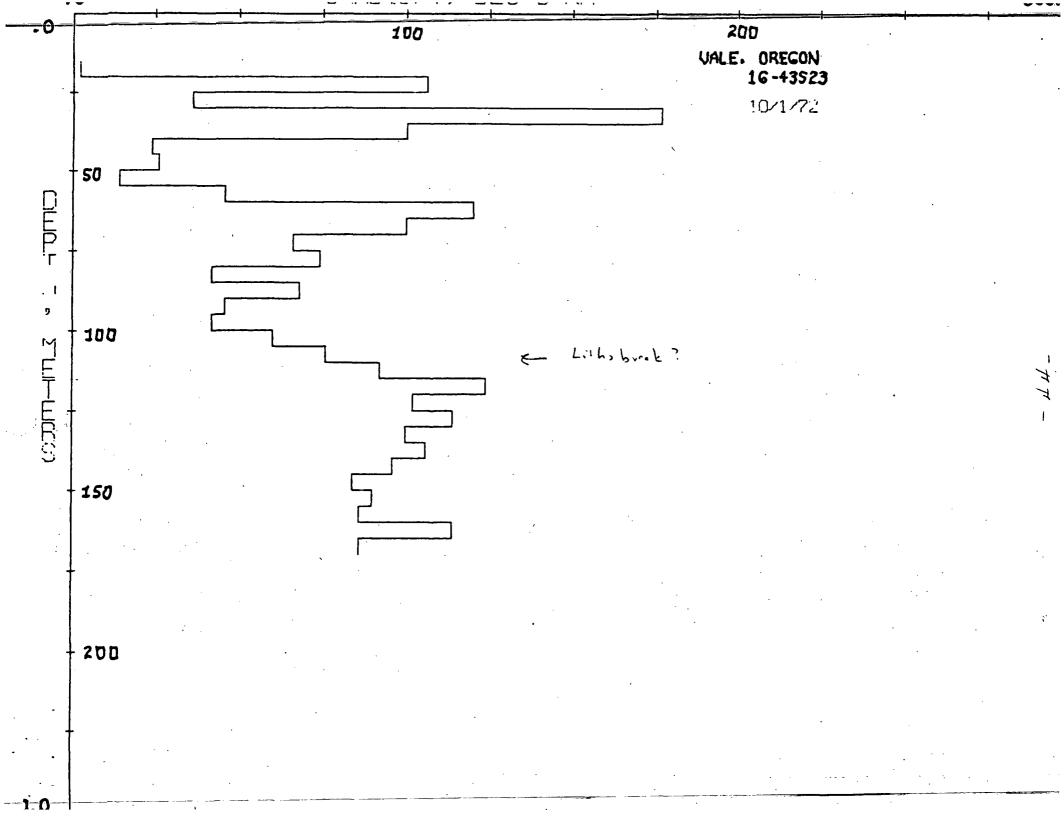
LOCATION: VALE OREGON HOLE NUMBER: 17-4359 DATE MEASURED: 10/2/72

DEPTH	DEPTH	TEMPE	RATURE	GEOTHERMA	L GRADIENT
METERS	FEĒT	DEG C	DEG F	DEG CZKM	FEET/DEG I
45					
5.0 10.0 15.0	16•4 32•8 49•2	13•440 13•460 14•260	56•19 56•23 57•67	•0 4•0 160•0	455.6 11.4
20∙0 25∙0 →30∙0	65•6 82•0 98•4	15.030 15.920 13.150	59.05 60.66 55.67	154.0 178.0 •554.0} 84	11.8
35+0 40+0	114·8 131·2	16.760 17.010	62·17 62·62	722.05 84 50.0	2 • <b>5</b> 36 • •

average 118

Vale, Ore 17-43-\$9 10/21-79



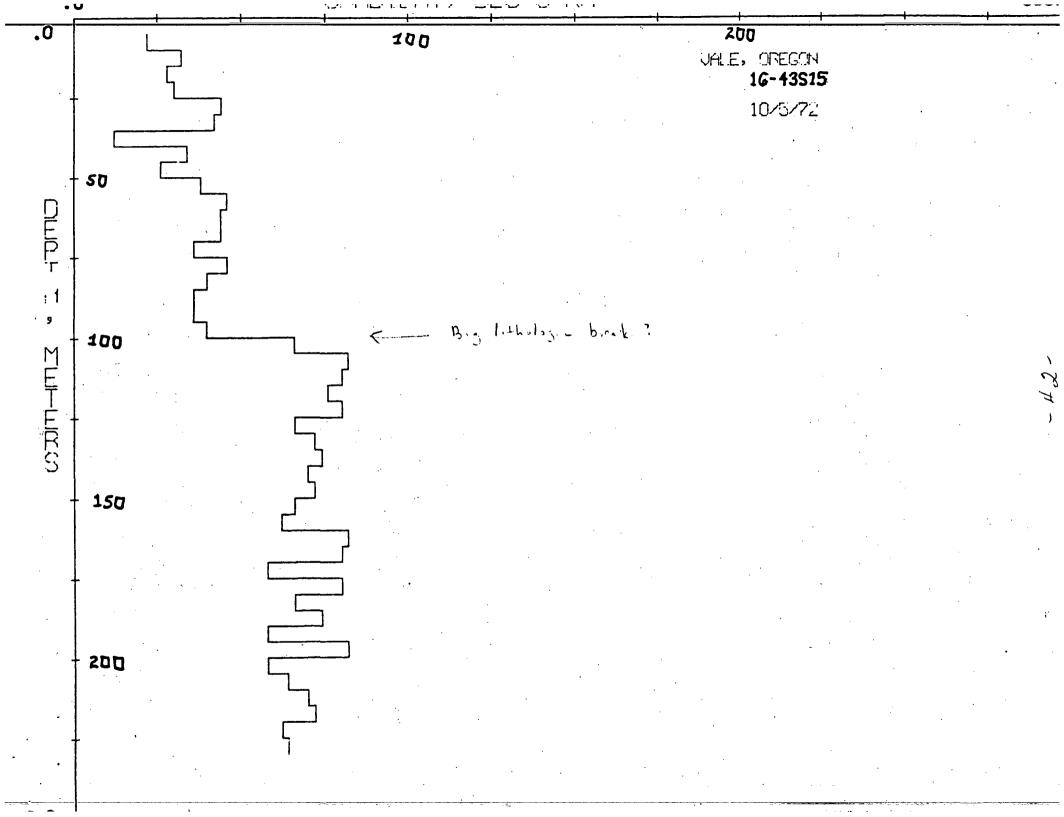


## water well

LOCATION: VALL. OREGON HOLE NUMBER: 16-43523 DATE MEASURED: 10/1/72

DEPTH	DEPTH				
METERS	FEĒT	DEG C	DEG F	DEG ÇZKM	FEET/DEG F
·				•	
√5•0	16+4	14.230	57.61	• 0	• 0
10.0	32 • 8	13.490	56.28	-148+0	-12.3
15.0	49•2	13.160	55•69	<b>-</b> 66•0	-27.6
20•0	65•6	13•170	55•71	2.0	911•1
25.0	82•0	13.700	56.66	106.0	17.2
30 • 0	98•4	13.880	56.98	36•0	50 • 6
<b>35 • 0</b>	114.8	14.760	58•57	176•0	10+4
40.0	131 • 2	15•260	59•47	100.0	18•2
45•Q	147.6	15•380	59.68	24.0	75•9
50.0	164 • Q	15.510	59.92	26•0	70•1
55.0	180•4	15.580	60.04	14.0	130.2
60.0	196•8	15.810	60.46	46.0	39•6
65.0	213.2	16.410	61 54	120.0	15.2
70.0	229•6	16.910	62•44	100.0	18•2
75.0	246.0	17.240	63.03	66•0	27.6
80.0	262.4	17.610	63.70	74•0	24.6
85.0	278•8	17.820	64.08	42.0	43.4
90•0	295•2	18.160	64.69	68 <b>•</b> 0	26.8
95•0	311 • 6	18.390	65 10	46•0	39•6
100.0	328.0	18•600	65.48	42.0	43,4
105.0	344.4	18.900	66.02	60.0	30.4
110.0	360 • 8	19•280	66.70	76•0	24.0
115.0	377•2	19.740	67•53	92•0	19•8
120.0	393•6	20.360	68.65	124.0	14•7
125 • 0	410.0	20.870	69 • 57	102.0	17.9
130.0	426 • 4	21.440	70•59	114.0	16.0
135.0	442.8	21.940	71.49	100.0	18.2
140.0	459.2	22.470	72.45	106.0	17.2
145.0	475 • 6	22.950	73•31	96•0	19.0
150.0	492.0	23.370	74.07	84.0	21.7
155.0	508 • 4	53.850	74 • 88	90•0	20.2
160.0	524•8	24.250	75 • 65	86•0	21.2
165.0	541.2	24.820	76.68	114.0	16.0
170.0	557•6	25.250	77•45	86•0	21.2

Vall 16-43-\$23 10/1/72

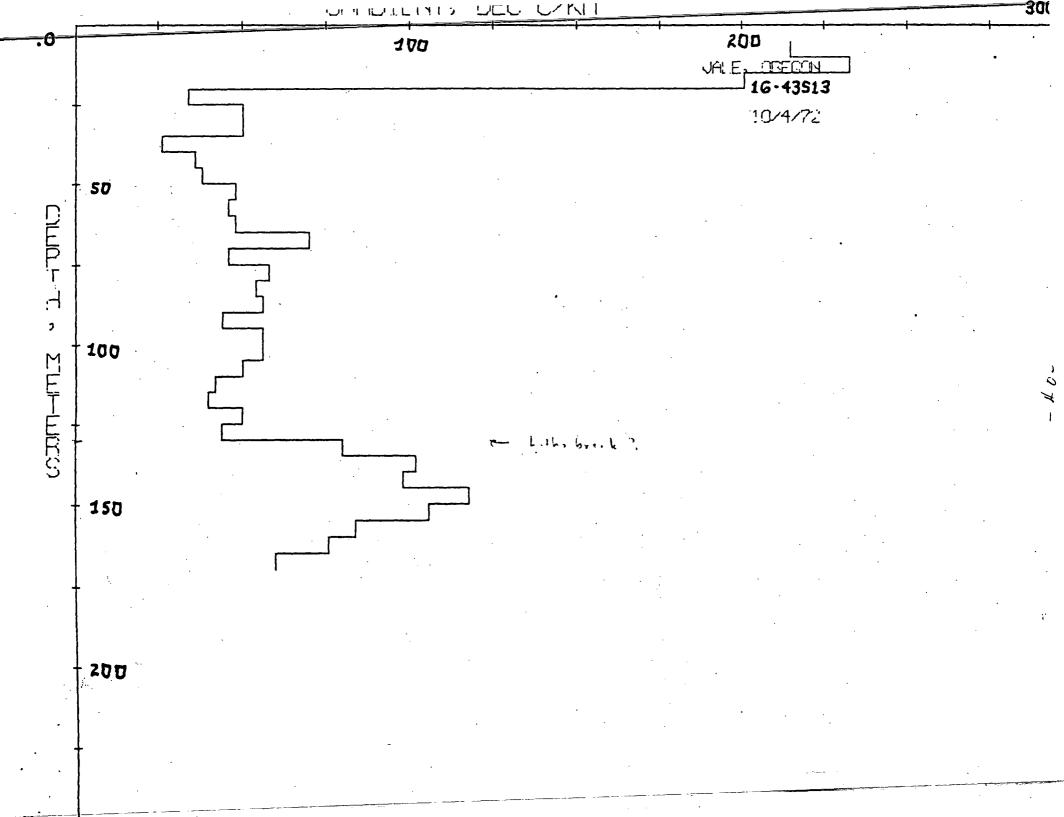


LOCATION: VALL. OREGON HOLE NUMBER: 16-43S15 DATE MEASURED: 10/5/72

		<b></b>			·	
DEPTH	-	DEPTH.	TEMPER			L GRADIENT
METERS	*	FEĒT	DEG C	DEG F	DEG C/KM	FEET/DEG F
•	•	•				
5+0	••	16•4	15•59ე	60.06	• 0	•0
10.0		32 • 8	15.700	60.26	22.0	82.8
15.0		49.2	15.860	60 • 55	32•0	56.9
20.0		65•6	16.000	60 • 80	28•0	65.1
25.0		82.0	16.150	61 • 07	30.0	63.7
30.0		98•4	16.370	61 • 47	44• <b>0</b>	41.4
35.0		114.8	16.580	61 • 84	42.0	43.4
40.0		131.2	16.640	61 • 95	12.0	II.
45.0		147.6	16.810	65.56		151 • 9
50.0		164.0	16.940	62 • 49	34.0	53 • 6
55.0		180.4			26•0	70•1
	•	196 • 8	17.130	62 • 83 62 • 85	38•0	48•0
60.0	٠.		17.360	63.25	46.0	39•6
65.0		213.2	17.580	63.64	44.0	41 • 4
70.0		229.6	17.800	64.04	44•0	41 • 4
75.0		246.0	17.980	64+36	36•0	50.6
80.0		262.4	18.210	64.78	46.0	39•6
85.0		278 • 8	18•410	65 • 14	40.0	45.6
90.0		295•2	18.590	65.46	36•0	50•6
95.0		311.6	18.770	65•79	36•0	50+6
100.0	•	328.0	18.970	66 • 15	40.0	45.6
105 • 0		344•4	19•300	66 • 74	66•0	27.6
110.0		360.8	19.710	67 • 48	82.0	22 • 2
115.0	•	377.2	20.110	68•20	80.0	22 • 8
120.0	•	393•6	20•490	68•88	76•0	24.0
125.0		410.0	20.890	69.60	80.0	22.8
130.0		426 • 4	21.520	70.20	66•0	27.6
135.0		442.8	21.580	70 • 84	72•0	25•3
140.0	*	459•2	21•950	71 • 51	74•0	24.6
145+0		475•6	22.300	72 • 14	70•0	26.0
150.0		492.0	22.660	72•79	72•0	25•3
155 • 0		508+4	22 <b>•</b> 9 <b>9</b> 0	73 • 38	66•0	27.6
160.0		524•8	23•300	73•94	62•0	29.4
165.0		541.2	23.710	74 • 68	82•0	22.2
170 • 0		557•6	24 • 110	75•40	80.0	8 • 25
175.0		574 • 0	24 • 400	75•92	58•0	31 • 4
180 • 0		590•4	24 • 800	76•64	80.0	22.8
185.0		606•8	25 • 130	77•23	66•0	27.6
190.0		623.2	25.500	77•90	74•0	24.6
195.0		639•6	25•790	78•42	58•0	.31 • 4
200.0		656 • 0	26.500	79.16	82.0	22 • 2
205•0	•	672•4	26•490	79•68	58•0	31 • 4
210.0		688•8	26.810	80 • 25	64•0	28•5
215.0		705•2	27 • 160	80 • 89	70.0	26•0
550.0		721.6	27.520	81 • 54	72•0	25•3
225.0		738•0	27•830	82.09	62.0	29•4
530.0		754•4	28•150	82•67	64+0	28•5
					•	

Vale 14-43-\$15 10/5/12

- 41-

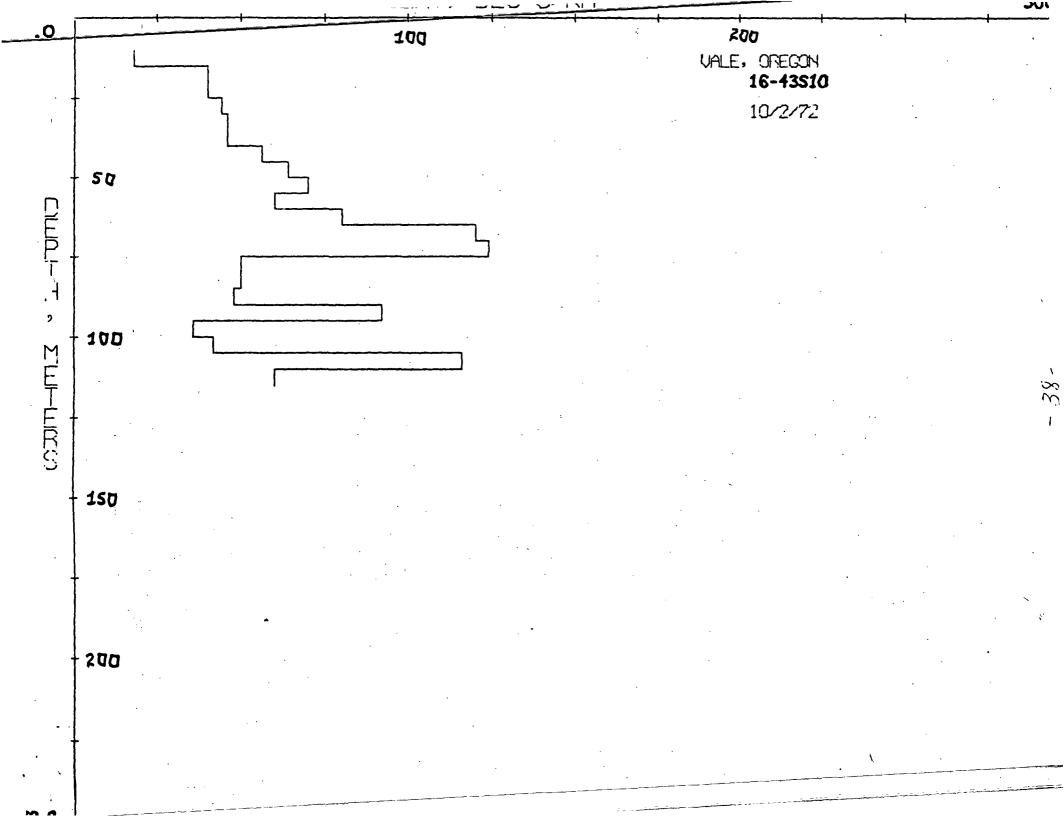


LOCATION: VALL DREGON HOLE NUMBER: 16-43S13 DATE MEASURED: 10/4/72

### water well

DEPTH METERS	DEPTH FEET	TEMPERATURE DEG C DEG F		GEOTHERMAL GRADI Deg cokm feet/d	
TETERS		DEG C \	DEG F	DEG CAKM	FEET/DEG F
5•0	16•4	12•900	55•22	•0	-0
10.0	32 • 8	13.970	57 • 15	214•0	•0 8•5
15.0	49•2	15.130	59.23	232.0	7.9
50.0	65•6	16.130	61 • 03	200.0	9.1
25.0	82.0	16.300	61 • 34	34+0	53.6
30+0	98 • 4	16.550	61.79	50 • 0	36 • 4
35.0	114.8	16.800	62.24	50 • <b>0</b>	36.4
40.0	131 • 2	16.930	62.47	26•0	70.1
45.0	147.6	17.110	62.80	36•0	50.6
50 • 0	164.0	17.300	63.14	38•0	48.0
55 • 0	180.4	17.540	63.57	48•0	38.0
60.0	196•8	17.770	63.99	46•0	39.6
65.0	213.2	18.010	64.42	48•0	38.0
. 70 • 0	229•6	18.360	65.05	70•0	26.0
75.0	246.0	18.590	65.46	46•0	39.6
80.0	262•4	18.880	65.98	58•0	31.4
85.0	278•8	19 • 150	66.47	54•0	33.7
90•0	295•2	19:430	66 • 97	56•0	32.5
95.0	311•6	19.650	67.37	44.0	41 • 4
100.0	328 • 0	19.930	67 • 87	56•0	32.5
105.0	344•4	20.210	68+38	56.0	32.5
110.0	360•8	20 • 460	68 • 83	50 • 0	36 • 4
115.0	377•2	20.670	69.21	42.0	43.4
120.0	393•6	20.870	69.57	40.0	45.6
125.0	410.0	21.120	70.02	50.0	36 • 4
130.0	426•4	21.340	70 • 41	44.0	41.4
135.0	442•8	21.740	71 • 13	80.0	8.55
140.0	459•2	22.250	72.05	102.0	17.9
145.0	475•6	22.740	72.93	98+0	18.6
150.0	492•Q	23.330	73.99	118 • 0	15.4
155.0	508•4	23.860	74+95	106+0	17.2
160.0	524•8	24.280	75.70	84+0	21 • 7
165.0	541•2	24.660	76•39	76.0	24.0
170.0	557•6	24.960	76•93	60.0	30 • 4

Nale, Ove 16-43-\$13



water well

LOCATION: VALL, BREGON HOLE NUMBER: 16-43510 DATE MEASURED: 10/2/72

	*			•	1
DEPTH	DEPTH	TEMPERATURE		GEOTHERM	AL GRADIENT
METERS	FEET	DEG Ç	DEG F	DEG CZKM	FEET/DEG F
-			<b></b> -		1
5•0	16•4	14.490	58 • 08	• 0	•0
10.0	32•8	14.340	57•81	<b>-30-0</b>	-60.7
15.0	49•2	14•430	57.97	18•0	101.2
20.0	65•6	14.630	58•33	40.0	45.6
25•0	82•0	14 • 830	58.69	40.0	45.6
30.0	98•4	15.050	59•09	44.0	41 • 4
, 35∙0	114.8	15•280	59.50	46.0	39.6
40.0	131•2	15.510	59.92	46•0	39.6
45 • 0	147.6	15.790	60.42	56.0	32.5
50.0	164.0	16+110	61.00	64.0	28.5
55.0	180.4	16.460	61.63	70.0	26.0
60.0	196.8	16.760	62 • 17	60.0	30.4
65.0	213.2	17.160	62 • 89	80•0	22.8
70.0	229 • 6	17.760	63.97	120.0	15.2
75.0	246.0	18 • 380	65.08	124.0	14.7
80.0	262.4	18 • 630	65.53	50.0	36 • 4
85.0	278 • 8	18 880	65.98	50.0	36 • 4
90.0	295.2	19.120	66.42	48•0	38.0
95.0	311.6	19.580	67.24	92•0	19.8
100 • 0	328.0	19.760	67.57	36•0	
105.0	344.4	19.970	67.95		50.6
110.0	360.8	20.550	68 • 99	42.0	43.4
115.0	377.2	20.850	69.53	116•0	15.7
	J// TL		02133	D(101)	<'1 A (L )

Vale, Ore
16-43-\$10

## Water vell

LOCATION: VALE, ...EGON HOLE NUMBER: 18-41535 DATE MEASURED: 10/12/72

DEPTH	DEPTH	TEMPERATURE		GEOTHERM	AL GRADIENT
METERS	FEĒT	DEG C	DEG F	DEG C/KM	FEET/DEG F
5•0	16•4	11.590	52•86	•0	•0
10.0	32 • 8	11.190	52:14	-80·0	<b>-22.8</b>
15 • O	49•2	11 • 170	52:11	-4.0	<b>~</b> 455•6
50.0	65 • 6	11.210	52 • 18	8.0	227.8
25 • 0	82•0	11.290	52.32	16.0	113.9
30.0	98•4	11.475	52.65	36.0	50 • 6
35•0	114.8	11.630	52.93	32.0	56.9
40.0	131.2	11.790	53.22	32.0	56.9
45.0	147.6	12.150	53 687	72.0	25.3

18-41-835

Water bell

LOCATION: VALE, . KEGON HOLE NUMBER: 18-44521 DATE MEASURED! 10/11/72

DEPTH	DEPTH	TEMPER	RATURE	GEOTHERM	AL GRADIENT
METERS	FEĒT	DEG C	DEG F	DEG CZKM	FEET/DEG F
		_			
5∙0	16.4	13.600	56•48	• 0	• Q
10.0	32 • 8	13.770	56.79	34•0	53 • 6
15.0	49•2	14.220	57•60	90•0	20.2
20.0	65•6	14.910	58•84	138•0	13+2
25.0	82.0	15.060	59•11	30.0	63.7
30.0	98•4	15.340	59.61	56•0	32.5
35.0	114 • 8	15•650	60 • 17	62•0	29•4
40.0	131.2	15.973	60.75	64.0	28•5
45.0	147.6	16•350	61.43	76.0	24.0
50.0	164.0	16.700	62:06	70•0	26.0
55.0	180.4	17.010	62.62	62.0	29•4
60.0	196•8	17.340	63.21	66.0	27 • 6
65.0	213.2	17.690	63 • 84	70.0	26.0
70.0	229.6	18.010	64.42	64.0	28.5
75 • Q	246.0	18+315	64.96	60•0	30•4
80.0	262.4	18 • 830	65 • 89	104.0	17.5
85 • 0	278.8	18.885	65 98	10.0	182.2

avery 172

18-44-\$21 10/11/72

### TEMPERATURE-DEPTH LOG

	Bridge PR 43	eper eper	rater 4 2 Blace	k/
mments		Date	e Probed 7 July	. 1977
Depth meters	Resistance ohms	Temperature OC	ΔΤ'/Δ× °C/km	Comments
71/2	134.89	12.57		<u> </u>
10		12.88	124	
121/2		13.06	72	
15	131.66	13.30	96	
17 1/2	131.06	13.45		
20		13.64		· ·
221/2	129.47	13.80	92	
25	128.50	14.03	97	<del></del>
271/2	127.49	14.26		
30	126.72	14.44	72 80	
32 1/2	125.88	14.64	. 88	
35	124.95	1486		<del></del>
371/2	124.06	15.07	72	
40		15.25	104	
421/2	122.19	15.51	84	· · · · · · · · · · · · · · · · · · ·
45	121.34	15 72	72	
~ := # 47 1/2	120.60	15.90	84	<del></del>
50		<u></u>	52	
52/2	119.21	16.24	160	<del></del>

B A C D

### NOTICE TO WATER WELL CONTRACTOR are to be filed with the

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310 SALEM, OREGON 97310 within 30 days from the date of well completion.

## WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State	Well N	.185	149	

8	State	Permit	No.	

(1) OWNER:	(10) LOCATION OF WELL:
Name ave esterberg	County Malhaur Driller's well number
Address 9t. 3- 3sle, Gregon 97918	S.B 14 N.B14 Section 7 T. 18 R. 45 W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 39 ft.
Rotary N Driven D Domestic M Industrial Municipal Cable D Jetted	Static level 20 ft. below land surface. Date 10-27-
Dug Bored I Trrigation Test Well Other	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded   Welded	
(5) CASING INSTALLED: Threaded Welded To the Gage 250	(12) WELL LOG: Diameter of well below casing
" Diam. from ft. to ft. Gage	Depth drilled 1114 ft. Depth of completed well 1414 ft.
" Diam. from	Formation: Describe color, texture, grain size and structure of materials;
	and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in
6) PERFORATIONS: Perforated? 1 Yes 1 No.	position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used Factory	MATERIAL TO SWL
Size of perforations 1 4 by in.	Vellow Clay 0 39
perforations from 35 ft. to 40 ft.	Small Gravel 39 44
perforations from	
perforations fromtt. toft.	
(7) SCREENS: Well screen installed?   Yes   No	
Manufacturer's Name	
Type Rodel No.	
D:am. Slot size Set from ft. to ft.	
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS:  Drawdown is amount water level is lowered by w static level	
Was a pump test made?  Yes No Wes, by whom?	
Yield: gal./min. with ft. drawdown after hrs.	
Beiler test 1 gal./min. with 21 ft. drawdown after I hrs.	
Artesian flow g.p.m.	
Temperature of water 55 Depth artesian flow encountered ft.	Work started 10-27-77 19 Completed 10-27-77 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well 10-27-77 19
Well seal-Material used Bentonite	Drilling Machine Operator's Certification:
Well sealed from land surface to 18	This well was constructed under my direct supervision. Materials used and information reported above are true to my
Diameter of well bore to bottom of sealin.	best knowledge and keliet
Diameter of well bore below seal in.  Number of sacks of cheen used in well seal sacks bent on it.	[Signed] Land Machine Operator Date 10-21, 19
How was cement grout placed?	Drilling Machine Operator's License No.
Too voil grout placed.	
	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.
Was a drive shoe used? T. Yes [] No Plugs Size: location ft.	
Dic. any strata contain unusable water?   Yes   No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address 87.2 BCX 371 VALS, UR AND STAND
Method of sealing strata off	(Signed) Man Line All All one
Was well gravel packed? Tyes To No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No. Date 10-27-7/, 19
(USE ADDITIONAL SE	IEETS IF NECESSARY) SP*45686-119
. The second of	A Company of the Comp

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the WATER WELL REPORT

WATER RESOURCES DEPARTMENT

WATER WELL REPORT

STATE OF OREGON

SALEM. OREGON 97310

Within 30 days from the date JAN2 1970

of well completion. (Do not write above this line)

State Well No.	<i>.</i>
State Permit No.	

	RESOURCES CELL				
(1) OWNER:	SALEM. OREGON	(10) LOCATION OF WELL:			
Name Kenreth Zim	merschied	County Malheur Driller's well	number		
Address Vale, Ore	con 97918	N.W. W. N. W. & Section/ 7 T. ]	8 R. 41	<del>_</del>	<b>W</b> .M.
(a) mype of work	(ahaala)	Bearing and distance from section or subdiv	vision corn	er	
(2) TYPE OF WORK					
New Well 🕅 — Deepening 🗆 If abandonment, describe mate				<del></del>	<del></del>
(3) TYPE OF WELL:	(4) PROPOSED USE (check):	- (11) WATER LEVEL: Completed	well.		
` '		Depth at which water was first found	120		ft.
Rotary   Driven   Cable   Jetted   Dug   Bored   Cable   Dug   Cable   Dug   Driven   Driven	Domestic X Industrial   Municipal   Irrigation   Test Well   Other	Static level 1 ft. below lan  Artesian pressure lbs. per sq			12 <u>-</u> 15-
" Diam. from	ED: Threaded □ Welder    ft. to 2¼ ft. Gage • 250  ft. to ft. Gage  ft. to ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each street	npleted we se and stru atum and a	ll 26 cture of r	ft. materials; enetrated,
(6) PERFORATIONS:	Perforated? 🗌 Yes 🧏 No.	with at least one entry for each change of for position of Static Water Level and indicate p	-		
ype of perforator used	<b>^</b>	MATERIAL	From	То	SWL
Size of perforations	in. by in.	Brown Clay	0	15	
perforations fr	om ft. to ft	Emall gravel	15_	17	
	om ft. to ft	<sup>L</sup>  S <del>lue Clay                                   </del>	17	265	
perforations fr	om ft. to ft	<u> </u>		-	<del></del>
	Set from ft. to ft. Set from ft. to ft.				
(8) WELL TESTS:	Drawdown is amount water level is lowered below static level				
Was a pump test made? 📋 Ye	s [7] No If yes, by whom?				
Yield: gal./min.	with ft. drawdown after hrs	5.			
n	,, ,,	-		ļ	
<i>n</i>	" "	_			<del></del>
Bailer test 7 gal./mi Artesian flow	n. with 260 ft. drawdown after 1 hrs	3.			
Temperature of water 60 De	pth artesian flow encountered ft	Work started 12 10 - 78 19 Comp	leted 12_	15-78	19
(9) CONSTRUCTION:		Date well drilling machine moved off of wel		15-78	
Vell seal—Material used		This well was constructed under n Materials used and information reporte best knowledge and belief.  [Signed]	ny directed above	are true	to my
		Water Well Contractor's Certification:			
		This well was drilled under my juri true to the best of my knowledge and h		nd this r	eport is
	[] No Plugs Size: location ft	Name PAGE TROS DRILLING			
Old any strata contain unusabl Type of water?					
	depth of strata	Address Rt. 2 371	52, OR	TGC!	97910
Method of scaling strata off Was well gravel packed?  Ve	os tel No Siza of graval.	[Signed] (Wajer weil Co	nkeroton)	<del> </del>	
Was well gravel packed?   Gravel placed from			/	_	10
construction and the contraction of the contraction	ft. to ft.	Contractor's License No564 Date	··ተ<~T>	<b>~</b> -4.∂	., 19

NOTICE TO The origin

MTRACTOR if this report

...ed with the WATE & RESOURCES DEPARTMENT. SALEM, OREGON 97310

Gravel placed from ft. to ft.

within 30 days from the date

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No.	18/1	1-1-
,		•

State Permit No.

of well completion. (10) LOCATION OF WELL: (1) OWNER: County Malheur Driller's well number Name for oth fatchett Address of a creann 97918 S. W. M. E. 14 Section 12 T. 18 R. 15 W.M. Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well M Deepening [7] Reconditioning [7] Abandon | If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Driven [] Rotary ft. below land surface. Date 10-2 -Domestic Tindustrial | Municipal | Static level 60 Jetted 🛚 Cable П Bored [ Irrigation [ Test Well [ Other Dug Artesian pressure lbs. per square inch. Date (5) CASING INSTALLED: Threaded | Welded 1 (12) WELL LOG: Diameter of well below casing " Diam from 0 ft to 60 ft Gage a 250 Depth drilled 120 ft. Depth of completed well 1.20 " Diam. from ft. to ft. Gage ..... Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_ with at least one entry for each change of formation. Report each change in (6) PERFORATIONS: position of Static Water Level and indicate principal water-bearing strata. Perforated? 🗌 Yes 🔣 No. MATERIAL. ype of perforator used in, by Sandy Soil Size of perforations 115 Yellowish Clay perforations from ...... ft. to 120 perforations from ...... ft. to Pes Gravel perforations from \_\_\_\_\_\_ft. to \_\_\_\_\_ft. Well screen installed? Yes A No (7) SCREENS: Diam Slot size Set from ft. to ft. Diam Slot size Set from ft. to ft. Drawdown is amount water level is lowered below static level (8) WELL TESTS: Was a pump test made? ☐ Yes ■ No wyes, by whom? Yield: gal./min. with ft. drawdown after hrs. Bailer test gal./min. with 5 5 ft. drawdown after ] hrs. g.p.m. Temperature of water 4 3 Depth artesian flow encountered ...... ft. Work started 10-28-77 19 Completed 10-28-77 Date well drilling machine moved off of well 10-28-77(9) CONSTRUCTION: Well seal-Material used Santonite Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Materials used and information reported above are true to my Well sealed from land surface to 18 ft. Materials used and minoring best knowledge and belief.

[Signed] (Diffling Machine Operator) Date 10-29-, 19 Diameter of well bore below seal 6 in. Number of sacks of coment used in well seal 4 SBCKS Bont gackst How was cement grout placed? 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. Was a drive shoe used? ★ Yes No Plugs ...... Size: location ...... ft. Name PAGE ERCTHERS DRILLING
(Person, firm or corporation) (Type or print) Did any strata contain unusable water? 

Yes 
No Type of water? Method of sealing strata off Was well gravel packed? Yes No Size of gravel: Contractor's License No.564 Date 10-28-77 , 19

ar and a second and a second as a

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 165/44E - 13 bb
State Permit No.

(1) OWNER:	(10) LOCATION OF WELL:			
Name DAVE ADALSON	County MALHEUP Driller's well number			
Address BOX 33 VALE, OREGON 97918	III. 14 IIII 14 Section 13 T. 18 1	R. 44 W.M.		
	Bearing and distance from section or subdivision	n corner		
(2) TYPE OF WORK (check):				
New Well Deepening Reconditioning Abandon				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	11.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	0S n.		
Rotary T Driven Domestic Municipal Domestic Municipal Domestic	Static level 36 ft. below land su	rface. Date 3/28/80		
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per square			
(5) CASING INSTALLED: Threaded Welded 1 Welded 1 Gage .250	(12) WELL LOG: Diameter of well be Depth drilled 100 ft. Depth of complete Formation: Describe color, texture, grain size are and show thickness and nature of each stratum with at least one entry for each change of formation.	ted well 100 ft.  In distructure of materials;  In and aquifer penetrated,  In the second of the sec		
(6) PERFORATIONS: Perforated? □ Yes 및 No.	position of Static Water Level and indicate princ	ipal water-bearing strata.		
Type of perforator used	MATERIAL	From To SWL		
Size of perforations in. by in.	Yellow Clay	0 12		
perforations from ft. to ft.	Cemented Gravel	12 30		
perforations from	Yellow Clay Fractured soft sandstone	30 80 36 80 100		
perforations fromft. toft.	11 ac car car not c Banas cone	<u> </u>		
(7) SCREENS: Well screen installed?   Yes   No				
Manufacturer's Name				
Type Model No.				
Diam. Slot size				
Diam. Slot size Set from ft. to ft.				
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made?  Yes  No If yes, by whom?	Visit in the first			
Yield: gal./min. with ft. drawdown after hrs.	<u> </u>			
a a a a				
n n n				
Bailer test 50 gal./min. with 70 ft. drawdown after 1 hrs.				
Artesian flow g.p.m.				
Temperature of water 58 Depth artesian flow encountered ft.	Work started 3/28/19 80 Completed	3/28 <b>/19</b> 80		
(9) CONSTRUCTION:	Date well drilling machine moved off of well	3/28 <b>/</b> 9 80		
Well seal—Material used CENENT	Drilling Machine Operator's Certification:			
Well sealed from land surface to 31 ft.	This well was constructed under my			
Diameter of well bore to bottom of sealin.	Materials used and information reported a best knowledge and belief	pove are true to my		
Diameter of well bore below seal in.		ate 3/31/19.80		
Number of sacks of cement used in well seal sacks	prilling Machine Operator)	( <del>-</del>		
How was cement grout placed? Prescure Grouted	Drilling Machine Operator's License No			
	Water Well Contractor's Certification:	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Was a drive shoe used? [ Yes  No Plugs Size: location ft.	This well was drilled under my jurisdicture to the best of my knowledge and belie			
Did any strata contain unusable water? [] Yes [] No	Name PACE BROTHURS DRILLII (Person, firm or corporation)	(Type or print)		
T;pe of water? depth of strata	Address RT 2 BOY 371 VALL	ODEGOM 97918		
Method of sealing strata off	100000000000000000000000000000000000000	/J		
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	[Signed] And (Water Well Contract	tor)		
Gravel placed from ft. to ft.	Contractor's License No564 Date	3/32/1920		
All and a second a	The state of the s	۰۰، ۵۰۰ مرد که ۱۳۰۰ می		

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State	Well No. 185/452-15	
	Permit No.	

(1) OWNER; ?	(10) LOCATION OF WELL:
Name ( > 11 / 11 / 200 8 00 /	County/14 Lhe III Driller's well number
Address (2 ( 1 4)	1/ E 1/4 / Section / 5 T. / 85 R. 45 E W.M.
(2) TYPE OF WORK (sheek)	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check).	Annual of the second se
New Well Deepening Reconditioning Abandon A	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 116724 ft.
Rotary Driven Domestic Industrial [] Municipal D	Static level ) 10-71 V - ft. below land surface. Date
Cable Jetted I Irrigation Test Well Other I	Artesian pressure lbs. per square inch. Date
(5), CASING INSTALLED: Threaded   Welded	(12) WELL LOG: Diameter of well below casing
Diam. from the ft. to 197 ft. Gage	Depth drilled 7 10 ft. Depth of completed well - 350 ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in
(6) PERFORATIONS: Perforated?   Yes No.	position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Soil HEALV 03
	CLAY SANON 3 13
perforations from ft. to ft.	GBAVELCENIENTED 13 05
perforations from ft. to ft.	(2A1 Veller 35 6-)
(7) SCREENS: Well screen installed? [] Yes [D No	(1) AN BLUE 63030
	SCAP STONE SSUBJA
Manufacturer's Name	
Type Model No.	CALINE NOT PRACTICAL
Diam. Slot size Set from ft. to ft.	-te (145e)
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	well ABANACHIA
Was a pump test made?  Yes No If yes, by whom?	AL ICA/EA
4: gai./min with it drawdown after hrs.	
1	
Bailer test (2) gat/min. with ft. drawdown after hrs.	
esign flow g.p.m.	
Depth artesian flow encountered ft.	Work started 4 - 17 1976, Completed 4 - 99 1976.
(9) CONSTRUCTION:	Date well drilling machine moved off of well 4-35 1976.
Well seal-Material used BENTENITE	Drilling Machine Operator's Certification:
Well sealed from land surface toft_	This well was constructed under my direct supervision.  Materials used and information reported above are true to my
Diameter of well bore to bottom of seal, in.	best knowledge and bolief.
Diameter of well bore below seal (2 in.	[Signost (1)   Hat (1) (1) Date 5 - 3, 19.76
Number of sacks of cement used in well sealsacks	
Number of sacks of bentonite used in well scal sacks	Drilling Machine Operator's Licensed No.
Brand name of bentonite 12A64C	Water Well Contractor's Cortification
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:
of water $\mathcal{LCGH}$ lbs./100 gals.	This well was drilled under my jurisdiction and this report is true to the best, of my knowledge and belief.
Was a drive shoe used? Yes No Plugs Trisize: location ft.	
Did any strata contain unusable water? [] Yes [] No	Name (Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address ATATIC CAE
Method of sealing strata off	10 m Jan V The V Contract
Was well gravet packed? [] Yes [ No Size of gravel:	[Signed] J. Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No Date

STATE ENGINEER, SALEM, OREGON 97310 \
within 30 days from the date
of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State	Well	No.	 	

State Permit No.

of wen completion. (Do not write at	nove this line)	
(1) OWNER: Name Address (2) TYPE OF WORK (check):	(10) LOCATION OF WELL:  County MALIC II Driller's well nu  SW4 // Section / 5 T. / 85  Bearing and distance from section or subdivision	R. 45E W.M.
New Well Deepening Reconditioning Abandon Reconditioning Reconditioning Abandon Reconditioning Recon	(11) WATER LEVEL: Completed we Depth at which water was first found 130	ell.
Rotary   Driven   Domestic   Industrial   Municipal   Dug   Bored   Irrigation   Test Well   Other	Static level / 5 ( ' ft. below land so lbs. per square	urface. Date / 2 - 6 - /
CASING INSTALLED: Threaded   Welded   W	(12) WELL LOG: Diameter of well be Depth drilled ft. Depth of complete formation: Describe color, texture, grain size a and show thickness and nature of each stratum with at least one entry for each change of format position of Static Water Level and indicate prince	nd structure of materials; and aquifer penetrated, ion. Report each change in
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	F.II DIET	0 7
perforations from	CLAY BUNTINITE	2 75 75 130 130 131 130
(7) SCREENS: Well screen installed?  Yes And	CLAYBLUCSTICKY CLAYSANAY SANAY FOR CRIMAL	131 300 /30 300 740 /30 300 740 /30
Type Model No.  Diam. Slot size Set from ft. to ft.  Diam. Slot size Set from ft. to ft.		
(8) WELL TESTS: Drawdown is amount water level is	-	
Was a pump test made? BYes \( \bar{\text{No If yes, by whom}} \) No If yes, by whom \( \begin{align*} al		
sperature of water £ 7 Depth artesian flow encountered ft.	Work started 1/-29 196 Complete	12-6 126
	Date well drilling machine moved off of well	13-6 1076
(9) CONSTRUCTION:  "oll seal—Material used September 1. Seal Seal Seal Seal Seal Seal Seal Seal	Drilling Machine Operator's Certification:  This well was constructed under my Materials used and information reported best knowledge and belief.	
Number of sacks of cement used in well seal sacks  Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.	100
Brand name of bentonite	Water Well Contractor's Certification:  This well was drilled under my jurisdictrue to the best of my knowledge and believed to the best of th	
Method of sealing strata off	[Signed] MAN X/A /	ofines
Was well gravel packed?  Yes No Size of gravel:	(Water Well Contra	ictor)
Gravel placed from ft. to ft.	Contractor's License No. Date Date	12-18 196

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

*	.*	10		. –	
State	Well N	。 /8s	12/5	ズー	7
	Permit				

within 30 days from the date of well completion.  (Do not write al	bove this line) State Permit N	ro	
(1) OWNER; ?	(10) LOCATION OF WELL:		
	County Alactic UK Driller's well n	umhar	
Name Address			
Call Control	NE 14/16 14 Section 15 T./8		- VV . IVI .
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	ion_corner	
New Well Deepening Reconditioning Abandon			
If abandonment, describe material and procedure in Item 12.			
	(11) WATER LEVEL: Completed w		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	<u></u>	ft.
Rotary Driven D Domestic Maintenal Municipal Domestic Mindustrial Municipal D	Static level 16.5 ft. below land	surface. Date	
P	Artesian pressure lbs. per square	re inch. Date	
(a) CASING INSTALLED: Threaded Welded ft. to ft. Gage "Diam. from ft. to ft. Gage "Diam. from ft. to ft. Gage	(12) WELL LOG: Diameter of well  Depth drilled ACC ft. Depth of comp	· .	ft.
"Diam. from ft. to ft. Gage ft. Gage ft. Gage	Formation: Describe color, texture, grain size		
Julia Aviit Le Vage	and show thickness and nature of each stratu with at least one entry for each change of forma		
(6) PERFORATIONS: Perforated?   Yes   100.	position of Static Water Level and indicate prir		
Type of perforator used	MATERIAL	From To	SWL
Size of perforations in. by in.	Soil heavil	03	
perforations from, ft. to ft.	CLAVE BOWN	178	
perforations from ft. to ft.	GRALEL CENTENTED	8 20	
perforations from ft. to ft.	CLAY BROWN	20 60	
(7) SCREENS: Well screen installed? [7] Yes 14 No	(LA1) 1324E	60 350	
	-> ANC 13/4 (X	536 337	300
Type Model No.	1 A J Est li	201 200	700
Diam. Slot size Set from ft. to ft.	SOMF STENE	200 100	100
Diam. Slot size Set from ft. to ft.	1 - 1 / 1 / 1 / 1 / 2 / 1 / 2	277 266	765
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
Was a pump test made? Yes No If yes, by whom?			
'd: gal./min. with ft. drawdown after hrs.			
" " " "		<u> </u>	
" " " "		<b> </b>	
Bailer test 5 gal./min. with 2 4.5ft. drawdown after 3 hrs.		-	
j 'esian flow g.p.m.		<del>   </del>	
mperature of water \ \frac{1}{2} Depth artesian flow encountered ft.	Work started 1-32 197/- Complet	w 4-30	107/
		1 - 70	<sup>13</sup> Z.5
(9) CONSTRUCTION:	Date well drilling machine moved off of well	7-56	19/6
Well seal—Material used 30 MT MIT Well sealed from land surface to 50 ft.	Drilling Machine Operator's Certification: This well was constructed under my Materials used and information reported	direct superv	
Diameter of well bore to bottom of seal in.  Diameter of well bore below seal in.	Signed A (Drilling Machine Operator)	Date 5 -/5	1976
Number of sacks of cement used in well sealsacks	Drilling Machine Operator's License No.	100	*
Number of sacks of bentonite used in well seal sacks	Diffing Machine Operator's License Wo.		
Brand name of bentonite	Water Well Contractor's Certification:		
Number of pounds of bentonite per 100 gallons  cf water	This well was drilled under my jurisd true to the best of my knowledge and bel		eport is
Was a drive shoe used? Yes [] No Plugs 1 W. Short location ft.	Name I C C I A V D S	Wind (	0
Did any strata contain unusable water?   Yes No	(Person, firm or conforation)	(Type or prin	1)
Type of water? depth of strata	Address ( A A A C ( )	110601	<u> </u>
Method of sealing strata off	18:00	021161	1
Was well gravel packed? Yes No Size of gravel:	[Signed] Water Well Control	ractor)	<i>f</i>
Gravel placed fromft. toft.	Contractor's License No. Date Date	5-1.81	197/
			<u> </u>

WATER WELL REPORT filed with the State Well No. .... TATE OF OREGON STATE ENGINEER, SALEM, OREGON (Please type or print) 16 1970 to limite above this line) within 30 days from the date State Permit No. of well completion. (10) LOCATION OF WELL: County Mickeline Driller's well number W 1 4511 14 Section / 6 T. 19 R. Bearing and distance from section or subdivision corner (2) TYPE OF WORK (cheek'): New Well [ Decpening [ Reconditioning [] Abandon [7] If abandonment, describe material and procedure in Item 12 (11) WATER LEVEL: Completed well. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Rotary Domestic [ Industrial [ Municipal [ Static level Date 10 ft. below land surface. Date Jetted Irrigation [] Test Well [] Other Dored [] Artesian pressure lbs. per square inch. Date CASING INSTALLED: Threaded [] (12) WELL LOG: Diameter of well below casing Depth drilled , ft. Depth of completed well Formation: Describe color, texture, grain size and structure of materials; Diam, from ft. to and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. PERFORATIONS: Perforated? [] Yes Type of perforator used MATERIAL From Size of perforations 20 20 perforations from perforations from (7) SCREENS: Well screen installed? \(\sim\) Yes Manufacturer'. Name Tyre ... Model No. ... Slot size Diam Slot size Set from ft. to ft. (8) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? [] Yes [] No If yes, by whom? gal./min. with ft. drawdown after 14 gal. / with /5B tt. drawdown after mperature of water Depth artesian flow encountered Date well drilling machine moved off of well (") CONSTRUCTION: Drilling Machine Operator's Certification: Well seal-Miterial used This well was constructed under my direct supervision. Well sealed from land surface to Materials used and information reported above are true to my Diameter of well bore to bottom of seal ....... best knowledge and belief [Signed] W. Drillin, Machine Operator) Danneter of well bore below seal . 6 ... Number of sacks of cement used in well seal Drilling Machine Operator's License No. Number of sacks of bentonite used in well seal Brand name of bentonite Avet Duf Water Well Contractor's Certification: Number of pounds of bentonite per 100 gallons This well, was drilled under my jurisdiction and this report is

Was well gravel packed? [ Yes [ No Size of gravel: Gravel placed from ...... ft. to .....

depth of strata

Was a drive snoe used? HYes [ No Plugs ... Size: location

Oid any strata contain unusable water? [] Yes the No

of seater

Type of water?

Method of sealing strata off

true to the best of my knowledge and belief.

.. lbs./100 gals.

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT.
SABEM, OREGON 97310
within 30 days from the date
of well completion

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 185 15 186
---------------------------

(1) OWNER:	(10) LOCATION OF WELL:			
Name LELAND ANDERSON	County MALHEUR Driller's well n	umber		
Address VALE, OREGON 97918	SE 14 SE 14 Section 18 T. 18	<u>r. 45</u>		W_M_
(9) TYPE OF WORK (sheets).	Bearing and distance from section or subdivis	ion corne	er	
(2) TYPE OF WORK (check):				
New Well Abandon Deepening Reconditioning Abandon I If abandonment, describe material and procedure in Item 12.				
	(11) WATER LEVEL: Completed v	vell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found		<u> 360 </u>	ft.
Rotary XX Driven   Domestic X Industrial   Municipal	Static level 70 ft. below land	surface.	Date 5	<u>/29/</u> ?
Dig	Artesian pressure lbs. per squa	re inch.	Date	
75) CASING INSTALLED: Threaded Welded M. 6. "Diam from 0 ft. to 50 ft. Gage 250	(12) WELL LOG: Diameter of well Depth drilled 370 ft. Depth of comp			
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain sizé	and stru	cture of	materials;
" Diam. from ft. to ft. Gage	and show thickness and nature of each strat- with at least one entry for each change of form.	um and a	aquifer pe	enetrated,
(6) PERFORATIONS: Perforated? □ Yes 🖾 No.	position of Static Water Level and indicate pri			
pe of perforator used	MATERIAL	From	то	SWL
Size of perforations in. by in.	CEMENTED GRAVEL	0	12.	
perforations fromft. toft.	MEDIUM GRAVEL	124	1.8	
perforations fromft. toft.	YELLOW CLAY	18	36	
perforations from ft. to ft.	SMALL GRAVEL	36	45	
(E) CODEENC.	BROWN CLAY	4.5	71	
(7) SCREENS: Well screen installed?   Yes   Yes	BLUE CLAY	7].	80	
Manufacturer's Name	SANDY CLAY BLUE	80	83	177
Type Model No.  Diam Slot size Set from ft. to ft.	BLUE CLAY	83	300	
Dram Slot size Set from ft. to ft.	BLUE SHATE	<u>360</u>   368	700	<u> </u>
The state of the s	BLUE CLAY	1200	120	· ·
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	DEO CONTRA		3.74 3	-
Was a pump test made? [] Yes [XNo If yes, by whom?	WEULIVED	1	<del></del>	THE LEW Y
Yeld: gal./min. with ft. drawdown after hrs.		JA	N.C. 011	120
y " " " "	00T 25 1979 WAY	CER RE	cours	
" " " " " " " " " " " " " " " " " " "	WATER RESOURCES DEPT	SALE	1 1	
	SALEM, OREGON	1	1, 010	.4~t,4}{
Buller test 12 gal./min. with 200t. drawdown after 1 hrs.		<del> </del>	}	<del></del>
Artesian flow g.p.m.  Temperature of water 38 Depth artesian flow encountered ft.	E/25/ 70	ــــــــــــــــــــــــــــــــــــــ	L	<u> </u>
remperature of water j() Depth artesian flow encountered ft.	Work started 5/25 79 79 Complete	ed		251979
(J) CONSTRUCTION:	Date well drilling machine moved off of well		2/3	<u> 26,479</u>
Well sealed from land surface to 50 ft.  Diameter of well bore to bottom of seal 10 in.  Diameter of well bore below seal in.	This well was constructed under my Materials used and information reported best knowledge and belief.	direct above	are true	to my
8	[Signed   frilling Machine Operator]	_Date	. <b>c</b> 2-1.0	., 19.27
How was cement grout placed?	Drilling Machine Operator's License No.	<u>()</u>	<u>-</u>	
PRÉSSURE GROUTED				
	Water Well Contractor's Certification:	liatio :	سلاما المست	
	This well was drilled under my jurisd true to the best of my knowledge and be		na this r	eport is
Was a drive shoe used? 🗸 Yes 🗌 No. Plugs Size: location ft.	Name PAGE BROTHERS DRILLI		,	
O d any strata contain unusable water? 口 Yes 四 No	(Person, firm or corporation)		ype or pri	
Type of water? depth of strata	Address RT 2 BOX 371	UKI	dGON (	21.7±0
Method of sealing strata off	[Signed] M. Miliah	's la	م بد	
Was well gravel packed? [] Yes [XNo Size of gravel:	(Water Well Cont		_	-
Gravel placed from ft. to ft.	Contractor's License No 564. Date		6:10	19.7

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

Do not write above this line

State	Well No.	135/	1/:	·,	17-	i
State	Permit N	Io				

of well completion. (Do not write a	bove this line)			
(1) OWNER:	(10) LOCATION OF WELL:	<del></del>		
Name TAILLED AIDINGON	County IALIEUR Driller's well i	number		
Address 1 // 1141 523777 2. BCT 229	W 4 NE 4 Section 3.9 T. 18	<b>R</b> . 11.5	<del></del>	W.M.
<u> </u>	Bearing and distance from section or subdivi			
(2) TYPE OF WORK (check):	and distance from Section & Section	3-011		
New Well 🚼 — Deepening □ — Reconditioning □ — Abandon □				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed	vell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found		360	ft.
Rotary Driven Domestic H Industrial Municipal	Static level 50 ft. below land	surface		
Cable	Artesian pressure lbs. per squa			<u> </u>
CACING INCHALLED				
(5) CASING INSTALLED: Threaded □ Welded 译	(12) WELL LOG: Diameter of well	below ca	sing	<u> </u>
	Depth drilled 370 ft. Depth of comp	oleted wel	ı <u>37</u> 0	ft.
" Diam. from ft. to ft. Gage ft. Gage ft. to ft. Gage	Formation: Describe color, texture, grain size			
Diam. from 14. to 15. Gage	and show thickness and nature of each strat with at least one entry for each change of form		-	
(6) PERFORATIONS: Perforated?   Yes X No.	position of Static Water Level and indicate pr			
ype of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	Yellow Clay	0	5	
perforations from ft. to ft.	iard Glay & Gravel	] 3	10	
perforations from ft. to ft.	_ Modium Gravel	10	25	
perforations from ft. to ft.	Dluo Clay	1 23	<u> </u>	50
(7) SCREENS: Well screen installed? Yes TrNo	Sandy Dlue Clay	360	700	
Manufacturer's Name	<u>Clue Clay</u>	366	213	
Type Model No.		<del> </del>		
Diam. Slot size Set from ft. to ft.				
Diam. Slot size Set from ft. to ft.				
(8) WELL TESTS: Drawdown is amount water level is	RECEIVED			
lowered below static level				
Was a pump test made? Yes X No If yes, by whom?	0073:1979			
Yield: gal./min. with ft. drawdown after hrs.	WATER PECONS	<del> </del>		
" " "	WATER RESOURCES DEPT	1		
и и и	SALEM, OREGON	1		
Bailer test 20 gal./min. with 520ft. drawdown after 1. hrs.				
Artesian flow g.p.m.				
Cemperature of water A Depth artesian flow encountered ft.	Work started 70/17/19 73 Comple	ted	10/17	/ 19 7
(3) CONSTRUCTION:	Date well drilling machine moved off of well		10/17	/ 19 💯
Well scal-Material used 20.12012	Drilling Machine Operator's Certification	:		
Well sealed from land surface to 20 ft.	This well was constructed under my			
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and helief			
Diameter of well bore below seal j in.	[Signed] My Continue Machine Operator	Date	10/2	-19 7C
Number of sacks of cement used in well seal sacks	Drilling Machine Operator		5:	,
How was cement grout placed? Proposize (rollied)	Drilling Machine Operator's License No.			
	Water Well Contractor's Certification:			
	This well was drilled under my jurisc	liction ar	nd this r	enort is
Was a driver short head? ("Yes (1 No. Diser. ) Circ. No. Diser.	true to the best of my knowledge and be	lief.		CPOLC 15
Was a drive shoe used? [ Yes [] No Plugs Size: location ft, Did any strata contain unusable water? [] Yes [ No	Name PAGE DROTHERS DR			
	(Person, firm or corporation)	w, Ö	RIGOL.	97.
Type of water? depth of strata	Address	<b></b>	•••••	
Method of sealing strata off	[Signed] Auful   Aga	<u></u>		• • • • • • • • • • • • • • • • • • • •
Was well gravel packed? Yes 1 No Size of gravel:	water well con		/51.7	r <b>)</b>
Gravel placed from ft. to ft.	Contractor's License No. 564 Date	10	164	19(

WATER RESOURCES DEPARTMENT.
SALEM. OREGON 97310
within 30 days from the date of well completion.

# WATER WELL REPORT

TATE OF OREGON
(Please type or print) (Do not write above this line) RESOURCES DELT.

(1) OWNER:	(10) LOCATION OF WELL:				
Name Farb 304	County Malhaur Driller's well no	mber			
Address Vale, Operon 97918	マン 坂 〒 14 Section 19 T. 18 R. 45 W.M.				
	Bearing and distance from section or subdivision	on corner			
(2) TYPE OF WORK (check):					
New Well 🛴 Deepening 🗍 Reconditioning 🗍 Abandon 🗋					
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.			
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	170		ft.	
Rotary Driven Domestic H Industrial Municipal	Static level 775 ft. below land s		Date /	+-15-	
Cable	Artesian pressure lbs. per squar			T	
(5) CASING INSTALLED: Threaded □ Welded ☑  6 "Diam from □ ft. to □ 20 ft. Gage ■ 250  "Diam from ft. to ft. Gage  "Diam from ft. to ft. Gage □	(12) WELL LOG: Diameter of well be Depth drilled 312 ft. Depth of complements formation: Describe color, texture, grain size a and show thickness and nature of each stratuments with at least one entry for each change of formations.	eted well and struct m and aq	31: ure of m uifer pe	2 ft. naterials; netrated,	
(6) PERFORATIONS: Perforated? ☐ Yes ₺ No.	position of Static Water Level and indicate prin	cipal wate	er-bearin	g strata.	
Type of perforator used	MATERIAL	From	То	swL	
Size of perforations in. by in.	Gravley Clay	9	- 5]		
perforations fromft. toft.	Cemented Fravle	5	13		
perforations fromft. toft.	Loose Yed. Gravel	12 18	19		
perforations from ft. to ft.	Yellow Clay	104	104 170		
(7) SCREENS: Well screen installed? Yes Yes No	Slue Clay	170	173		
Manufacturer's Name	Sandy Thue Clay Thue Clay	173	291		
Type Model No	Sandy Plue Clay	291	298	<del> </del>	
Diam. Slot size Set from ft. to ft.	Sticky Blue Clay	298	312		
Diam. Slot size Set from ft. to ft.					
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				<del></del>	
Was a pump test made? 🖸 Yes 💆 No If yes, by whom?					
Yield: gal./min. with ft. drawdown after hrs.					
n " " "					
и и и и					
Bailer test 12 gal./min. with 197ft. drawdown after 1 hrs.					
Artesian flow g.p.m.					
Temperature of water 0 Depth artesian flow encountered ft.	Work started 4-13-78 19 Complete		79		
	Date well drilling machine moved off of well	4-15	2-78	19	
(9) CONSTRUCTION:		<del></del>	<del></del>		
Well seal-Material used Fantonite	Drilling Machine Operator's Certification: This well was constructed under my	direct	elinor	wicion	
Well sealed from land surface to 18 ft.  Diameter of well bore to bottom of seal 19 in.	Materials used and information reported				
	best knowledge and beltef		<b>1</b> ~ ~	· <b>Ω</b>	
Diameter of well bore below seal	[Signed] (Drilling Machine Operator)	Date ./∔.⁼	.12(	,⊶19	
Number of sacks of cement used in well seal 3 sacks How was cement grout placed? Pressured Crouted	Drilling Machine Operator's License No.	65			
	Water Well Contractor's Certification:				
	This well was drilled under my jurisdi true to the best of my knowledge and bel		d this r	eport is	
Was a drive shoe used? □XYes □ No Plugs Size: location ft.  Did any strata contain unusable water? □ Yes □X No	Name PAGF BROS DRILLING (Person, firm or corporation)	(Tu	pe or prin	t)	
Type of water? depth of strata	Address RT. 2- Eq.: 371- VAL				
Method of sealing strata off	11. 1. 10/10		·······		
	[Signed]	ACTOR I	<u> </u>		
	Contractor's Ligense No. 564 Date 4:	(/.	3	10	
Gravel placed from	Contractor's Lipense No. 504 Date 4:	-12-63	<del></del>	., 19	

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

# WATER WELL REPORT WELL STOP 1

STATE OF OREGON E ENGINESISTE Well No.

(Please type or print) ALEM DREGON Permit No.

(Do not write above this line)

(1) OWNER:	(10) LOCATION OF WELL:			_		
Name Herbert Roy	County Makheur Driller's well number					
Address Ranch, Vala, Oregon	566 47E 4 Section 19 T. 135 R. 45tr W.M.					
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivis	ion corne	er			
New Well ☑ Deepening ☑ Reconditioning ☐ Abandon ☐						
If abandonment, describe material and procedure in Item 12.						
	(11) WATER LEVEL: Completed v		20 2	7.00		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found be two	en 1	28 8	130 ft.		
Rotary ☐ Driven ☐ Domestic 🙀 Industrial ☐ Municipal ☐ Cable 🛣 Jetted ☐	Static level 115 ft. below land	surface.	Date 0-	1 - 13		
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per squa	re inch.	Date			
CASING INSTALLED:  6 "Diam. from 1 1 ft. to 21 ft. Gage 250  "Diam. from ft. to ft. Gage "Diam. from ft. to ft. Gage Perforated? Yes No.	(12) WELL LOG: Diameter of well Depth drilled 175 ft. Depth of comp formation: Describe color, texture, grain size and show thickness and nature of each stratu with at least one entry for each change of formation of Static Water Level and indicate principal of the principal of the color of	and structum and and antion. Rep	ture of national desired in the second secon	naterials; netrated, change in		
Type of perforator used	MATERIAL	From	То	SWL		
Size of perforations in. by in.	Gravely Soil	0	2			
perforations from ft. to ft.	Lime Deposit	2	4			
perforations fromft. toft.	Cemented Gravel	4	8			
perforations fromft. toft.	Gravel (dry)	B	17			
	Brown Sticky Clay	17	23			
(7) SCREENS: Well screen installed?   Yes *No	Reddish, brn. Sandy Clay		34			
Manufacturer's Name	Brown Clay	34	104			
Type Model No.	Flue Sticky Clay	104	113			
Diam. Slot size Set from ft. to ft.	lue Shale (Med. Soft)	113	123			
Diam. Slot size Set from ft. to ft.	Gravely Slue Clay	123	122			
(8) WELL TESTS: Drawdown is amount water level is	Broken, soft, Blue sandst	125	130			
lowered below static level	Dark Plue Gravely Clay	130	165			
Was a pump test made? Tyes No If yes, by whom?	Plue Sandstone M/B	165	172			
gal./min. with ft. drawdown after hrs.	Sticky Rive Clay	172	175			
, ", ", ", ", ", ", ", ", ", ", ", ", ",	Jordan Carlo	1-1-	<del>  *   /  </del>			
n n		<del> </del>				
Bailer test 13 1/3al./min. with 60 ft. drawdown after 1 hrs.		<del> </del>	}			
Artesian flow g.p.m.		1	<del>                                     </del>			
perature of water 56 Depth artesian flow encountered ft.	Work started 6-13-73 19 Complete	ted 6-	is-73	19		
(9) CONSTRUCTION:	Date well drilling machine moved off of well	6-	19-73	19		
Well sealMaterial used Coment Well sealed from land surface to 13 ft.	Drilling Machine Operator's Certification	:				
Well sealed from land surface to 13 ft.	This well was constructed under my					
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.	apove	are true	to my		
Diameter of well bore below sealin.	[Signed] La And La Jacobs (Drilling Machine Operator)	Date 6.	-13-7	3 19		
Number of sacks of cement used in well sealsacks		6 5		,		
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.					
Brand name of bentonite	NV-4- XV-II Clark asked - Cartification					
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:					
of water	This well was drilled under my jurisd true to the best of my knowledge and be		nd this r	eport is		
Was a drive shoe used? A Yes □ No Plugs Size; location ft.	Name PAGY TROTALES DRILL	TATE				
Did any strata contain unusable water? [] Yes X] No	(Person, firm or corporation)	<b>(T</b>	ype or pri			
Type of water? depth of strata	Address RT.2- FCX 371- VAI	O)	REGON	9791		
Method of sealing strata off	was which ill ( sho	2 2				
Was well gravel packed? [] Yes 17 No Size of gravel:	[Signed] Menful (Water Well Cons	factor)				
Gravel placed from ft. to ft.	Contractor's License No 554. Date6	)-13-	73	., 19		

NOTICE TO WATER WELL CONTRACTOR

### The original and first copy of this penor, are to be filed with the WATER RESOURCES DEPARTMENT. STATE OF OREGON

SALEM. OREGON 97310 Within 30 days from the date NOV of well completion. (Do not VATER RESOURCES DEPT

(Please type or print)

State Permit No.

			18/450-19-1	
State	Well	No.	105/7001/14	

of well completion.	TER RESOURCES DEPT		ove this line)	Stat	e Permit N	lo	•••••	
(1) OWNER:	SALEM, OREGON		(10) LOCATION OF	WEL				
Name TROY JONES			County MALHEUR		ler's well n	umher		
Address V-LE OREGON	97919		SE ¼ NE ¼ Section				— <b>:</b>	W.M
VALUE OF CONTRACTOR	7.17.10							
(2) TYPE OF WORK (cl	heck):		Bearing and distance from	section	or subdivisi	on corner	<u> </u>	
New Well ☎ Deepening □	Reconditioning Abandon	ı []						
If abundonment, describe material	<del></del> -		(11) XX/A (DEED) F TOX/ED	T . C.		11	<del></del>	
(3) TYPE OF WELL: (	4) PROPOSED USE (chec	·k):	(11) WATER LEVE			en.		
Rotory TX Driven C	Domestic 🛣 Industrial 🗍 Munici	•	Depth at which water was		pelow land :		2-46 2	0 77
Cable [] Jetted []	rrigation 🗍 Test Well 🗍 Other	par []	Static level 23					0-11
bug (3 hored () 1	ingation   Test Well   Other		Artesian pressure	1b	s. per squai	re inch.	Date	
7) CASING INSTALLEI		_	(12) WELL LOG:	Diamet	er of well l	below cas	ing 6	
	ft. to		Depth drilled 52		th of compl			ft
	ft. to ft. Gage		Formation: Describe color					naterials
" Diam. from	ft. to ft. Gage		and show thickness and n	ature of	each stratu	m and ac	quifer pe	netrated
(6) PERFORATIONS:	Perforated? 🛵 Yes 📋 No.		with at least one entry for position of Static Water Le		-	-		
ype of perforator used FAC		•	MATERIA	1.		From	то	SWL
Size of perforations 3335 3/			CALECHE		· · · · · · · · · · · · · · · · · · ·	0	2	
475 4 2	41 ft to 45	ft	GRAVELY SCIL			Ž	19	
	ft. to		GRAVEL (DRY)			19	35	
. perforations from	ft. to	ft.	GRAVEL & SAND	W/B	·	35	39	23
(7) SCREENS: Well s			GRAVELY SLAY	<del></del>	· <del></del>	39	52	
	screen installed? [] Yes 💢 No				, <del></del>			
	Model No.							
	et from ft. to							
Diam. Slot size S	et from ft. to	ft.						
	Drawdown is amount water level is owered below static level	s						
Was a pump test made? [] Yes [	X No If yes, by whom?							
Yield. gal./min. wit	h ft. drawdown after	hrs.						
	"					}}		
, , , , , , , , , , , , , , , , , , ,	,,	"						
Bailer test 25 gal./min.	with 22 ft. drawdown after 1	hrs.			· · · · · · · · · · · · · · · · · · ·	1 1		
Artesian flow	g.p.m.							
Temperature of water 52 1 Depth	artesian flow encountered	ft.	Work started 6-27-77	19	Complete	ed 6-28	3-77	19
(9) CONSTRUCTION:			Date well drilling machine	moved o				19
ואיכס	TONITE		Drilling Machine Opera				# <del>-  </del>	
Well seal-Material used DEN Well sealed from land surface to	35		This well was cons				super	vision.
Diameter of well bore to bottom of	^	11.	Materials used and info best knowledge and beli		reported	above a	re true	to my
Dameter of well bore below seat	, ·		- 1 / 1 · .	. / / .	Jack	Date-28	3-77	.19
Number of sacks of cement used .	in well seal 2	sacks	(Drilling M.		erator)	729		, 20
How was cement grout placed?			Drilling Machine Opera	tor's Lic	ense No.			······································
		*********	Water Well Contractor's	Certific	ation:			
			This well was drille			iction an	d this r	enart is
	No Divers		true to the best of my l	knowled	ge and bel		V4416) II	-1-0.010
Was a drive shoe used? We Yes	No Plugs Size: location	ft,	Name PAGE BROS.					******************
			(Person, firm AddressRT • 2 BOX			rt) REGO!	pe or prin	_
Type of water?	depth of strata		AddressRT. 2 BOX	1///	<u>ويتيمت</u> يو ما	<u>/</u>	32.1.2	<u></u> .
Nethod of sealing strata off			[Signed	241	/	-		
Was well gravel packed? [ Yes ]		<u></u>	/		Well Contr		7	
Gravel placed from	ft. to ft.		Contractor's License No.	204	Date 6	-60-1	<i>I</i>	., 19

The original and first copy of this reger to the warm well report are to be filed with the

water resources department. NOV 21978 TATE OF OREGON
SALEM, OREGON 97310 (Please type or print)
within 30 days from the department RESOURCES DEPT' of well completion.

SALEM, OREGON

State	Well No. 185/45E-1901
State	Parmit No

SALEW, CREGUN	V				
(1) OWNER:	(10) LOCATION OF WELL:				
Name VILLIAM BONNELL	County MATHETTR Driller's well number				
Address VALE, CREGON 97918	SE 14 NE 14 Section 19 T. 18 R.45 W.M.				
, 1110011 / / / / 20	Bearing and distance from section or subdivision corner				
(2) TYPE OF WORK (check):					
New Well Deepening Reconditioning Abandon					
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.				
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 52 ft.				
Rotary X Driven D Cable D Jetted D  Domestic X Industrial Municipal D	Static level 53 ft. below land surface. Date 5-24-77				
Cable	Artesian pressure lbs. per square inch. Date				
"Diam from ft. to ft. Gage "Diam from ft. to ft. Gage ft.	(12) WELL LOG: Diameter of well below casing 6  Depth drilled 167 ft. Depth of completed well 167 ft.  Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in				
(6) PERFORATIONS: Perforated?  Yes M No.	position of Static Water Level and indicate principal water-bearing strata.				
ype of perforator used	MATERIAL From To SWL				
Size of perforations in. by in.	TOP SOIL 0 4 5				
perforations fromft. toft.	CEMENTED GRAVEL 5 7				
perforations fromft. toft.	GRAVEL & SAND (DRY) 7 18				
perforations from ft. to ft.	BROWN STICKY CLAY 18 52				
(7) SCREENS: Well screen installed?   Yes No	BROWN SAND W/B 52 53 53				
Manufacturer's Name,	SOFT PROWN SANDSTONE 53 58				
Type Model No.	BLUE CLAY 58 76				
Diam. Slot size Set from ft. to ft.	SOFT BLUE SANDSTONE 76 90				
Diam. Slot size Set from ft. to ft.	STICKY BLUE CLAY 90 108				
(8) WELL TESTS: Drawdown is amount water level is	BLUE SHALE   108   159				
lowered below static level	BLUE SAND   159   160				
Was a pump test made? Yes 1 No If yes, by whom?	BLUE CLAY   160   167				
Yield gal./min. with ft. drawdown after hrs.					
n n n					
и и и					
Bailer test 25 gal./min. with 100ft. drawdown after 1 hrs.					
Artesian flow g.p.m.					
Temperature of water 54 Pepth artesian flow encountered ft.	Work started 5-23-77 19 Completed 5-25-77 19				
(9) CONSTRUCTION:	Date well drilling machine moved off of well 5-25-77 19				
Well seal—Material used BENTONITE  Well sealed from land surface to 19 ft.  Diameter of well bore to bottom of seal 9 in.  Diameter of well bore below seal 6 in.  Number of sacks of cement used in well seal 1 sacks  How was cement grout placed?	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed Drilling Machine Operator]  Drilling Machine Operator's License No				
	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.				
Was a drive shoe used? ★ Yes [] No. Plugs Size: location ft.					
Old any strata contain unusable water? Tyes XNo	Name PAGE BROS DRILLING (Person, firm or corporation) (Type or print)				
f, pe of water' depth of strata	Address RT. 2 BOX 371 VALL, OPEGON 97918				
Method of sealing strata off	[Signed] (Water Well Contractor)				
Was well gravel packed? [ Yes No Size of gravel:	<i>i</i> /				
Gravel placed from ft. to	Contractor's License No. 564 Date 5-2.5-77, 19				

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the WATER RESOURCES DEPARMENT STATE OF OREGON SALEM, OREGON 97310 within 30 days from the date JAN24 1979 (Please type or print)

JAN241979

State Well No.	<u> </u>
State Permit I	No

of well completion.  WATER RESOURCES DEBUTILE AT OREGON	ove this line)		
(1) OWNER: VIATER RESOURCE (1) OWNER: SALEM, OREGON	(10) LOCATION OF WELL:		
Name Flyerd Roy	County 19 130 UP Driller's well number		
Address Vole, Orecon 97918	1	V. <b>M</b> .	
	Bearing and distance from section or subdivision corner		
(2) TYPE OF WORK (check):			
New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	ft.	
Rotary \( \bigcap \) Driven \( \bigcap \) Domestic \( \bigcap \) Industrial \( \bigcap \) Municipal \( \bigcap \)	1		
Cable	Artesian pressure lbs. per square inch. Date		
'5) CASING INSTALLED: Threaded □ Welded X□			
6 "Diam from 0 ft to 54 ft Gage 250	(12) WELL LOG: Diameter of well below casing		
" Diam, from ft. to ft. Gage	Depth drilled 315 ft. Depth of completed well 315	ft.	
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size and structure of mater and show thickness and nature of each stratum and aquifer penetr.		
(d) PERFORAGIONA	with at least one entry for each change of formation. Report each change	ge in	
(6) PERFORATIONS: Perforated?   Yes X No.	position of Static Water Level and indicate principal water-bearing st		
ype of perforator used	MATERIAL From To SV	VL	
Size of perforations in. by in.	Fine Clay		
perforations from	Gemented Gravel 3 20		
perforations from	yellow clay 20 34		
	300   34   43   45   70   10		
(7) SCREENS: Well screen installed? □ Yes ঢ় No	blue clay 70 315		
Manufacturer's Name-			
Type Model No			
Diam. Slot size Set from ft. to ft.			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
Was a pump test made?  Yes 7 No If yes, by whom?			
Yield gal./min. with ft. drawdown after hrs.			
, , , , , , , , , , , , , , , , , , , ,			
, , , , , , , , , , , , , , , , , , ,			
Bailer test \( \gamma \) gal/min. with \( \frac{175}{175} \) ft. drawdown after \( \frac{1}{1} \) hrs.			
Arterian flow g.p.m.			
Temperature of water 68Depth artesian flow encountered ft.	Work started 12_21_73 19 Completed 12_23_73 19	'	
(9) CONSTRUCTION:	Date well drilling machine moved off of well 12-29-78 19		
Well seal-Material used Rentonite	Drilling Machine Operator's Certification:		
Well scaled from land surface to 118.	This well was constructed under my direct supervising Materials used and information reported above are true to		
Diameter of well bore to bottom of seal 10 in.	best knowledge and belief.	-	
Diameter of well bore below seal to	[Signed] A 17 Date 12-23, 19	78.	
Number of sacks of coment used in well seal 5 sacks  How was convent grout placed? Pressure grouted	Drilling Machine Operator's License No6.5		
now was 上面配知のgrout placed: 105のは1元 「ja 夏火ラスター、			
	Water Well Contractor's Certification:		
	This well was drilled under my jurisdiction and this reportrue to the best of my knowledge and belief.	t is	
Was a drive shoe used? X] Yes [] No Plugs Size: location ft.	Name (Person, firm of corporation) (Type or print)		
Did any strata contain unusable water? U Yes 1 No		_	
Type of water? depth of strata	Address Pt 27 Foy 371 - VAL 979	<b>L</b> .C.	
Nethod of sealing strata off	[Signed]///		
Was well gravel packed? Tyes TNO Size of gravel:	(Water Worl Contractor)		
Gravel placed from ft. to ft.	Contractor's License No564	l	

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

## WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State	Well No.		
State	Permit N	0	

(1) OWNER:	(10) LOCATION OF WELL:			
Name Andrew Andr	County Driller's well no	ımber		
Address	14 N F 14 Section 19 T. 13 R. 45 W.M.			
(9) TYPE OF WORK (sheets).	Bearing and distance from section or subdivisi	on corner		
(2) TYPE OF WORK (check):				
New Well Deepening Reconditioning Abandon A	-	<del> </del>		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	w.v.v.	ft.	
Rotary Driven Domestic Municipal Domestic Municipal	Static level 2 ft. below land s	urface. Date	B 60°	
Dug	Artesian pressure lbs. per squar	e inch. Date	e	
(a) CASING INSTALLED: Threaded  Welded For the Gage  Threaded  Threaded  Welded For the Gage  Threaded  Threaded  Threaded  Threaded  Welded For the Gage  Welded For the Gage  Threaded	(12) WELL LOG: Diameter of well to Depth drilled 2 1 ft. Depth of complementaries and show thickness and nature of each stratu with at least one entry for each change of formal	and structure m and aquif tion. Report	ft.  of materials; er penetrated, each change in	
(6) PERFORATIONS: Perforated?  Yes No.	position of Static Water Level and indicate prin		<del></del>	
Type of perforator used	MATERIAL	From	To SWL	
Size of perforations in. by in.	Sop soil	1213	<del>.  </del>	
perforations from	- Cher	1 1 1 1	<del></del>	
perforations fromft. toft.	18		COP COP	
perforations fromft. toft.	Kilosoft Old	1000	<u> </u>	
(7) SCREENS: Well screen installed?  Yes  No	Blue Orals	24 3	65	
Manufacturer's Name				
Type Model No.				
Diam. Slot size Set from ft. to ft.				
Diam. Slot size Set from ft. to ft.				
(8) WELL TESTS: Drawdown is amount water level is		<del> </del>		
lowered below static level		<del>  </del>	<del></del>	
Was a pump test made?  Yes No If yes, by whom?		<del>  </del>		
"'eld: gal./min. with ft. drawdown after hrs.				
, , , , , , , , , , , , , , , , , , , ,				
" " " " " " " " " " " " " " " " " " "				
Bailer test gal./min. with 10 ft. drawdown after hrs.				
Artesian flow g.p.m.				
mperature of water Depth artesian flow encountered ft.	Work started 9-2 19 77 Complete		19	
(9) CONSTRUCTION:	Date well drilling machine moved off of well	9-23	. 19	
Well seal-Material used	Drilling Machine Operator's Certification:			
Well sealed from land surface toft.	This well was constructed under my Materials used and information reported			
Diameter of well bore to bottom of seal in.	best knowledge and belief.		•	
Diameter of well bore below seal	[Signed] (Drilling Machine Operator)	Date Ann	, 19	
Number of sacks of cement used in well seal sacks	Drilling Machine Operator's License No.	6 5		
How was cement grout placed?	Drining Machine Operator's License No.	,		
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdi		his report is	
Was a drive shoe used? Yes 🗌 No Plugs Size: location ft.	true to the best of my knowledge and bel	ief.		
Did any strata contain unusable water?   Yes   No	Name (Person, firm or corporation)	(Type (	or print)	
Type of water? depth of strata	Address Addres	1/2		
Method of sealing strata off	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 m 1/2 1/2		
Was well gravel packed? ☐ Yes ૄ No Size of gravel:	[Signed] (Water Well Control	actor)		
	Contractor's License No. 24 Date	4.24	10 '	
Gravel placed from ft. to ft.	Contractor a License Now. A. A. Date Date		, 19	

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT, SALEM. OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No. 185 458 - 17 60
State Permit No.

or wen completion. (Do not write a	bove tals inter	
(1) OWNER:	(10) LOCATION OF WELL:	
Name Don Vanderweshe	County jalheur Driller's well m	umber
Address Vale, Uregon 97918	NV 14 NV 14 Section 19 T. 18	
	Bearing and distance from section or subdivisi	
(2) TYPE OF WORK (check):	Bearing and distance from section of subdivisi	on comer
New Well Deepening Reconditioning Abandon		
f abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed as	oll
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	m r
Rotary A Driven Domestic A Industrial Municipal	Depth at which water was first found  Static level 30 ft. below land s	5 ft. 5 surface. Date 8/13/70
Cable		
oug G bored G Trigation G Test went G Valet	Artesian pressure lbs. per squar	e inch. Date
5) CASING INSTALLED: Threaded  Welded	(12) WELL LOG: Diameter of well to	nelow easing
	Depth drilled 1.00 ft. Depth of compl	ociow cashing
" Diam, from ft. to ft. Gage	Formation: Describe color, texture, grain size	
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	m and aquifer penetrated
6) PERFORATIONS: Perforated? \(\partial\) Yes \(\mathbb{M}\) No.	with at least one entry for each change of forma position of Static Water Level and indicate prin	
	MATERIAL	,
Type of perforations in by in		From To SWL
Size of perforations in. by in.	Fine sand Stone yellow Clay	19 75
perforations from	Sand Stone & Clay	75 100
perforations from		
7) SCREENS: Well screen installed?   Yes  No		
Manufacturer's Name		
Type Model No Model No.		
Diam Slot size Set from ft. to ft.	1-m 1 / 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Diam. Slot size Set from ft. to ft.	- La	ļ
8) WELL TESTS: Drawdown is amount water level is lowered below static level	1.079	
	VENTER TO SEE DEPT	
Was a pump test made? Yes No If yes, by whom?	Viller DEP1	
Zield: gal./min. with ft. drawdown after hrs.	S.1.2, O23N	
"		
" " "		
Bailer test 20 gal./min. with 50 ft. drawdown after 1 hrs.		
Artesian flow g.p.m.	· · · · · · · · · · · · · · · · · · ·	
emperature of water 59 Depth artesian flow encountered ft.	Work started 8/13 19 79 Complete	ed 8/13/19 ?
9) CONSTRUCTION:	Date well drilling machine moved off of well	8/14/197
Vell seal Material used Cemont	Drilling Machine Operator's Certification:	
Sell scaled from land surface to 23 ft	This well was constructed under my	direct supervision.
Diameter of well core to bottom of seal 10in.	Materials used and information reported best knowledge and bodief.	above are true to my
Diameter of well bore below seal	[Signed] And Machine Operator	Date 1-74 197
Sumber of sacks of cement used in well seal	(Dyilling Machine Operator)	
fow was cement grout placed?	Drilling Machine Operator's License No.	0.2
freesured Grouted	Water Well Contractor's Certification:	
e e e e e e e e e e e e e e e e e e e		lation and this
	This well was drilled under my jurisditue to the best of my knowledge and bel	ction and this report is ief.
vas a drive shoe used? [XYes □ No Plugs Size: location ft.	Name rage gros. Well Dril	
nd any strata contain unusable water? 🗌 Yes 🐰 No	(Person firm or corporation)	(Type or print)
ype of water? depth of strata	Address Rt 2 BOX 371 vale	oregon 979
lethod of sealing strata off	In Mystillix	5.0
vas well gravel packed? ☐ Yes ¼ No Size of gravel:	[Signed] Water Well Contr	actor
ravel placed from . ft. to ft.	Contractor's License No564 Date	7 241 ,79
(HCE ADDITIONAL C	Contractor's Literise No	, 14.

of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

# WATER WELL REPORT

JUL 200 policy above this line)

State	Well	No	)					
State	Dorm	. i t	Νo	185	145	13-1	9	À

WATER DECO				
(1) OWNER: SALEM, CREGO	ON County / / County / Cou	ll number		· · · · · · · · · · · · · · · · · · ·
Address AALA Cense 1 47918	Si 14 1 1614 Section 16 T. 15	R. 1.7		W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subd	ivision corne	er	
New Well Deepening Reconditioning Abandon				
If abandonment, describe material and procedure in Item 12.		l mall		
(3) TYPE OF WELL: (4) PROPOSED USE (check	(11) WATER LEVEL: Completed	ı wen.	•	< 3 ft.
Rotary Driven D Domestic Mindustrial Municipal	Deput at Which Water I was round	ind surface.	, , , , , , , , , , , , , , , , , , , ,	
Cable		quare inch.		
CASING INSTALLED: Threaded Welded De Communication of the Communication	Depth drilled 200 ft. Depth of co			
" Diam from ft. to ft. Gage ft. Gage ft. Gage ft. Gage	Formation: Describe color, texture, grain s and show thickness and nature of each str	ratum and a	quifer pe	netrated,
PERFORATIONS: Perforated? [] Yes [] No.	with at least one entry for each change of fo position of Static Water Level and indicate	,		ng strata.
Type of perforator used	MATERIAL	From	To	SWL
Size of perforations in. by in.	-	<u> </u>	3	
perforations fromft. to		100	13	
perforations from	16.11.	31	113	
perforations from ft. to	The Contract of the Contract o	1/2	1/5	
(7) SCREENS: Well screen installed?   Yes Tho	Philip Chars	43	16.5	
Manufacturer's Name	Sandy Alle Clas	1 1/2-5	12.6%	
Type Model No.	<i>y</i>	/	<u> </u>	
Diam. Slot size Set from ft. to			ļ	
Djam. Slot size Set from ft. to	ft.			ļ
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				•
Was a pump test made?   Yes A No II yes, by whom?				<u></u>
Vield: gal./min. with ft. drawdown after	hrs.	<del></del>		<del> </del>
" "	"			
" "	,,			·———
Baller test // gal./min. with / Del ft. drawdown after/	hrs.		<del> </del>	<del></del>
Artesian flow g.p.m.				
sperature of water 4 Depth artesian flow encountered	ft. Work started 7-20 19 76.Com	pleted 7	- 2/	19 🕏
(9) CONSTRUCTION:	Date well drilling machine moved off of we		2/	19 7
Well seal-Material used	Drilling Machine Operator's Certificati	ion:		
Well scaled from land surface to	This well was constructed under Materials used and information repor			
Diameter of well bore to bottom of sealin.	best knowledge and belief.			_
Diameter of well bore below sealin.	[Signed] Minfell 1	Date	7-25	3, 19.75
Number of sacks of cement used in well seal s	Conting Machine Operator's License N	,	<	
Number of sacks of bentonite used in well seal s	acks Diming Machine Operator's License N	10	<b>~</b> `	
Brand name of bentonite	Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons	This well was drilled under my jur	risdiction a	nd this r	eport is
of water lbs./100	gais. true to the best of my knowledge and			F 3-1 10
Was a drive shoe used? Yes No Plugs Size: location	Name : A Thomas A 18 3	87111	ype or pri	
	Merson, firm or corporation)	1/1.1.	you or prin	۱۱) المسايخ
	Address /	The Charles		.Mittalia
Method of sealing strata off	- [Signed]	100		
Was well gravel packed?  Yes No Size of gravel:			3	~)
Gravel placed fromft. toft.	Contractor's License No. 5 & 4 Date	7-2		19/6

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No	The state of the s	.,	) ~
State Permit	No		

(1) OWNER:	(10) LOCATION OF WELL:
Name Archie W. Page	County Malheur Driller's well number
Address Rt. 1- Box 128A. Vale, Cregon	N.E 14 S. 1714 Section 19 T18S R. 45E W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New WellX Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 22 to 23 ft.
Rotary Driven Domestic Industrial Municipal	Static level 3.2 22 ft. below land surface. Date 5-7-73
Cable XZ Jetted	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded X 39 ft. Gage • 250	(12) WELL LOG: Diameter of well below casing 6  Depth drilled 210 ft. Depth of completed well 210 ft.  Formation: Describe color, texture, grain size and structure of materials:
(6) PERFORATIONS: Perforated? \(\superscript{Yes}\) \(\frac{\pi_1}{2}\) No.	and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Top Soil 0 2
perforations fromft. toft.	Consolidated lime deposit 2 5
perforations from ft. to ft.	Cemented Gravel (hard) 5 10
perforations from ft. to ft.	Large med. gravel& Sand 10 17
(7) CORPENC	Hard Eroon Clay 17 22
(7) SCREENS: Well screen installed?  Yes  No	Sand W/B   22   23   St
Manufacturer's Name	Soft, brown, sandy clay 23 34
Type Model No.	Flue Shale 34 50
Diam Slot size Set from ft. to ft.	Hard Slue Sandstone(fine 80 82
Diam. Slot size Set from ft. to ft.	Elue Green Clay 82 192
(8) WELL TESTS: Drawdown is amount water level is	<u>Flue fine Sand 1/8   192   193   32   </u>
lowered below static level	Slue Clay 193 205
Was a pump test made? Yes No If yes, by whom?	Blue % White Sand W/B 205 210
1: gal./min. with ft. drawdown after hrs.	
<i>"</i>	
" " " " " " " " " " " " " " " " " " "	
Bailer test 20 gal./min. with \$\mathfrak{4}^3\) ft. drawdown after 1 hrs.	
esian flow g.p.m.	
1 aperature of water 5 / Depth artesian flow encountered ft.	Work started 5-5 19 73 Completed 5-7- 1973
(9) CONSTRUCTION:	Date well drilling machine moved off of well 5-7 1973
Well seal—Material used Cemant,	Drilling Machine Operator's Certification:
Well sealed from land surface to ft.	This well was constructed under my direct supervision.  Materials used and information reported above are true to my
Diameter of well bore to bottom of seal	best knowledge and belief.
Diameter of well bore below seal	[Signed] Date 5-7 19.7.3
Number of sacks of cement used in well sealsacks	
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No. #65
Brand name of bentonite	Water Well Contractor's Certification:
Number of pounds of bentonite per 100 gallons	
of water	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Was a drive shoe used? X Yes [] No Plugs Size: location ft.	Name PAGE BROTHERS DRILLING
Did any strata contain unusable water?  Yes No	(Person, firm or corporation) (Type or print)  Address RT.2- BOX 371 VALE, ORTGOE 97919
Yype of water? depth of strata	Address MI-22 POA 3/1 VALIT, ON GOT, 9/910
Method of sealing strata off	[Signed] [ ] Signed]
Was well gravel packed? [] Yes ▼ No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No.#564 Date 5-7- 1973

#### NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

Gravel placed from ......

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print) (Do not write above this line)

'	•
, State Well No.	18/45-19 N
** ** ** ** ** ** ** ** ** ** ** ** **	

State Permit No.

(1) OWNER: (11) LOCATION OF WELL: GERRGE RUSSELL County MALhtuR Driller's well number T. 185R.45E W.M 5/4/14 5/4/14 Section /9 Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well Deepening Reconditioning [ Abandon [ If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): (12) WELL LOG: Diameter of well below casing Rotary [ Driven 🗌 Domestic [ Industrial [ Municipal [ Cable Jetted 🔲 ft. Depth of completed well Depth drilled & Dug Bored [ Irrigation ☐ Test Well ☐ Other Formation: Describe color, texture, grain size and structure of materials: ,, CASING INSTALLED: and show thickness and nature of each stratum and aquifer penetrated, Threaded | Welded with at least one entry for each change of formation. Report each change S Diam from ft. to 37 tt. Gage in position of Static Water Level as drilling proceeds. Note drilling rates. MATERIAL PERFORATIONS: Perforated? Yes No. Type of perforator used Tike 1 3/5 in by perforations from \_\_\_\_\_\_\_\_ ft. to \_\_\_\_\_\_\_ ft. perforations from ...... ft. to perforations from ft. to ft. perforations from . ..... ft. to .... ft. (7) SCREENS: Well screen installed? [] Yes Manufacturer's Name mam Slot size Set from ft to ft Diam Siot size .. Set from . ..... ft. to ..... ft. (8) WATER LEVEL: Completed well. ft. below land surface Date 9-3 1-6 lbs. per square inch Date A. sian pressure Drawdown is amount water level is lowered below static level (9) WELL TESTS: Was a pump test made? [] Yes [] No If yes, by whom? gal./min. with Date well drilling machine moved off of well Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Mate-Bailer test 3 C gal./min. with rials used and information reported above are true to my best knowledge and belief. [Signed] Jee Macline Operator) Date/6-24, 1967 Was a chemical analysis made? [] Yes [] No (10) CONSTRUCTION: Well seal-Material used B. NTCNITE 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. Were any loose strata cemented off? Yes No Depth Ha LL 1 11/A V DRILLIAG CL (Person, firm or corporation) Did any strata contain unusable water? [] Yes [] No Address CN+ARIL CRECIN Type of water? Method of sealing strata off Was well gravel packed? 🗌 Yes 🗗 No Contractor's License No. ..... Date ...

#### NOTICE TO WATER WELL CONTRACTOR

WATER WELL REPORT

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE OF OREGON (Please type or print)

Name	drawdown after  " " " " " " " " " " " " " " " " " "	ft.
Was a pump test made? \(\text{Pre} \) From it yes. \(\text{Yield:} \) gal/min, with \(\text{ft.} \) the section \(\text{gp.m.} \) Date Trespectative of well \(\text{gp.m.} \) Section \(\text{ft.} \) The section \(\text{gp.m.} \) the sect	drawdown after  " " " " " " " " " " " " " " " " " "	hrs.
Yield: gal/min. with ft.	drawdown after  " "  t. drawdown after  analysis made?   below casing   the material and structure, ature of the material in e	hrs.
Baller test   Caller   Sale   Caller	analysis made? Tyes & below casing 5 4 followed and structure, ature of the material in e	ft.
Bailer test   Gal/min. with   Cit	analysis made? Tyes & below casing 5 4 followed and structure, ature of the material in e	ft.
Baller test   gal/min. with   factor   gpm. Date   Size of perforations from   ft. to   ft.   gperforations from   ft.   ft.   ft.   gperforations from   ft.   ft	analysis made? Tyes & below casing 5 4 followed and structure, ature of the material in e	ft.
Bearing and distance from section or subdivision corner    Comparison   Part	below casing 5 4  bleted well 3 3 4  f material and structure, ature of the material in e	ft.
Comparison of the content of the c	below casing 5 4  bleted well 3 3 4  f material and structure, ature of the material in e	ft.
Comment   Comm	oleted well 3 3 4  f material and structure, ature of the material in e	ft.
Formation: Describe by color, character, size of show thickness of aquifers and the kind and mostratum penetrated, with at least one entry for the kind and mostratum penetrated.	f material and structure, ature of the material in e	ft.
show thickness of aquifers and the kind and m stratum penetrated, with at least one entry for the kind and m stratum penetrated. It is about the first of the first one and the first one and the first one and the first o	ature of the material in e	and
Stratum penetrated, with at least one entry for material and procedure in Item 12.    Well   Deepening   Reconditioning   Abandon   Cay   Yeliciu   Cay   Yeliciu   Cay   Yeliciu   Cay   Yeliciu   Cay	or each change of format	
TYPE OF WORK (check):    Well   Deepening   Reconditioning   Abandon     1 abandonment, describe material and procedure in Item 12.    (4) PROPOSED USE (check): (5) TYPE OF WELL:   Domestic   Industrial   Municipal   Rotary   Driven     Irritation   Test Well   Other   Dug   Bored     (6) CASING INSTALLED: Threaded   Welded	<del></del>	tion.
Well Deepening Reconditioning Abandon	FROM TO	)
A abandonment, describe material and procedure in Item 12.  (4) PROPOSED USE (check): (5) TYPE OF WELL:    Domestic   Dindustrial   Municipal   Cable   Detted   Dug   Bored   Cable   Dug   Bored   Cable   C	c 3	
(4) PROPOSED USE (check): (5) TYPE OF WELL:  Domestic [ Industrial	3 14	
Domestic   Industrial   Municipal   Rotary   Driven   Irripation   Test Well   Other   Dug   Bored    (6) CASING INSTALLED: Threaded   Welded   Welded   Welded   Welded   Welded   Welded   Welded   Threaded   Threaded   Welded	d 14 37	
Domestic   Industrial   Municipal   Rotary   Driven   SAND STRIP   LAY   Blue   Cable   Jetted   Dug   Bored   SAND   Blue   Lay   Blue   SAND   Blue   Lay   Lay	34 26	(
Domestic   Pindustrial   Municipal   Cable   Jetted   Dug   Bored   Bored   Cable   Dug   Bored   Dug   Bored   Cable   Cabl	P. 200 30	1
Dug	30/32	يزود
## Diam. from ## ft. to ## ft. Gage  ## Diam. from ## ft. to #ft. Gage  ## Diam. from ft. to #ft. Gage  ## Diam. from ft. to #ft. Gage  ## Total from ft. ft. ft. ft. Gage  ## Total from ft.	AKR 334 3	<u> </u>
## Diam. fromft. toft. Gage		
## Diam. fromft. toft. Gage		
(7) PERFORATIONS: Perforated? ☐ Yes ☐ No   Type of perforator used Size of perforations in by in.   ————————————————————————————————————		
Type of perforator used  Size of perforations in. by in.  perforations from ft. to ft.		
Type of perforator used  Size of perforations in. by in.  perforations from ft. to ft.		
Size of perforations in. by in.  perforations from ft. to ft.		
perforations from		
perforations fromft. toftft		
perforations from ft. to ft		
perforations fromft. toft.  perforations fromft. toft.		
perforations fromft. toft.		
(V) SCHEINS.		
10) DURFIND: Wall comment to talk do 12 yr at 15 ft.	1	
wet street instance. Tes E No	1 1	
nufacturer's Name No Model No.		
		7
Diam. Slot size Set from ft to ft	eted 5 - / 19	
CONSCIUNT CONTRACTOR OF THE CO	5-1E 19	£ 2
(9) CONSTRUCTION: (13) PUMP:	,	
Well seal-Material used in seal BeNTUNITE Manufacturer's Name No PUMI	Plet	
Depth of seal 3. C ft. Was a packer used? (PMPM) Type:	н.р.	
Diameter of well bore to bottom of sealin.		—
Were any loose strata cemented off?   Yes   No Depth   Water Well Contractor's Certification:		
Was a drive shoe used? Tyes \( \sum \) No \( \) This well was drilled under my juris		t is
Was well gravel packed? [] Yes A No Size of gravel: true to the best of my knowledge and bel	1	
Gravel placed from ft. to ft. NAME He LL Q WAY DR.  (Person, firm or corneyation)	12LING CO	<i>.</i>
Type of water? depth of strata Address AAAR10 C	Te	
Method of sealing strata off Drilling Machine Operator's License No.	100	
(10) WATER LEVELS:	1/	
[Signed]	butters	<i></i>
Static level 5 ( ft. below land surface Date 5 - / 1. 67)	muractor)	
Artesian pressure lbs. per square inch Date Contractor's License No Date		/

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

### WATER WELL REPORTE GET VED

STATE OF OREGON

MAR 81978 tate Well No. 185/45E-1966

(Please type or print)

(Do not write above this line TER RESOURCES DEPT.

ALEM. C. HOON (10) LOCATION OF WELL: (1) OWNER: County Ma Thaur Driller's well number Name Frank Yraguen S.W & S.Wu Section 19 T. 18 R. 45 Address Tale, Oregon 97918 Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New WellX7 Deepening [ Reconditioning [] Abandon □ If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Rotary 🖔 Driven [] Domestic M Industrial Municipal Static level 60 ft. below land surface. Cable Jetted [] Irrigation [ Test Well [ Other Bored | Artesian pressure lbs per square inch. Date (5) CASING INSTALLED: Threaded [] Welded TX (12) WELL LOG: Diameter of well below casing ... 6 .. 6 \_\_\_\_ n Diam from 0 n to 40 n Gage -250 Depth drilled 270 ft. Depth of completed well 270 " Diam from tt. to tt. Gage ...... Formation: Describe color, texture, grain size and structure of materials. and show thickness and nature of each stratum and aquifer penetrated. with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. (6) PERFORATIONS: Perforated? Tyes W No. MATERIAL Type of perforator used From Ton Soil in, by Size of perforations Sandy Yellow Clay 19 Small Gravel perforations from \_\_\_\_\_\_ft. to \_\_\_\_\_\_ft. Yellow Clay perforations from ft. to ft. 25 Small Gravel (7) SCREENS: Well screen installed? 
Yes X No 60 Brown Clay Manufacturer's Name ..... 60 Flue Clav 86 Fine Sandy Blue Clay(1000 87 .86 Diam, Slot size Set from ft. to ft. Flue Clay Diam. Slot size ...... Set from ..... ft. to ..... ft. Fine Sandy Blue Clay(7gpm186 188 Flue Clav Drawdown is amount water level is lowered below static level (8) WELL TESTS: 260 262 Hard Sandstone Was a pump test made? Yes No If yes, by whom? 262 266 Sandy Shale (50 gnm) Yield: gal./min. with ft. drawdown after Elue Clay Baller test 50 gal/min, with 270 ft. drawdown after 1 hrs. Artesian flow g.p.m. Work started 2-10-78 19 Completed 2-11-78 Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used Bentonite Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Well sealed from land surface to .18. Materials used and information reported above are true to my best knowledge and belief.

[Signed A Date 2-22-7, 19 Date 2-22-7, 19 Number of sacks of cement used in well seal 1 5 2 6715 + 25 ( //sacks Drilling Machine Operator's License No. 65 How was cement grout placed? 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. Was a drive shoe used? [X Yes [] No Plugs ... ... Size: location ...... Name Page Pros. Prilling (Type or print) Did any strata contain unusable water? [] Yes 🛛 No Type of water? Method of sealing strata off Was well gravel packed? Tyes No Size of gravel: .... Contractor's License No. 5611 Date 2-22-76 , 19 Gravel placed from

STATE ENGINEER, SALEM, OREGON 97310

of well completion.

within 30 days from the date

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

State	Well No.
State	Parmit No.

	`
(1) OWNER: 1	
Name First	An King
6.46-6-	(legbor
(2) TYPE OF WORK	(check)
	· · · · · · · · · · · · · · · · · · ·
New Well Deepening Deepening If abandonment, describe mate	
(3) TYPE OF WELL:	(4) PROPOSED USE (check):
Rotary Driven Cable Detted	Domestic [ Industrial   Municipal
Dug  Bored	Irrigation  Test Well  Other
CACING INCHAIL	ED
CASING INSTALL	in the state of th
E " Diam, from #	ft. to J. ft. Gage
" Diam. from	
Diam. from	ft. to ft. Gage
. PERFORATIONS:	Perforated?   Yes W.No.
<b>6</b> )	remorated; [] les [g] No.
Type of perforator used	
	in. by in.
	om ft. to ft.
perforations fr	om ft. to ft.
perforations fr	om ft. to ft.
(7) SCREENS: We	ell screen installed? [] Yes [\$ No
2.	
Type	Model No.
Diam Slot size	C-1
	. Set from ft. to ft.
	Set from
Diam. Slot size	Set from ft. to ft.
Diam. Slot size	Drawdown is amount water level is lowered below static level
(8) WELL TESTS: Was a pump test made? Ye	Drawdown is amount water level is lowered below static level
(8) WELL TESTS: Was a pump test made? Ye	Drawdown is amount water level is lowered below static level
(8) WELL TESTS: Was a pump test made? Ye	Drawdown is amount water level is lowered below static level
(8) WELL TESTS:  Was a pump test made? Yes gal./min.	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom hrs.
Olam. Slot size  (8) WELL TESTS:  Was a pump test made? Year yield: gal./min.  """  Bailer test gal./mi	Drawdown is amount water level is lowered below static level  Ses \( \sum \) No If yes, by whom \( \sum \) hrs.  """  ""  ""  ""  ""  ""  ""  ""  ""
Bailer test gal./min  Slot size  (8) WELL TESTS:  Was a pump test made? Ye  yield:	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom hrs.  With ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.
Bailer test gal./min  Slot size  (8) WELL TESTS:  Was a pump test made? Ye  yield:	Drawdown is amount water level is lowered below static level  Ses \( \sum \) No If yes, by whom \( \sum \) hrs.  """  ""  ""  ""  ""  ""  ""  ""  ""
Diam. Slot size  (8) WELL TESTS:  Was a pump test made? Ye  Vield: Sal./min.  ""  Bailer test gal./mi  Artesian flow  .perature of water (1/2) De	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom hrs.  With ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.
Nas a pump test made? Lyevield: 5 gal./min.  Bailer test gal./min.  Artesian flow  perature of water 6 De  (9) CONSTRUCTION:	Drawdown is amount water level is lowered below static level  es  No If yes, by whom?  with ft. drawdown after hrs.  ""  ""  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.
Was a pump test made? Yes  Vield: gal./min.  Bailer test gal./min  Artesian flow  perature of water Coe  (9) CONSTRUCTION:  Well seal—Material used	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom hrs.  With ft. drawdown after hrs.  """  """  """  In with ft. drawdown after hrs.  g.p.in.  pth artesian flow encountered ft.
Was a pump test made? Yevield: gal./min.  ""  Bailer test gal./min  Artesian flow  perature of water ( De  (9) CONSTRUCTION:  Well seal—Material used (Sealed from land surface)	Drawdown is amount water level is lowered below static level  ses No If yes, by whom hrs.  with ft. drawdown after hrs.  """  """  in with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.
Was a pump test made? Lye Vield:	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom?  with ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  to ft.  om of seal in
Was a pump test made? Lye Vield:	Drawdown is amount water level is lowered below static level  so No If yes, by whom hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  ft.  ft.  ft.  ft.  ft.  ft.  ft.
Was a pump test made? Lye Vield:	Drawdown is amount water level is lowered below static level  So No If yes, by whom here.  With ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  The mof seal in seal in sacks
Was a pump test made? Lye  Was a pump test made? Lye  Wield: gal./min.  ""  Bailer test gal./mi  Artesian flow  perature of water be  (9) CONSTRUCTION:  Well seal—Material used  Well sealed from land surface  Diameter of well bore to botte  Diameter of well bore below  Number of sacks of cement us  Number of sacks of bentonite	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom hrs.  With ft. drawdown after hrs.  """  """  """  In. with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  To of seal in.  seal in.  ed in well seal sacks used in well seal sacks
Was a pump test made? Yevield: gal./min.  Bailer test gal./min.  """  """  """  Bailer test gal./min.  """  """  """  Bailer test gal./min.  """  """  """  """  """  """  """	Drawdown is amount water level is lowered below static level  ses No If yes, by whom here with ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs. g.p.m.  pth artesian flow encountered ft.  to ft.  om of seal in.  seal in.  ed in well seal sacks used in well seal sacks
Was a pump test made? Yevield: gal./min.  Bailer test gal./min.  ""  Bailer test gal./min.  ""  Bailer test gal./min.  ""  Bailer test gal./min.  ""  CONSTRUCTION:  Well seal—Material used gal./min.  Well sealed from land surface Diameter of well bore to botto Diameter of well bore below Number of sacks of cement us Number of sacks of bentonite.  Brand name of bentonite.  Number of pounds of bentonite.	Drawdown is amount water level is lowered below static level  ses No If yes, by whom with ft. drawdown after hrs.  """  """  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  to ft.  om of seal in seal in seal sacks used in well seal sacks  per 100 gallons
Was a pump test made? Yevield: gal./min.  Bailer test gal./min.  """  Bailer test gal./min.  Artesian flow  Aperature of water Gode  (9) CONSTRUCTION:  Well seal—Material used Gode  Well sealed from land surface Diameter of well bore to botto Diameter of well bore below  Number of sacks of cement us  Number of sacks of bentonite  Brand name of bentonite  Number of pounds of bentonit  of water	Drawdown is amount water level is lowered below static level  Ses No If yes, by whom with ft. drawdown after hrs.  """  In with ft. drawdown after hrs.  g.p.m.  pth artesian flow encountered ft.  to ft.  om of seal in.  seal in.  ed in well seal sacks  with ft.  by ft.  ft.  ft.  ft.  ft.  ft.  ft.  ft.
Was a pump test made? Yes  Was a drive shoe used? Yes	Drawdown is amount water level is lowered below static level  s
Was a pump test made? Ye  Was a pump test made? Ye  Vield: gal./min.  ""  Bailer test gal./mi  Artesian flow  perature of water De  (9) CONSTRUCTION:  Well seal—Material used Well sealed from land surface Diameter of well bore to botto Diameter of well bore below  Number of sacks of cement us  Number of sacks of bentonite  Brand name of bentonite  Brand name of bentonite  Was a drive shoe used? Yes  Did any strata contain unusals	Drawdown is amount water level is lowered below static level  es \( \) No If yes, by whom \( \) A \( \) with \( \) ft. drawdown after \( \) hrs.  In with \( \) ft. drawdown after \( \) hrs.  g.p.m.  pth artesian flow encountered \( \) ft.  om of seal \( \) in seal \(
Was a pump test made? Yevield: gal./min.  Bailer test gal./min.  Bailer test gal./min.  Bailer test gal./min.  Bailer test gal./min.  """  Bailer test gal./min.  """  Bailer test gal./min.  """  CONSTRUCTION:  Well seal—Material used gal./min.	Drawdown is amount water level is lowered below static level  s
Was a pump test made? Ye  Was a pump test made? Ye  Vield: gal./min.  ""  Bailer test gal./mi  Artesian flow  perature of water De  (9) CONSTRUCTION:  Well seal—Material used Well sealed from land surface Diameter of well bore to botto Diameter of well bore below  Number of sacks of cement us  Number of sacks of bentonite  Brand name of bentonite  Brand name of bentonite  Was a drive shoe used? Yes  Did any strata contain unusals	Drawdown is amount water level is lowered below static level  es \( \) No If yes, by whom \( \) A \( \) with \( \) ft. drawdown after \( \) hrs.  In with \( \) ft. drawdown after \( \) hrs.  g.p.m.  pth artesian flow encountered \( \) ft.  om of seal \( \) in seal \(
Was a pump test made? Yevield: gal./min.  Bailer test gal./min.  Bailer test gal./min.  Bailer test gal./min.  Bailer test gal./min.  """  Bailer test gal./min.  """  Bailer test gal./min.  """  CONSTRUCTION:  Well seal—Material used gal./min.	Drawdown is amount water level is lowered below static level  ses \( \) No If yes, by whom \( \) A hrs.  """  """  """  """  """  """  """

	<del></del>		<del></del>
(10) LOCATION OF WELL:			
SULLASULA Section 19 T. 185	ımber		
5 11/14 Section 19 T. /85	R. 7.	3 E	W.M.
Bearing and distance from section or subdivision	on corne	r	
(11) WATER LEVEL: Completed w	ell.	,	
Depth at which water was first found	18		ft.
Static level ft. below land s	urface.	Date	
Artesian pressure lbs. per squar	e inch.	Date	
(12) WELL LOG: Diameter of well by	es wole	sing (	
Depth drilled 120 ft. Depth of comple			ft.
Formation: Describe color, texture, grain size a		<del>/</del>	
and show thickness and nature of each stratur	n and a	quifer pe	netrated,
with at least one entry for each change of format position of Static Water Level and indicate prin			
MATERIAL	From	То	SWL
Call SANOLI		~	
CRAID LONGUETIC	. ?	20	
CLAY BREIGH	27	50	
CLAY BLUE	50	115	115
SANG BLACK	118	130	116
		<b> </b>	
		<u> </u>	
Work started 9-11 1976. Complete	d 2 -	15	196
Date well drilling machine moved off of well	9	1.5	1976.
Drilling Machine Operator's Certification:			
This well was constructed under my	direct	super	vision.
Materials used and information reported best knowledge and belief.	above	are true	to my
[Signed] / 171 Je ( ) 1920 ( (Drilling Machine Operator)	Date /	-14	. 19.76
(Drilling Machine Operator)	11	7_	,,
Drilling Machine Operator's License No.	<i></i>	<i></i>	
Water Well Contractor's Certification:			
This well was drilled under my jurisditrue to the best of my knowledge and bel	ction ar	nd this r	eport is
Name / (Person, first or corporation)		ype or pri	nt)
Address ( W/A / / ( )	601	Y	
[Signed] IR Water Well Contr	CCC Tactor)	4	
Contractor's License No.		12	, 1976
EETS IF NECESSARY)		er	2*45656-119

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

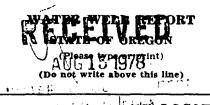
(Please type or print)

(Do not write above this line)

State Permit No.

(1) OWNED.	(10) LOCATION OF WELL.		
(1) OWNER:	(10) LOCATION OF WELL:	•	
Name Robert J. Miles	County Malheur Driller's well n		
AddresRt. 2- Vale, Oregon 97918	S.E 14 S. W 14 Section 19 T. 18		W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivis	ion corner	
New Well M Deepening Reconditioning Abandon			
If abandonment, describe material and procedure in Item 12.	(11) MACOURD TRANSF. Committee	. 11	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w		
Poterty VI Driven D	Depth at which water was first found	26	ft.
Domestic   Industrial   Municipal   Domestic   Test Well   Other	Static level 18 ft. below land :  Artesian pressure lbs. per square		
CASING INSTALLED: Threaded Welded Game 5.50 biam from ft. to ft. Gage 2.50 ft. Gage	(12) WELL LOG: Diameter of well between drilled 34 ft. Depth of compa	leted welß4	ft.
"Diam. from ft. to ft. Gage Perforated? Wes No.	Formation: Describe color, texture, grain size and show thickness and nature of each stratu with at least one entry for each change of forma position of Static Water Level and indicate prin	ım and aquif ition, Report e	er penetrated, each change in
pe of perforator used Factory	MATERIAL	7	To SWL
Size of perforations 1/8 in. by 4 in.	Coarse Clay	0	23
200 perforations from 30 ft. to 34 ft.	Gravel & Clay		26
perforations from ft. to ft.	Med. Gravel	+	33
perforations fromft. toft.	Blue Clay	33	34
(7) SCREENS: Well screen installed?  Yes  No  Manufacturer's Name  Type			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
Was a pump test made?  Yes  No If yes, by whom?			
Yield: gal./min. with ft. drawdown after hrs.	La Line State State of the Fact		
" " "	111.12.111.19	<u> </u>	
n " "	WATEL RECOURSES DE	<del>      -   -   -   -     -              </del>	
Bailer test 15 gal./min. with 14 ft. drawdown after 1 hrs.	SALEM, OREGON	<del>  -</del>	
Artesian flow g.p.m.		<del>  </del>	
mperature of water 55 Depth artesian flow encounteredft.	Work started 5-17 19 79 Complete	ed 5-17	19 70
(9) CONSTRUCTION:	Date well drilling machine moved off of well	5 <b>-</b> 17	19 70
Well scal-Material used Cement	Drilling Machine Operator's Certification:		
Well sealed from land surface to 30 ft.	This well was constructed under my Materials used and information reported		
Diameter of well bore to bottom of seal 10 in.	best knowledge and belief		
Diameter of well bore below seal in.  Number of sacks of cement used in well seat sacks	[Signetiff My (Drilling Warnine Opportor)	Date5	18, 1979
How was cement grout placed? Pressure Grouted	Drilling Machine Operator's License No.	.6.5	
	Water Well Contractor's Certification:		
	This well was drilled under my jurisd	iction and the	his report is
Was a drive shoe used? XXYes \( \) No Plugs Size: location ft.  Did_any strata contain unusable water? \( \) Yes \( \) No	true to the best of my knowledge and bel  NEW E BROTHERS DRILLING (Person, firm or corporation)		ur neine)
Type of water? depth of strata	Address Rt. 2- Box 371- Val		
Method of sealing strata off	11/5/11/1)	×.3×4×6	ا.لال.لالا.لا.
	[Signed] Ang Le (Water Well Cont	ge_	***************************************
	Y		00
Gravel placed from ft. to ft.	Contractor's License No564 Date	τ.Ο. <del></del>	, 19/.\

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.



State Well No. 185 45e-1900

State Permit No.

(1) OWNER: ALEMAN	(10) LOCATION OF WELL:
Name Ross McComb	County Malheur Driller's well number
Name Ross McComb Address Vale, Oregon 97918	S.E. 14 S. W 14 Section 19 T. 18 R. 45 W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well [K Deepening [] Reconditioning [] Abandon []	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 20 ft.
Rotary T Driven Domestic T Industrial Municipal Domestic	Static level 10 ft. below land surface. Date 7-13-78
Cable	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded 5 6. "Diam. from 0. ft. to 26. ft. Gage 250. "Diam. from ft. to ft. Gage "Diam. from ft. to ft. Gage "Diam. from ft. to ft. Gage "Perforated? Yes No.	(12) WELL LOG: Diameter of well below casing
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	ine Clay 0 18
perforations from ft. to ft. S	L110 0 LO./
perforations from	
perforations from ft. to ft.	
(7) SCREENS: Well screen installed? □ Yes 営 No  Manufacturer's Name  Type	•
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? [] Yes [] No If yes, by whom?	
Yield: gal./min. with ft. drawdown after hrs.	
п п п	
и и и	
Bailer test 40 gal./min. with 18 ft. drawdown after 1 hrs.	
Artesian flow g.p.m.	
emperature of water 511 Depth artesian flow encountered ft.	Work started = 13-78 19 Completed 7-13-78 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well 7-13-78 19
Well seal-Material used Cement	Drilling Machine Operator's Certification:
Well sealed from land surface to 18 ft.	This well was constructed under my direct supervision.
Diameter of well bore to bottom of sealin.	Materials used and information reported above are true to my best knowledge and belief.
Diameter of well bore below seal	[Signed] 11 1 11 11 11 Date -6-78 19
Number of sacks of cement used in well seal sacks	Drilling Machine Operator's License No. 65
How was cement grout placed? pressure grouted	Drilling Machine Operator's License No. 10.7
	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? Yes [] No Plugs Size: location ft.	true to the best of my knowledge and belief.  NamePAGE BROTHERS DRILLING
Did any strata contain unusable water?   Yes No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address RT. 2-BOX 371 VALE OREGON 97918
Method of sealing strata off	n/. [ M/\ ]
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	[Signed] // / / (Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 8=6-78 19

WATER WELL REPORT

STATE OF OREGON

State Well No.	

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 (Please type within 30 days from the date (Do not write ab of well completion. 2 700 (1) OWNER: Name 17013 Address (2) TYPE OF WORK (check): Reconditioning [ Abandon 🗌 New Well 17 Deepening [] If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): Rotary Driven 🗌 Domestic | Industrial | Municipal | Cable Jetted [ Bored 🗀 Irrigation [ Test Well [ Other Dug (5) CASING INSTALLED: Threaded | Welded | " Diam. from O ft. to 770 ft. Gage ... " Diam. from ...... ft. to ..... ft. Gage ..... " Diam. from ...... ft. Gage ...... (6) PERFORATIONS: Perforated? Tyes No. Type of perforator used Size of perforations in. by perforations from ... ..... ft. to ... ..... perforations from ...... perforations from (7) SCREENS: Well screen installed? Yes No Manufacturer's Name ..... \_\_\_\_\_ Model No. ..... Diam. Slot size ...... Set from ..... ft. to ...... Diam. Slot size ...... Set from ..... ft. to ..... ft. Drawdown is amount water level is (8) WELL TESTS: lowered below static level Was a pump test made? Tyes No If yes, by whom? gal./min. with (1) ft. drawdown after Yield: hrs. gal./min. with 3/ ft. drawdown after Bailer test Artesian flow g.p.m. Temperature of water 5/Depth artesian flow encountered ... (9) CONSTRUCTION: Well seal-Material used Well sealed from land surface to  $\bigcirc$ Diameter of well bore to bottom of seal \_\_\_\_\_in. Diameter of well bore below seal in. Number of sacks of cement used in well seal How was cement grout placed? Was a drive shoe used? [ Yes No Plugs ...... Size: location ...... Did any strata contain unusable water? 

Yes D No

depth of strata

Size of gravel:

Type of water?

Gravel placed from

Method of sealing strata off

Was well gravel packed? 

Yes 

No

or print) ve this line)	State Permit N	o	•••••	
(10) I OCAMION O	D WINT I		<del></del> <u></u>	
(10) LOCATION O		b		
County ¼ Sect	Driller's well nu	R. /. 11		34.34
		14.		W.M.
Bearing and distance fro	m section or subdivisi	on corner	7	
(11) WATER LEVI	EL: Completed w	ell.		
Depth at which water wa		50		ft.
Static level 18	ft. below land s	urface.	Date (./	11/7
Artesian pressure	lbs. per squar		Date	
(12) WELL LOC.	_		٦	- 17
(12) WELL LOG:	Diameter of well b			
Formation: Describe cold				
and show thickness and	nature of each stratu	m and ac	quifer pe	netrated,
with at least one entry for position of Static Water I				
MATERI	AL	From	То	SWL
Crovel- Boil		d	20	
Gravel		20	20	
Jandy Drown O	laj	29	30	
<u> Aravel &amp; Jano</u>		<u> 59</u>	- 33	<u> 1.8                                    </u>
<u>Jorg Janer Fr</u> Graval	ioim Jane		1:Li	7
Tilvo Shele		- 40	<u>()</u>	
Droken Luc S	annatero /	- 3	70	1.6
Mino Filue Jan	.darione	70	ي ن	
Flue : Small C	<u>amélakono TV:</u>	) 0	1.0 5	<u> 13</u>
Sticky Man C	157	100	123	
<u>lard lue Olo</u>	luo Lonnato:	00 1 5/	100	
The Military Se	ndj Ular	132	102	
luo Olego i J	longatore 🗽			
Gravel		3.93	231	
<u>Orojen Soargi</u>	:01 0 ∃ .	204	251	
<u> ara Lue da</u> Mich Mue d	1,000	2/-2	200	<del></del>
Work started 1/7//	Complete	ed /	17./90	19
Date well drilling machin	-Y	61	1 A <b>/</b> 72	19
Duilling Machine Occas				
Drilling Machine Oper This well was con	structed under my	direct	super	vision.
Materials used and in best knowledge and be		above a	re true	to my
	Nie In 10	Date	1/30/	<b>. 19</b> .78
(Drilling I Drilling Machine Oper	Machine Operator)			
Drilling Machine Oper	ator's License No.			
Water Well Contractor	's Certification:			
This well was drill true to the best of my	led under my jurisdi		d this re	eport is
Name MANUE	Win	g e		
(Person, firm	n or corporation)	( <b>Ty</b> )	pe or prin	t)
Address			•••••	
[Signed]	(Water Well Contr		707 0	7918

Contractor's License No. Date \_\_\_\_\_\_

### WATER WELL REPORT

WATER RESOURCES DEPARTMENT

State	Well No
State	Permit No

ER RESOURCES DEPARTMENT.	STATE OF OREGON
SALEM, OREGON 97310	(Please type or print)
within 30 days from the date of well completion.	(Do not write above this line)

3 abb 人 1928				
(1) OWNER:	(10) LOCATION OF WELL:			
Name CITY OF VALUE	County MIHIUR Driller's well m	umber	<u></u> _	
Address VALA, ORLIGOT 97918	14 S 14 Section ] T. ] S	$\mathbf{R}, f \in \mathbb{F}_{p}$		$\mathbf{W}.\mathbf{M}.$
	Bearing and distance from section or subdivisi	on corner	•	
(2) TYPE OF WORK (check):				
New Well 🛴 Deepening 🗌 Reconditioning 🗍 Abandon 🗍				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	12		ft.
Rotary 💢 Driven 🗆 Domestic 🗆 Industrial 🗋 Municipal 🗆	Static level 25 ft. below land a	surface. I	Date 5/	<u> 11/7</u> 8
Cable       ☐       Jetted       ☐         Dug       ☐       Bored       ☐       Irrigation       ☐       Test Well       ☐       Other       ☐	Artesian pressure lbs. per squar	e inch. I	Date	
(5) CASING INSTALLED: Threaded  Welded	(12) WELL LOG: Diameter of well			11
	Depth drilled 210 ft. Depth of comp.		ing	ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size			
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	m and ac	quifer pe	netrated,
(6) PERFORATIONS: Perforated?   Yes  No.	with at least one entry for each change of forma position of Static Water Level and indicate prin			_
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	Fine Clay & Gravel	0	7 + 1	
perforations from ft. to ft.	Medium Sand & Gravel	15	1.0	
perforations from ft. to ft.	Silt	4.0	1.2	
perforations from ft. to ft.	Small Gravel 1/3 30 gpm	42	1.8	
(7) SCOPENS.	Elue Clay	48	53	
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	gilty while Clay W/W 5 co	1 65	- 54	
Manufacturer's Name  Type Model No	Blue Clay Sandy Yellow Clay U/D 15	64 95	<del>75</del> 80	<del></del>
Diam. Slot size Set from ft. to ft.	Dive Clar	80	88	- <del></del>
Diam. Slot size Set from ft. to ft.	Sandy Dlue Clay 1/2 10gm		102	
(A) TITLE TENERO Droudown is amount water level in	Dlue Clay	102	11/2	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Sandy Dlue Clay /D 15	71/	118	
Was a pump test made?   Yes   No If yes, by whom?	Blue Clay (caving)	118	155	
Yield: gal./min. with ft. drawdown after hrs.	Thite Brittle Clay 19 per	159 159	139 175	
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	Slue Chay Sandi The Clay W/B15:50	175	<del>- = 6 기</del>	<del></del>
" " "	The Clay (fractures)	196	200	
Bailer test 100 gal./min. with 10 ft. drawdown after 2 hrs.		1		
Artesian flow g.p.m.				
Temperature of water 7 Depth artesian flow encountered ft.	Work started 5/09/73 19 Complete	ed 5/1	1/78	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	5/1	<u>1/78 </u>	19
Well seal—Material used	Drilling Machine Operator's Certification:			
Well sealed from land surface to 18 ft.	This well was constructed under my Materials used and information reported			
Diameter of well bore to bottom of sealin.	best knowledge and belief.			-
Diameter of well bore below seal	[Signed] /S/ Jinfield Pa @	Date	<u>/01/</u>	, 19.73 -
Number of sacks of tement used in well seal 4. DONCONICO sacks	(Drilling Machine Operator)  Drilling Machine Operator's License No.	65		
How was Smart grout placed? A PA PASSA A MELAUT HA				
	Water Well Contractor's Certification:			
	This well was drilled under my jurisd	iction an	d this re	eport is
Was a drive shoe used? [ Yes No Plugs Size: location ft.	true to the best of my knowledge and bel			
Did any strata contain unusable water? 🗌 Yes 🖫 No	Name (Person, firm or corporation)			
Type of water? depth of strata	Address 372 Valla,	<u> </u>	97	1973
Method of sealing strata off	[Signed] /c/ Gafiold Ps.c.			
Was well gravel packed? [Yes [INo Size of gravel:	[Signed] (Water Well Control	actor)		
Gravel placed from ft. to ft.	Contractor's License No	<u> </u>	73	., 19

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date

of well completion.

STATE OF OREGON L D L Well No. (Please type or print) JUI. 91978 State Permit No. ..... (Do not write above this line) A AREA DEROUBLIS DEPT.

(1) OWNER:	(10) LOCATION OF WELL:	
Name VALE CITY	County Malhaur Driller's well nu	
Address CITY HALLS VALE, OBECON 97918	M.E & S.E & Section 19 T. 18	R. 45 W.M.
	Bearing and distance from section or subdivision	on corner
(2) TYPE OF WORK (check):		
New Well 🛛 Deepening 🗍 Reconditioning 🗍 Abandon 🗍		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	ft.
Rotary Driven Domestic Industrial Municipal	Static level 25 ft. below land s	urface. Date 5/11/78
Cable	Artesian pressure lbs. per squar	
	The state pressure	- Date
5) CASING INSTALLED: Threaded   Welded	(12) WELL LOG: Diameter of well b	elow casing
6 "Diam from 0 ft to 50 ft. Gage • 250	Depth drilled 210 ft. Depth of comple	
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a	
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratus	m and aquifer penetrated,
'6) PERFORATIONS: Perforated? ☐ Yes ☒ No.	with at least one entry for each change of format position of Static Water Level and indicate prin	
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	Tine clay & gravel	0 15
perforations fromft. toft.	Med. sand & gravel	15 40 40 42
perforations from ft. to ft.	silt	40 42 42 48
perforations from ft. to ft.	Small gravel w/b30 gom	18 63
(7) SCREENS: Well screen installed?  Yes No	Silty blue clay w/b5gpm	63 64
Manufacturer's Name	Plue clay	64 75
Type Model No.	Sandy yellow clayw/o 15	75 80
Diam. Slot size Set from ft. to ft.	Elue_clay	80 88
Diam. Slot size Set from ft. to ft.	Sandy blue clay w/b 10go	00
	- lue clav	102 11/1
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Sand blue clay w/b 15gpm	114 118
Was a pump test made? Yes 1 No If yes, by whom?	lua clay (caving)	118 139
rield: gal./min. with ft. drawdown after hrs.	Wht brittle clay w/b 15	135 139
" " "	Blue clay	139 175
" " H "	Sandy Plue clay W/b 15-	175 176
	Blue clay(frectured)	176 219
Artesian flow 57 g.p.m.		LL
imperature of water Depth artesian flow encountered ft.	Work started 5/9/78 19 Complete	ed 5/11/78 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	5/11/73 19
Well seal-Material used Bentonite	Drilling Machine Operator's Certification:	
Well sealed from land surface to 18 ft.	This well was constructed under my	
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.	above are true to my
,	(Simod) Mandrill & hore	Date 6/1/78, 19
Diameter of well bore below seal in.  benton to in.  Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)	, ,
How was cement grout placed?	Drilling Machine Operator's License No.	65
Rentonite was pressured grouted		
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdi true to the best of my knowledge and bel	
Was a drive shoe used? 🗗 Yes 📋 No Plugs Size: location ft.	Name PACE BROTHERS LRILLI	
Did any strata contain unusable water? 🗆 Yes ื No	(Person, firm or corporation)	(Type or print)
Type of water? depth of strata	Address RT., 2-BOX 371 VALE,	OREGON 97918
Method of sealing strata off	and I in man	ho
Was well gravel packed?   Yes No Size of gravel:	[Signed] [Mater Well Contr	2000
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 6	<i>-</i>
	I worked the control of the control	annum dana da Andre

NOTICE TO WATER WELL CONTRACTOR; The original and first copy of this report are to be MARS - 19, WATER WELL REPORT filed with the STATE OF OREGON State Well No. ..... STATE ENGINEER, SALEM, OREGON JOB EN (Please type or print) within 30 days from the date AL TIM. Or State Permit No. (Do not write above this line) of well completion. (10) LOCATION OF WELL: (1) QWNER: County Wilhell Driller's well number NW 4 SE 14 Section 19 T. 185 R. 45 E W.M. Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well [] Deepening [] Reconditioning [] If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (4) PROPOSED USE (check): (3) TYPE OF WELL: Depth at which water was first found ✓ Driven 📋 Static level / ft. below land surface. Date 2 - 25 Domestic Industrial | Municipal | Jetted 📋 Irrigation [] Test Well [] Other Bored [] Artesian pressure CASING INSTALLED: Threaded | Welded Z (12) WELL LOG: Diameter of well below casing "Diam. from Oft. to 2/ st. Gage 250 Depth drilled ft. Depth of completed well Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated. with at least one entry for each change of formation. Report each change in PERFORATIONS: position of Static Water Level and indicate principal water-bearing strata. Perforated? Yes No. Type of perforator used Size of perforations perforations from ...... ft. to ..... ... perforations from ...... ft. to perforations from . .... ft. to ... (7) SCREENS: Well screen installed? [] Yes Manufacturer's Name ..... Model No. Diam Slot size Set from ft. to Drawdown is amount water level is lowered below static level (8) WELL TESTS: Was a pump test made? [] Yes [] No If yes, by whom? Bailer test 3 / gal./min. with / ft. drawdown after Work started 2.25 19 22 Completed 2 - 25 perature of water 4 Depth artesian flow encountered ... Date well drilling machine moved off of well (9) CONSTRUCTION: Drilling Machine Operator's Certification: We'l seal-Material used This well was constructed under my direct supervision. Well sealed from land surface to ..... Materials used and information reported above are true to my best knowledge and belief.
[Signed] (Drilling Machine Operator) Number of sacks of cement used in well seal ..... Drilling Machine Operator's License No. Number of sacks of bentonite used in well seal ..... Brand name of bentonite ...... Water Well Contractor's Certification: Number of pounds of bentonite per 100 gallons This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was a drive shoe used? VYes 🗍 No Plugs ....... Size: location ...... ft. Did any strata contain unusable water? [] Yes If No Type of water? depth of strata Method of sealing strata off

Was well gravel packed? Yes WNo Size of gravel: ....

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_ ft.

... Date ... オ

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print) (Do not write above this line)

- State Permit No. 185/417-19 36

	The state of the s			
(1) OWNER:	(10) LOCATION OF WELL:			
Name JOHN ROBERTS	County MATHETTR Driller's well number			
Address VALE, OREGON 97918			11/ 34	
MALLO & ONLOCON 77.710	NV 45E 4 Section 19 T18			
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	on_corner		
New Well \( \) Deepening \( \) Reconditioning \( \) Abandon \( \)				
If abandonment, describe material and procedure in Item 12.				
	(11) WATER LEVEL: Completed w			
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 18	)	ft.	
Rotary [] Driven [] Domestic M Industrial [] Municipal []	Static level 25 ft. below land s	urface.Date 7 🗕	8-96	
Dug	Artesian pressure lbs. per square	e inch. Date	•	
CASING INSTALLED: Threaded  Welded 50 6 "Diam from 0 ft. to 30 ft. Gage 250 "Diam from ft. to ft. Gage	(12) WELL LOG: Diameter of well be Depth drilled 208 ft. Depth of complete	_	6 ft.	
" Diam. from	Formation: Describe color, texture, grain size a and show thickness and nature of each stratur with at least one entry for each change of format	n and aquifer per	netrated.	
PERFORATIONS: Perforated?  Yes X No.	position of Static Water Level and indicate princ	cipal water-bearin	g strata.	
Type of perforator used	MATERIAL COLT	From To	SWL	
Size of perforations in. by in.	GRAVELY SOIL	0 3		
perforations from ft. to ft.	HARD BROWN CLAY	3 5		
perforations from ft. to ft.	CEMENTED GRAVEL	5 7		
perforations from ft. to ft.	BROWN CLAY	7   10		
(7) SCREENS: Well screen installed? These Et No.	CALECHE	10 13		
(7) SCREENS: Well screen installed? □ Yes 豆 No Manufacturer's Name	SANDY BROWN CLAY	13   18		
	BROUN SAND W/B	18 19	25.	
	STICKY BROWN CLAY	19   32		
	BLUE CLAY	32   27		
Diam. Slot size Set from ft. to ft.	HARD BLUE SHALE	97 98		
(8) WELL TESTS: Drawdown is amount water level is	BLUE CLAY	98 120		
lowered below static level	HARD BLUE SHALE	120 121		
Was a pump test made? Yes No If yes, by whom?	BLUE CLAY	121 168		
Yield: gal./min. with ft. drawdown after hrs.	BROKEN BLUE SOAPSTONE U/F		25.	
" " " "	BLUE CLAY	170 197		
, , , , , , , , , , , , , , , , , , ,	BLUE SAND W/B	197 199	25	
Bailer test 7 gal./min, with 100ft, drawdown after 1 hrs.	BLUE CLAY	199 208		
Actesian flow g.p.m.				
aperature of water 6! Depth artesian flow encountered ft.	Work started 7-6-76 19 Complete	-d-7-6-76	19	
	Date well drilling machine moved off of well 7	<u>-1-9-1</u> 0	19	
(9) CONSTRUCTION:		<u>-10-70</u>		
Well seal-Material used CEMENT Well sealed from land surface to 18 ft.	Drilling Machine Operator's Certification: This well was constructed under my	direct super	vision.	
Diameter of well bore to bottom of seal	Materials used and information reported	above are true	to my	
Diameter of well bore to bottom of sealin.  Diameter of well bore below sealin.	best knowledge and belief	Date 7-10-7	6.0	
_	(Drilling Machine Operator			
Number of sacks of cement used in well seal sacks	Drilling Machine Operator's License No.	729		
Number of sacks of bentonite used in well seal sacks				
Brand name of bentonite	Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons of water	This well was drilled under my jurisdi		eport is	
	true to the best of my knowledge and beli	ef.		
Was a drive shoe used? T Yes No Plugs Size: location ft.  Did any strata contain unusable water? [] Yes No	Name PAGE BROS DRILLING (Person, firm or corporation)	(Type or prin		
Type of water? depth of strata	Address RT . 2 BOX 371 VALE			
The state of the second	0115	)	. المغيري و.	
Method of sealing strata off	[Signed] Mary Well Contr	77		
Was well gravel packed? [] Yes X No Size of gravel:				
Gravel placed from ## to ##	Contractor's Lidence No. 564 Date 7	- IU-75	10	

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No. 183/455-199
----------------------------

State	Well No	) <i>i</i>	7		<i></i>	44	C
State	Permit	No.		•••••			

(1) OWNER:	(10) LOCATION OF WELL:
Name CHRIS FREEZE	County FALHEUR Driller's well number
Address 524 ASH STREET VALE, OREGON 97918	IN 14 SE 14 Section 19 T. 18 R. 45 W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 159 ft.
Rotary [ Driven Domestic I Industrial Municipal Domestic II Industrial Domestic II Industri	Static level 3] ft. below land surface. Date 7/31/3
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded [] Welded []  6 " Diam. from +1 ft. to 20 ft. Gage • 250  " Diam. from ft. to ft. Gage	(12) WELL LOG: Diameter of well below casing
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratum and aquifer penetrated. with at least one entry for each change of formation. Report each change in
(6) PERFORATIONS: Perforated?   Yes TiNo.	position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Cemented Gravel 0 10
perforations from ft. to ft.	Brown Clay 10 37
perforations from ft. to ft.	Blue VXX Clay 37 52 Hard Green Sandstone 52 105
perforations from ft. to ft.	Soapstone 105 106
(7) SCREENS: Well screen installed?  Yes 1 No	Hard Green Sandstone 106 159
Manufacturer's Name	Soft Black Sandstone 159 170 31
Type Model No	Green Clay 170 178
Diam. Slot size Set from ft. to ft.	Hard Green Sandstone 178 186
Diam. Slot size Set from ft. to ft.	Green Clay 186 193
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Hard (!reen Sandstone 193 227
Was a pump test made? Yes No If yes, by whom?	
Yield: gal./min. with ft. drawdown after hrs.	REGISTUED
" " " " "	AUGC 7 1980
" " " " " " " " " " " " " " " " " " "	
Bailer test $\delta$ gal./min. with $150$ ft. drawdown after 1 hrs.	WATER RESOURCES DEPT
Artesian flow g.p.m.	SALEM, OREGON
Temperature of water 52 Depth artesian flow encountered ft.	Work started 7/31/80 19 Completed 7/31/80 19
(0) CONSTRUCTION.	Date well drilling machine moved off of well 7/37/30 19
(9) CONSTRUCTION:  Well seal—Material used CHITT	Drilling Machine Operator's Certification:
Well sealed from land surface to 18 ft.  Diameter of well bore to bottom of seal 10 in.  Diameter of well bore below seal 5 in.  Number of sacks of cement used in well seal 6 sacks  How was cement grout placed? PRISTURE GROUTID	This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  [Signed] 7/31/9.80  [Drilling Machine Operator's License No
	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.
Was a drive shoe used? I Yes I No Plugs Size: location ft.	Name PAGE BROTHERS DRILLING
Did any strata contain unusable water? [] Yes [] No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address RT 2 BOX 371 VALE OREGON 97918
Method of sealing strata off	[Signed] Milliell & Dave
Was well gravel packed?   Yes No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 7/31/, 19.80

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State \	Well	No.	135.	145E-	1	Ļ	,i

		,
State Pe	ermit No.	

(1) OWNER:	(10) LOCATION OF WELL:
Name GELIE SOMAFFER	County FALHEUR Driller's well number
Address NP 2 BOW A-350 VALL, ORIGON	117 % 177% Section 20 T. 18S R. 45D W.M.
97918	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 6.8 ft.
Rotary T Driven D Domestic D Industrial Municipal	Static level 45 ft. below land surface. Date 6/20/85
Cable	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded To to 19 ft. to 250 Tt. Gage • 250	(12) WELL LOG: Diameter of well below casing 511  Depth drilled 83 ft. Depth of completed well 83 ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in
(6) PERFORATIONS: Perforated? ☐ Yes ☐ No.  Type of perforator used	position of Static Water Level and indicate principal water-hearing strata.  MATERIAL From To SWL
Size of perforations in. by in.	Top Soil 0 1
perforations from	Brown Clay
perforations from ft. to ft.	Cemented Gravel 4: 12
perforations from ft. to ft.	Sticky Brown Clay 12 57
	Sticky Blue Clay 57 68
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	Soft Black Sandstone 68 75 49
Manufacturer's Name	Blue Clay 75 85
Type Model No.  Diam. Slot size Set from ft. to ft.	
Diam. Slot size Set from ft. to ft.	
Diam. Stockholm Dec Holl	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made?   Yes  No If yes, by whom?	
Yield: gal./min. with ft. drawdown after hrs.	W. C. (10)
, n n n	WATER PAROUECES DEPT
n n	- CARGON
Bailer test 18 gal./min. with 15 ft. drawdown after 1 hrs.	V. V
Artesian flow g.p.m.	
Temperature of water 52Depth artesian flow encountered	Work started 6/20/80 19 Completed 6/20/3019
(9) CONSTRUCTION:	Date well drilling machine moved off of well 6/20/8019
Well scal—Material used Colling	Drilling Machine Operator's Certification:
Well scaled from land surface to	This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  [Signed] 111 102201 Date 5/20/1930 Drilling Machine Operator)
now was comene grout placed?	
	Water Well Contractor's Certification:  This well was drilled under my jurisdiction and this report is
Was a drive shoe used? "I Vec I No Plage Size leastion #	true to the best of my knowledge and belief.
Was a drive shoe used? [ Yes No Plugs Size: location ft.  Did any strata contain unusable water? [ Yes [ No	Name PAGE BROTHERS DRILLING
	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address Addres
Method of sealing strata off	[Signed] All (Water Well Confector)
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	
Gravel placed from	Contractor's License No. 564 Date 6/20/1930

COPY WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Please type or print)

State Well No	
State Permit No.	

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

<u> </u>			
(1) OWNER:	(10) LOCATION OF WELL:		
Vame CIRY OF VALL	County Driller's well nu		
Address VAII., 0.2.300.1 97918	31 14 50 14 Section 20 T. 1.8	R. 45	W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	on corner	
New Well Deepening Reconditioning Abandon		<u></u>	
If abandonment, describe material and procedure in Item 12.		11	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	- 0	
Potenty M Driven D	Depth at which water was first found	20	ft.
Cable   Jetted     Domestic   Industrial   Municipal	Static level ft. below land s	surface. Date 1	<u>1/20/</u>
Dug   Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per squar	e inch. Date	
(5) CASING INSTALLED: Threaded \( \Boxed{1} \) Welded \( \Boxed{1} \)	(12) WELL LOG: Diameter of well h	pelow casing	211
12 " Diam. from 0 ft. to 152 ft. Gage 250	Depth drilled 752 ft. Depth of compl	•	32 ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size	and structure of r	naterials:
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	m and aquifer pe	netrated,
(6) PERFORATIONS: Perforated? To Yes No.	with at least one entry for each change of forma position of Static Water Level and indicate prin		
Type of perforator used PASTONE	MATERIAL	From To	SWL
Size of perforations $\frac{5}{16}$ in. by $\frac{3}{16}$ in.	Tedium Bandy Loan	0 3	
228 perforations from 101 ft. to 111 ft.	Dry Sand	3 6	
perforations fromft. toft.	Light Frown Clay	6 19	
perforations from	Cement Cravel	19 2)	
	<u>ledium Sand &amp; Gravel :/E</u>		7_
(7) SCREENS: Well screen installed? ☐ Yes ☑ No	Blue Shale	30 38	
Manufacturer's Name	Sticky Dlue Clay	38 43	m
Гуре Model No Diam Slot size Set from ft. to ft.	Proken Cluc Male /h	43 47 77 52	
Diam. Slot size Set from ft. to ft.	<u> </u>	52 60	
Siot size Siot size	Troken Time Grain ./	36 25	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Ava Shaln	57 103	
Was a pump test made? ♀ Yes □ No If yes, by whom?	Noft Blue Sandstone 3/2	103 105	7
Yield: 250 gal./min. with 25 ft. drawdown after 8 hrs.	Sticky The Clay	105 132	<del></del>
" " " "			
" " "			
Bailer test gal./min. with ft. drawdown after hrs.			
Artesian flow g.p.m.			
Temperature of water 52 Depth artesian flow encountered	W. 1 4 4 1 2 3 / 0 3 / 0 7	1 1 100 /75	
temperature of water 17 Depth artesian flow encountered	Work started 77/07/19 Complete	ed 1 (////////	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u> </u>	19
Well seal—Material used	Drilling Machine Operator's Certification: This well was constructed under my Materials used and information reported best knowledge and belief.	above are true	to my
Diameter of well bore below seal 12 in.	[Signed] /S/ (Drilling Machine Operator)	Date 11/21/	, 19.7.
Number of sacks of cement used in well seal sacks  How was cement grout placed?	Drilling Machine Operator's License No.	111	
	Water Well Contractor's Certification:		
	This well was drilled under my jurisdi		eport is
Was a drive shoe used? 🛴 Yes 📋 No Plugs Size: location ft.	true to the best of my knowledge and bel  Name		
Did any strata contain unusable water?   Yes  No	Name (Person, firm or corporation)	(Type or prir	it)
Type of water? depth of strata	Address N 2 701 371 Val.		
Method of sealing strata off			
Vas well gravel packed? ☐ Yes ☐ No Size of gravel:	[Signed] /S/ infield Paus (Water Well Contr	actor)	
Gravel placed from ft to ft	Contractor's License No. 55% Date		10

C O P Y WATER WELL REPORT

#### STATE OF OREGON

State Well No	
State Permit No.	

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

(Please type or print)

Diate	*** C11	110.	***************************************
State	Perm	nit N	To

within 30 days from the date of well completion.  (Do not write all 1.977)	State Permit N	o
	(10) LOCATION OF THE L	
(1) OWNER:	(10) LOCATION OF WELL:	
Name CITY OF VAL	County Driller's well nu	
Address VALE, ONEGON 97918	S. 14 10 4 Section 20 T. 18	R. 45 W.M.
(a) TYPE OF WORK (.L. 1)	Bearing and distance from section or subdivisi	on corner
(2) TYPE OF WORK (check):		
New Well   ☐ Deepening ☐ Reconditioning ☐ Abandon ☐		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	21 <b>ft</b> .
Rotary Driven Domestic Industrial Municipal	Static level 14 ft. below land s	surface. Date 7/01/77
Cable	Artesian pressure lbs. per squar	
(5) CASING INSTALLED: Threaded Welded T	(12) WELL LOG: Diameter of well b	pelow casing
8 " Diam. from 6 ft. to 534 ft. Gage • 250	Depth drilled 1/15 ft. Depth of compl	eted well $14.5$ ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size	and structure of materials:
	and show thickness and nature of each stratus	m and aquifer penetrated,
(6) PERFORATIONS: Perforated? To Yes I No.	with at least one entry for each change of format position of Static Water Level and indicate prin	-
Type of perforator used FACTORY	MATERIAL	From To SWL
Size of perforations 3/16 in. by 3 in.	Top Soil	0 1.
Size of perforations $725$ m. by m. $125$ m. $1$	Galeche	1, 6
	Dark Gummy Clay	6 19
perforations from	Brown Sand	19 20
perforations fromft. toft.	Cemented Gravel	20 21
(7) SCREENS: Well screen installed? ☐ Yes ☒ No	Hedium Gravel & Sand W/B	21 31 14
Manufacturer's Name	Hard Blue Shale	31 37
Type Model No	Blue Sticky Clay	37 51
Diam Slot size Set from ft. to ft.	Hard Blue Clay	51 52
Diam Slot size Set from ft. to ft.	Blue Sand W/B	52 53 14
(8) WELL TESTS: Drawdown is amount water level is	Soft Blue Sandstone	53 753
lowered below static level	Blue Sand W/B	75 76 14
Was a pump test made? Tyes No If yes, by whom?	Blue Clay	76 104
Yield: gal./min. with ft. drawdown after hrs.	Blue Sand W/B	104 105 14
" " "	Sticky Blue Clay	105 145
" " "		
Bailer test 30 gal./min. with 316 ft. drawdown after hrs.		
Artesian flow g.p.m.		
Temperature of water 53 Depth artesian flow encountered		- 5/00/25 H
Temperature of water 122 Depth artesian now encountered	Work started 7/0]/77 19 Complete	ed 7/02/77 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	$\frac{7}{02}$
Well seal—Material used DWTTCTIPE	Drilling Machine Operator's Certification:	
Well sealed from land surface to ft.	This well was constructed under my Materials used and information reported	
Diameter of well bore to bottom of sealin.	best knowledge and belief.	above are true to my
Diameter of well bore below seal	[Signed] /s/ Irobie I Page	Date 7/02/7719
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)	
How was cement grout placed?	Drilling Machine Operator's License No.	f. £l
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdi true to the best of my knowledge and bel	
Was a drive shoe used? 🖫 Yes 🗌 No Plugs Size: location ft.	- TAKE MANAGEMENT A BANKET	
Did any strata contain unusable water?   Yes X No	(Person, firm or corporation)	(Type or print)
Type of water? depth of strata	Address RT 2 BOX 371 VALE	, OREGOE 97918
Method of sealing strata off		
Was well gravel packed? [] Yes [[] No Size of gravel:	[Signed](Water Well Contr	actor)
	Contractor's License No. 564 Date 7	
Gravel placed from ft. to ft.	Contractor's License No	<i>19</i> , 19

WATER RESOURCES DEPARTMENT. SALEM. OREGON 97310 within 30 days from the date

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

	State	Well No	
	State	Permit No	
1.4	~ 7	of ?	

within 30 days from the date of well completion. (Do not write ab	State Permit N	io		
(1) OWNER:	(10) LOCATION OF WELL:			
Name UTAR OF FLTE.	County Driller's well n	umber		
Address 12	7. 14 1 14 Section 20 T. 10	R. /: ::		W.M.
	Bearing and distance from section or subdivisi			
(2) TYPE OF WORK (check):	Searing and oscillo non-section of search			
New Well □ Deepening □ Reconditioning □ Abandon □				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	 zell		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	~ .		ft
Rotary Driven Domestic Industrial Municipal	!7		72/	/ :::: / :::
Cable Dug Bored Dirigation Test Well Other				- 37 -
Dug   Bored   Imagaron   Test wen   Other	Artesian pressure lbs. per squa	re inch. I	Jate	
(5) CASING INSTALLED: Threaded  Welded	(12) WELL LOG: Diameter of well	below casi	ing ]	211
"Diam. from ft. to ft. Gage	Depth drilled 200 ft. Depth of comp			ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size			
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	ım and aç	quifer per	netrated
(6) PERFORATIONS: Perforated? Tyes No.	with at least one entry for each change of forma position of Static Water Level and indicate printing.	_		-
Type of perforator used	MATERIAL	From	то	SWL
Size of perforations // in, by in.	'n' poil	170		
perforations from 20 ft. to 27 ft.	Ji, bb Prown Blay	7	7.5	
perforations from ft. to ft.	The value of	7 1	25	r-1
perforations fromft. toft.	The Sigle		40	
	_aroles Uhelo	50	43	
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	Jaio'r Nigo vic	4.5		
Manufacturer's Name				
Type Model No.		1 50		
Diam. Slot size Set from ft. to ft.	Tame And Glass	1 1/4	95	
Diam. Slot size Set from ft. to ft.	Jost Mitchellus May	103	100	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Jost Jan Jan	1773	300	
Was a pump test made?  Yes No If yes, by whom?	Tarbabar ( ) haring a + 100	1		
Yield: gal./min. with 1 ft. drawdown after hrs.	37.05	1,27	7.70	
" " " " " "	Haft lue Olay	13.2	14.7	
	one The dlay (soft a'c	10 11		7
	Toft Jandy Jue Glay	7 1434	1,65	
Bailer test gal./min. with ft. drawdown after hrs.	Impirent Institutions		_1.67	, ,
Artesian flow g.p.m.	logs Time Glag & Camila		171	
Temperature of water 2 Depth artesian flow encountered ft.	Work started 12/02/77 19 Complet	ed ]?	<u> Z50Z5</u>	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u>l</u> ?	<u>///9/1</u>	7 19
Well seal—Material used	Drilling Machine Operator's Certification:	ļ		
Well sealed from land surface to ft.	This well was constructed under my			
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.			-
Diameter of well bore below sealin.	[Signed] / Anchie Logo (Drilling Machine Operator)	Date 1	/_0/:	. 19
Number of sacks of cement used in well seal				
How was cement grout placed?	Drilling Machine Operator's License No.		<u></u>	
	Water Well Contractor's Certification:			
		iction a-	d this =	anort in
	This well was drilled under my jurisd true to the best of my knowledge and be	lief.	u uns re	sport 18
Was a drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.	Name	7 10		
Did any strata contain unusable water?   Yes   No	(Person, firm or corporation)	(Ty)	pe or prin	<b>1)</b>
Type of water? depth of strata	Address			
Method of sealing strata off	[Signed] /2/ infina			
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	(Water Well Cont		10717	
Gravel placed from ft. to ft.	Contractor's License No Date	<u> エピ/ シリ</u>	<u> </u>	., 19

NOTICE TO WATER WELL CONTRACTOR

Rotary

Cable

Dug

Driven 🗌

Jetted 🔲

" Diam. from ....... ft. to ..... ft. Gage ..... 

in. by perforations from \_\_\_\_\_\_ ft. to \_\_\_\_\_ ft. perforations from \_\_\_\_\_\_ft. to \_\_\_\_\_ft.

Type Model No. Diam. Slot size ...... Set from ..... ft. to ..... ft. Diam. Slot size ...... Set from ..... ft. to ..... ft.

Was a pump test made? V Yes No If yes, by whom? Driller

g.p.m. Temperature of water 200 pepth artesian flow encountered ......

Well seal-Material used Cement Well sealed from land surface to \_\_\_\_\_\_\_ft.

How was cement grout placed? With grout pump

Was a drive shoe used? Yes No Plugs ...... Size: location ..... ft.

ft. to

depth of strata

Size of gravel:

gal./min. with

Diameter of well bore below seal \_\_\_\_\_\_\_ in.

Did any strata contain unusable water? 

Yes No

Well screen installed? | Yes X No

Drawdown is amount water level is lowered below static level

ft. drawdown after

gal./min. with 190 ft. drawdown after

Bored (5) CASING INSTALLED:

(6) PERFORATIONS:

Manufacturer's Name

Type of perforator used Size of perforations

(7) SCREENS:

(8) WELL TESTS:

(9) CONSTRUCTION:

Yield:

Bailer test

Type of water?

Gravel placed from

Method of sealing strata off

Was well gravel packed? [] Yes [] No

State Well No. 185/45E -20 Ca	
State Permit No.	

The original and first copy of this report are to be filed with the WATER WEI WATER WEI WATER RESOURCES DEPARTMENT.  SALEM, OREGON 97310  Within 30 days from the date of well completion. WATER RESOURCES DEPT	OREGON State Wel
(1) OWNER:	(10) LOCATION OF WELL:
Name James Hawley	County Malheur Driller's v
Address P.O. Box 225	NE 14 SW 14 Section 20 T. 1
Vale, Oregon 97918	Bearing and distance from section or sul
(2) TYPE OF WORK (check):	
New Well T Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Complete
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found

Threaded [] Welded []

Perforated? | Yes X No.

Irrigation [] Test Well [X] Other

(10) LOCATION OF WELL.			
County Malheur Driller's well no	ımber	80-6	5
NE 14 SW 14 Section 20 T. 18S	R. 45]	ე	W.M.
Bearing and distance from section or subdivision	on corne	r	
(11) WATER LEVEL: Completed w	ell.		
Depth at which water was first found		10	ft.
10		Date	
Artesian pressure lbs. per squar	e inch.	Date	
(12) WELL LOG: Diameter of well by	alamt an	8	
Depth drilled 680 ft. Depth of comple	eted wel	. 680	ft.
Formation: Describe color, texture, grain size and show thickness and nature of each stratus			
with at least one entry for each change of format	tion. Rep	ort each c	hange in
position of Static Water Level and indicate prin	cipal wa	ter-bearin	g strata.
MATERIAL	From	То	SWL
Top soil	0	4	
Clay, brown	4	10	
Gravel, medium, water br	g 10	26	10
Clay, brown	26	30	10
Clay, blue-gray	30	124	10
Clay, blue-gray	124	280	10
Clay, gray, narrow seams	- 00	680	10
of limestone, hard		000	
Rock, very hard	680		5
NOCK, VELY HALL	000		
m h h h _ o .	± + 0		
Temp. of water brought ou	L LU		
surface in 4 min. 200*			
**************************************			
		<del>-</del>	<del></del>
		7/6	0.0
Work started 2/2 19 80 Complete	d	5/6	19 80
Date well drilling machine moved off of well		<u>3/6</u>	19 80
Drilling Machine Operator's Certification: This well was constructed under my Materials used and information reported	direct	superv	vision. to mv
best knowledge and belief. ( ) // //	_	_	~
(Drilling Machine Operator)		- (	
Drilling Machine Operator's License No	1.3	19	• • • • • • • • • • • • • • • • • • • •
Water Wall Contractoria Contidention.			

Number of sacks of cement used in well seal 35 sacks

water	well	Contractor's	Certification:

	s well was dril the best of my		my jurisdiction ge and belief.	and t	this report	is
Nama	DTONEED	M A THE D	DEWEL ODME	יעני	TNC	

	(1 010011, 11	ini or corp	or a vione,		(T) be	D	
Address Rt	Ø/ 3	Box 4	93	Ontario	o, C	r.	97914
Signed	15	E		Ach			
0			Vater We	d Contractor)			).

748 Date \_

# NOTES BOTH WITH WRITE CONTRACTOR The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)
(Do not write above this line)

State Well No. 18/45-20 P	,
State Permit No.	

(1) OWNER:	(11) LOCATION OF WELL:
Name DENAL 1100	County / / / / / / / Driller's well number
Address / HI CFCCCN	1 14 5 / 14 Section ) ( T. / 5 5 R. 4.5-/ W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(12) WELL LOG: Diameter of well below casing Nolly
Cable [] Jetted [] Domestic [] Industrial [] Municipal []	Depth drilled 15 ft. Depth of completed well 325 ft.
Dug Bored Irrigation Test Well Other	Formation: Describe color, texture, grain size and structure of materials:
CASING INSTALLED: Threaded  Welded  Welded  true	and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.
" Diam, from ft. to ft. Gage	MATERIAL From To SWI.
" Diam, from ft. to ft. Gage	SEIL LINE PUST D 3
PERFORATIONS: Perforated? Pyes No.	CLAY WILLEN 3' 15'
Type of perforator used / / F()//	SAKID FINE 18 33 15
7.	54NG+68AKA 2318
70	6-1741/26 112/11/11 3x 31
perforations from J. ( tt. to J.) ft.  perforations from ft. to ft.	Chay 15hux 34 30 15
perforations from tt. to ft.	
perforations fromft. toft.	
perforations from ft. to ft.	
(1) CODENIC.	
(7) SCREENS: Well screen installed? [] Yes [] No	
Manufacturer's Name	
Type Model No	
D.am. Slot size Set from ft. to ft.	
Diam Stot size Set from ft. to ft.	
(8) WATER LEVEL: Completed well.	
tie level / 3 ft. below land surface Date	
K afan pressure His, per square inch. Date 9.97/69	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? (f) Yes (1) No. If yes, by whom? PRILL R	
d: A. L. gal./min. with f ft. drawdown after J hrs.	Work started 4 7 19/. 7 Completed 9 . 3 1/ 19//
, , , , , , , , , , , , , , , , , , , ,	Date well drilling machine moved off of well 5
	Drilling Machine Operator's Certification:
Bailer test gal./min, with ft. drawdown after hrs.	This well was constructed under my direct supervision. Mate-
The second secon	rials used and information reported above are true to my best knowledge and belief.
Artesian flow g.p.m. Date	/ //
Temperature of water 5. Was a chemical analysis made? [] Yes [F] No	[Signed] 1) Ut & Ila [ Line at Date 16 . 36, 1967
(10) CONSTRUCTION:	Drilling Machine Operator's License No
Well seal-Material used BUNTENITE	
Depth of seal 2 C	Water Well Contractor's Certification:
Diameter of well bore to bottom of sealin.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Were any loose strata cemented off? Yes No Depth	NAME / a L L L A / P PILL NC CC (Person, firm or corporation) (Type or print)
Was a drive shoe used? [] Yes	
Did any strata contain unusable water?   Yes  No	Address CNTARIO CRECON
Type of water? depth of strata	
Method of sealing strata off	[Signed] // (Water Well Contractor)
Was well gravel packed? Tyes No Size of gravel:	
Gravel placed from ft. to ft	Contractor's License No. 16 Date 11 - 2 1960

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State We	ell No	18-4-15/	
State Pe	ermit No.		,

(1) OWNER:	(10) LOCATION OF WELL:			
vame STAN DENTINGER	County MALHEUR Driller's well no	ımber		
Address VAIE, OREGON 97918	SE % SW % Section 20 T. 18	R. 45		W.M.
	Bearing and distance from section or subdivisi			
(2) TYPE OF WORK (check):				
New Well [ Deepening  Reconditioning  Abandon				
f abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.		
3) TYPE OF WELL: (4) PROPOSED USE (check):	_	72		ft.
Rotary Driven Domestic K Industrial Municipal	Static level 12 ft. below land s		ate 5	05/27
Cable	Artesian pressure lbs. per squar			
(5) CASING INSTALLED: Threaded Welded TX	(10)			
5 "Diam from 0 ft. to 30 ft. Gage 250	(12) WELL LOG: Diameter of well i	elow casir		
" Diam from ft. to ft. Gage	Depth drilled 83 ft. Depth of compl	eted well	8	3 ft.
" Diam. from ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each stratu			
	with at least one entry for each change of forma	tion. Repor	t each c	hange in
(6) PERFORATIONS: Perforated? [] Yes I No.	position of Static Water Level and indicate prir	cipal wate	r-bearin	g strata.
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	Top soil	0	3	
perforations from ft. to ft.	Sandy Brown Clay	<del>                                     </del>	_19	
perforations fromft, toft.	Medium Gravel & Coarse   Brown Sand	19	2.5	
perforations fromft. toft.	Blue Clay	25	<del>- 5</del> 2	
(7) SCREENS: Well screen installed? Tyes I No	Sandstone	72	71	12
Manufacturer's Name	Blue Clay	74	83	
Type Model No.				
Diam Slot size Set from ft. to ft.		<u> </u>		
Diam. Slot size Set from ft. to ft.		<b></b>		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level		<del> </del>		
Was a pump test made? Yes No If yes, by whom?	100			
Yield: gal./min. with ft. drawdown after hrs.	July 20 1980			
	WATER RECOUPLES DEPT			
	SALEM CREGON			
Bailer test 12 gal./min. with 63 ft. drawdown after 1 hrs.				
Artesian flow g.p.m.	Work started 5/6/80 19 Complet	5/6	/80	
Temperature of water 70 Depth artesian flow encountered ft.	Work started 5/6/30 19 Complet  Date well drilling machine moved off of well		/80	19
9) CONSTRUCTION:			/ 00	13
Vell seal-Material used CENTRT	Drilling Machine Operator's Certification: This well was constructed under my		~ II N O M	wicion
Veil sealed from land surface to	Materials used and information reported	above a	re true	to my
Diameter of well bore to bottom of seal	best knowledge and belief.	. 5/	'n <b>/</b> 80	
Number of sacks of cement used in well seal9	[Signed] Column W Machine Operator			•
low was cement grout placed? PRESSURE GROUTED	Drilling Machine Operator's License No.	729		
	Water Well Contractor's Certification:			
	This well was drilled under my jurisd	iction and	l this r	eport is
Was a drive shoe used? TIXYes   No Plugs Size: location ft.	true to the best of my knowledge and bel	ief.		-
2 d any strata contain unusable water?  Yes  No	Name PAGE EROTHERS DRILLI (Person, firm or corporation)		e or prir	
Type of water? depth of strata	Address RT 2 BOX 371 VALE		ĞÖÑ	97918
Method of scaling strata off	201 5 1 11/1 1	)~	•••••••	••••••
Was well gravel packed? [] Yes 🖔 No Size of gravel:	[Signed] (Water Well Control	actory	<u> </u>	
	Contractor's License No564. Date	5/9/8	()	10
Grave) placed from ft. to ft.	Contractor's License No	.212.6.5		., 19

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE OF OREGON

(Please type or print)

APR 61977

within 30 days from the date of well completion. (Do not write ab	ove this line) TESCURCES Under Permit No.
(1) OWNER: 2	(10) LOCATION OF WELL:
Name Cyril Fuhriman	County Malheur Driller's well number
Address	71 E 14 SE 14 Section 20 T. 18 R. 75 W.N
6x 400- Vale Ore. 97918	
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed well.  Depth at which water was first found
Rotary Driven Domestic Industrial Municipal	Static level 8 ft. below land surface. Date 3-2/-
Cable	Artesian pressure lbs. per square inch. Date
) CASING INSTALLED: Threaded   Welded   Welded	(12) WELL LOG: Diameter of well below casing 8  Depth drilled / O O ft. Depth of completed well / O O f
	Formation: Describe color, texture, grain size and structure of materials and show thickness and nature of each stratum and aquifer penetrated
) PERFORATIONS: Perforated?  Yes YNo.	with at least one entry for each change of formation. Report each change is position of Static Water Level and indicate principal water-bearing strate
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Sundy Sail 0 18
perforations from ft. to ft.	med. 150nd 18 22
perforations fromft. toft.	Blue C184 22 32
perforations from	Fractured Clay 40 32 35
(7) SCOPENS.	Bine Clay 1 35 36
(7) SCREENS: Well screen installed?  Wes No	Fractured Clay 36 38
Manufacturer's Name  Type Model No.	B/4 e Clay 38 42
	13/11/2 (16/1)
Diam. Slot size Set from ft. to ft.  Diam. Slot size Set from ft. to ft.	STICKLUSTUR CLAU 80 85
Diam. Slot size Set from ft, to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Sticky Blue Clay 95/66
Was a pump test made?   Yes   Yes   Yes, by whom?	
Vield: gal./min. with ft. drawdown after hrs.	
n n	
n n	
Bailer test 24 gal./min. with 37 ft. drawdown after / hrs.	
Artesian flow g.p.m.	
nperature of water / 7 Depth artesian flow encountered ft.	Work started 2 - / 8 19 77 Completed 3 - 2/- 19 /
(9) CONSTRUCTION: (unit	Date well drilling machine moved off of well $3-25$ 197
O to F	Drilling Machine Operator's Certification:
Well sealed from land surface to / f. ft.  Diameter of well bore to bottom of seal / Z in.	This well was constructed under my direct supervision Materials used and information reported above are true to meet knowledge and helief
Diameter of well bore below seal	[Signed] 12 Date 3 2 3, 19/
Number of sacks of cement used in well sealsacks	Drilling Machine Operator's License No
Number of sacks of bentonite used in well seal sacks	Drining Machine Operator's Elective No
Brand name of bentonite	Water Well Contractor's Certification:
Number of pounds of bentonite per 100 gallons	This well was drilled under my jurisdiction and this report i
Was a drive shoe used? [] Vos. ITNo. Plugs. Size leasting.	true to the best of my knowledge and belief.
Was a drive shoe used?  Yes FNo Plugs Size: location ft.	Name PAGE DYES DY///N3
Did any strata contain unusable water?   Yes PNo	Address Kt. 2 - Box 311 - Vale (De 914
Type of water? depth of strata	Name PAGE BYES DY//// NG (Person, firm or corporation) (Type or print) Address N.T. 2 - BOA 3/1 - Vale (Ne. 9/4)
Method of sealing strata off	[Signed] // Anfield / Cont
Was well gravel packed?  Yes No Size of gravel:	(Water Well Compactor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 3-23 , 197

#### NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE OF OREGON (Please type or print)

State Well No. 18/45	-20 K
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STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

State	Well No	18/45-20	K
State	Permit No.		

of wen completion.		
(1) OWNER:	(11) WELL TESTS: Drawdown is amount of lowered below static le	water level is
Name Comme orally my Frankle	Was a pump test made? ☐ Yes ☐ No If yes, by whom	
Address (ii)	Yield: gal./min. with ft. drawdow	, , ,
(2) LOCATION OF WELL:	" "	,,
County $\bigcap \bigcap \bigcap \bigcap \bigcap$ Driller's well number	Bailer test gal./min. with ft. drawdo	wn after hrs.
1)/1/34 (F 14 Section 5) (T. / 6) R. J. 5 F W.M.	Artesian flow g.p.m. Date	
Bearing and distance from section or subdivision corner	Temperature of water (,,() Was a chemical analysis r	nade?   Yes     No
!	(12) WELL LOG: Diameter of well below car	sing
	Depth drilled , 3,5 ft. Depth of completed wel	1 <b>9</b> ,5 ' ft.
	Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of t stratum penetrated, with at least one entry for each cl	he material in each
	MATERIAL	FROM TO
'^) TYPE OF WORK (check):		( )
Well 🗗 Deepening 🗌 Reconditioning 🗎 Abandon 🗍	1. 1 1.11	1 / 2
If abandonment, describe material and procedure in Item 12.	5 4 1/1/52/10 0/41/	13 77.
(4) PROPOSED USE (check): (5) TYPE OF WELL:	SAND FINE CRAVEL	75 25
Rotary C Driven	CLAU BLUE	28 35
Domestic Mindustrial Municipal Cable II Jetted		
irrigation [] Test Well [] Other [] Dug [] Bored []		
(6) CASING INSTALLED: Threaded Welded		
6" Diam. from 5 ft. to 5 ft. Gage		
" Diam. from ft. to ft. Gage		
ft. to ft. Gage		<u></u>
(7) PERFORATIONS: Perforated? [] Yes   No		
Type of perforator used TIPO//		
Size of perforations (" in. by 3/1/ in.		
1 perforations from 1 ft. to 1 ft.		
perforations fromft. toft.		
perforations from ft. to ft.		
perforations from ft. to ft.		
perforations from ft. to ft.		
(8) SCREENS: Well screen installed? [] Yes [] No		
nufacturer's Name		
Model No.		
Diam Slot size Set from ft. to ft.	Work started 7 7 7 196 Completed 5	21 19/.6.
Diam Slot size Set from ft. to ft.	Work started 19 / Completed 5  Date well drilling machine moved off of well	= 1966
(9) CONSTRUCTION:	(13) PUMP:	
D. A/4. A/. 4.	I	4
Well seal-Material used in seal B. M. M. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Manufacturer's Name NC PUM P	. /
Depth of seal ft. Was a packer used? : SANA in.	Type:	I.P
Were any loose strata cemented off? \(\subseteq\) Yes \(\begin{array}{c}\) Yes \(\begin{array}{c}\) Popth \(\ldots\)	Water Well Contractor's Certification:	
Was a drive shoe used? [[Yes ]] No	This well was drilled under my jurisdiction a	and this report is
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	true to the best of my knowledge and belief.	and this report is
Gravel placed from ft. to ft.	NAME HELLEWAY DRIV	Lide Ch
Did any strata contain unusable water?  Yes FNo	NAME (Person, firm or corporation) (Ty)	
Type of water? depth of strata	Address Address	<del></del>
Method of sealing strata off	Drilling Machine Operator's I towns No.	~ <b>~</b> .
(10) WATER LEVELS:	Drilling Machine Operator's License No.	
Static level / A ft. below land surface Date 5 - 14-66	[Signed]	af
Artesian pressure lbs. per square inch Date	Contractor's License No Date	S/1 10/1
	Contractor's Literise No	24 C 14 (C

(USE ADDITIONAL SHEETS IF NECESSARY)

#### The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

## WATER WELL REPORT GETTED

STATE OF OREGON MARK - 1978 State Well No. .....

(Please type or print) (Do not write above this line). SESSUE OF State Permit No.

County LALHEUR Driller's wel	l number		
SV 14 SE 14 Section 20 T. 18			w.k
Bearing and distance from section or subdi	_		
(11) WATER LEVEL: Completed	well.		
Depth at which water was first found			1
Static level $9\frac{1}{2}$ ft. below lar		Datel 2 -	20-
Artesian pressure lbs. per sq			LU
(12) WELL LOG: Diameter of we	ell below cas	ing6	
Depth drilled 30 ft. Depth of con			1
Formation: Describe color, texture, grain si	ze and struct	ure of m	naterial
and show thickness and nature of each strawith at least one entry for each change of for			
position of Static Water Level and indicate p			
MATERIAL	From	то	SWL
SANDY BROWN SOIL	0	16	
CELENTED GRAVEL	16	19	
GRAVEL & SAND M/B	19	25	9-5
BLUE CLAY	25	30	
	-		
Work starts 10 00 dE so c	lotadi O O	0 77 5	
Work started 2-20-75 19 Comp			,
Date well drilling machine moved off of we	<u> </u>	15	19
Drilling Machine Operator's Certification	on:		!
This well was constructed under r Materials used and information report			
best knowledge and belief.			
[Signed] (Drilling Machine Operator)	Date 12	-22-7	,59
Orilling Machine Operator's License N	. 73	29	
The state of the s			
Water Well Contractor's Certification:			
This well was drilled under my juri- true to the best of my knowledge and		d this re	eport i
	,		
Name // Myself	·		
Name (Person, firm on perporation)	NG (Ty	pe or prin	i <b>t</b> )

Contractor's License No. 564..... Date 12-22-7.5...., 19....

NOTICE TO WATER WELL CONTRACTOR

(The original and first copy of this poor are to be filed with the are to be filed with the STATE OF OREGON

STATE OF OREGON

Fred Comment of	•	*
State Well No. 185/4500-30	d	
State Permit No.		

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date FEB231980 (Please type or print) of well completionWATER RESOURCES (De Fisherite above this line)

WAILK KESOURCES DEPI				
(1) OWNER: Vale, The BLEM ONE,	(10) LOCATION OF WELL:			
Name HALE GEOTHERMAL PRODUCTION COMA	County Walker Driller's well no	ımber		
			'5" m	4 N/ N/
Address 34 BROADWAY NEW YORKY N.Y.				/ W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	on corner	•	
New Well Deepening Reconditioning Abandon Reconditioning				
it abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.	•	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	5		185° tt.
Rotary D Driven D Domestic D Industrial D Municipal	Static level 6 ft. below land s	urface 1		
Cable   Jetted   Irrigation   Test Well   Other	Artesian pressure lbs. per squar			100
CACINO INCOMALLED.				
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well b	elow cas	ing	٣′′
10 " Diam. from 3 ft. to 5 1 ft. Gage 350	Depth drilled 675 ft. Depth of compl	eted well	67	5- n.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size		····	
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	m and ac	quifer pe	netrated.
(6) PERFORATIONS: Perforated? \(\sigma\) Yes \(\sigma\) No.	with at least one entry for each change of formal position of Static Water Level and indicate prin			
101001001 [ 101 ]		<del>г - т</del>		
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	brown clay and small	0	10	
perforations from ft. to ft.	bolderd			
perforations from ft. to ft.		<b> </b>		
perforations from ft. to ft.	sand black brown			
7) CODETNO.	(median)	10	12	
(7) SCREENS: Well screen installed?   Yes   No	sand gravel	12	19	
Manufacturer's Name	blue clay (hord) sign	19	64	_Co_
Type Model No	multicolor red brown			
Diam. Slot size Set from ft. to ft.	blue clay (setty)	64	27	
Olam. Slot size Set from ft. to ft.	red clay (hard) raving	72	99	
(8) WELL TESTS: Drawdown is amount water level is	black whole thank	99	112	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	sticky green oreducting hand	112	485	6
Was a pump test made? [] Yes  No If yes, by whom?	Selate the sand stone	455	520	
Yield: gal./min. with ft. drawdown after hrs.	medicin hand black rock	570	605	
12. 25 you at 675'"	red lint baced with			,
45 gsm at" 673 "	arean besalt	605	675	
" " "	1			!
Bailer test gal./min. with ft. drawdown after hrs.				_ <u> </u>
Artesian flow g.p.m.				
remperature of water 193 Depth artesian flow encountered ft.	Work started 2-/2 1980 Complete	ed 2 -	19	19 8
(9) CONSTRUCTION:	Date well drilling machine moved off of well	2-1	9	19 5
	Drilling Machine Operator's Certification:			
	This well was constructed under my		super	vision.
Well sealed from land surface to 50 ft.	Materials used and information reported			
Diameter of well bore to bottom of seal	best knowledge and belief.		. T ^	62
Diameter of well bore below seal	[Signed] (Drilling Pachine Operator)	Date Z.	di C	., 19. <i>0</i> 0
Number of sacks of cement used in well seal 40 sacks	Drilling Machine Operator's License No.	115	/	************
How was cement grout placed?		·		
u in a way muca pring	Water Well Contractor's Certification:			
	This well was drilled under my jurisdi true to the best of my knowledge and bel		d this r	eport is
Vas a drive shoe used? 🗓 Yes 🗌 No Plugs Size: location ft.	Name (Person, figh or corporation)			
oid any strata contain unusable water? 🗌 Yes 🜓 No			pe or pri	c. //
Type of water? depth of strata	Address At City 47 B	DKJ24	tte, a	Ida.
Method of sealing strata off	01 4	PP	/ .	•
Was well gravel packed?   Yes No Size of gravel:	[Signed] (Water Well Control	ector)		
			, ~	,, C
Gravel placed from	Contractor's License No. 655 Date	<u> </u>	ک	, 19.25

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

## WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State	Well No
State	Permit No.

(1) OWNER.	(10) LOCATION OF WELL:	
(1) OWNER:		
Name DENNIS HART	County MALHEUR Driller's well no	
Address 385 SMITH ST S VALE, OREGON 97918	SE 14 SE 14 Section 20 T. 18	R. 45 W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	on corner
```		
New Well Deepening Reconditioning Abandon Abandon		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	21
Rotary 🚡 Driven 🗋 Domestic 🗋 Industrial 🗍 Municipal 🗍	Static level 18 ft. below land s	surface. Date 5/26/80
Cable   Jetted	Artesian pressure lbs. per squar	e inch. Date
(5) CASING INSTALLED: Threaded		below casing
"Diam. from ft. to ft. Gage	Depth drilled 1000 ft. Depth of compl	eted well 1000 ft.
	Formation: Describe color, texture, grain size and show thickness and nature of each stratu	
	with at least one entry for each change of forma	
(6) PERFORATIONS: Perforated? ☐ Yes ☐ No.	position of Static Water Level and indicate prin	cipal water-bearing strata
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	Top Soil	0 1
perforations from ft. to ft.	Medium Gravel	1 2
perforations from ft. to ft.	Brown Clay	2 21
perforations from ft. to ft.	Medium Gravel	21 29 18
(7) SCREENS: Well screen installed? ☐ Yes 「KNo	Blue Clay	29 90
(1) SCREENS: Well screen installed? ☐ Yes ☐XNo  Manufacturer's Name	Basalt	90 91
Type Model No.	Blue Clay	91 160
Diam. Slot size Set from ft. to ft.	Sandstone Blue Clay	160   162   162   365
Diam. Slot size Set from ft. to ft.	Brown Basalt	365 368
	Blue Clay	368 425
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Blue Claystone	425 495
Was a pump test made? Tyes \ No If yes, by whom?	Blue Clay	495 670
Yield: gal./min, with ft. drawdown after hrs.	Blue Soapstone	670 700
" " " "	Blue Clay	700 1000
" " "		
		<u> </u>
Artesian flow g.p.m.		
Temperature of water 86 Depth artesian flow encountered ft.	Work started 5/23/80 19 Complete	ed 5/26/80 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	5/26/80 19
Well seal-Material used CEMENT	Drilling Machine Operator's Certification:	
Well sealed from land surface toft.	This well was constructed under my Materials used and information reported	
Diameter of well bore to bottom of sealin.	best knowledge and belief.	above are true to my
Diameter of well bore below seal	[Signed] /s/ Winfield Page	Date 6/23/80 <sub>19</sub>
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)	65
How was cement grout placed? PRESSURE GROUTED	Drilling Machine Operator's License No.	
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdi true to the best of my knowledge and beli	
Was a drive shoe used? 🔀 Yes 🗌 No Plugs Size: location ft.	TITED DESIREDOS BACE	
Did any strata contain unusable water?   Yes X No	(Person, firm or corporation)	(Type or print)
Type of water? depth of strata	Address RT 2 BOX 371 VALE,	OREGON (97918
Method of sealing strata off		
Was well gravel packed? ☐ Yes ☒ No Size of gravel:	[Signed](Water Well Contr.	actor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 6	/23/80 10
/ICE ADDITIONAL COM	COMMENCE OF STREET, STREET, DAVE	, 1J

#### C ○ P Y WATER WELL REPORT

### STATE OF OREGON

(Please type or print)

State	Well No
State	Permit No.

17

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

Table # 1

(1) OWNER:	(10) LOCATION OF WELL:
Name ORIGOU TRAIL RESOURCES DEVELOPERET	County MATHUR Driller's well number
Address VALL, OREGON 97918	SS 4 SS 4 Section 20 T. 18 R. 45 W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found ft.
Rotary   Driven   Domestic   Industrial   Municipal	Static level 6 ft. below land surface. Date 3/21/80
Dug	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded A	(12) WELL LOG: Diameter of well below casing
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Sandy Clay 655 680 10
perforations fromft. toft.	Hard Black Basalt 680 700
perforations fromft. toft.	Soft Basalt 799 810
perforations from ft. to ft.	Hard Blue Clay 810 850
Manufacturer's Name  Type	
Bailer test gal./min. with 100ft. drawdown after 1 hrs.	
Artesian flow g.p.m.	
remperature of water 27 pepth artesian flow encountered ft.	Work started 5/20/80 19 Completed 3/24/80 19
	Date well drilling machine moved off of well 3/21:/80 19
(9) CONSTRUCTION:	
Well seal—Material used  Well sealed from land surface to ft.  Diameter of well bore to bottom of seal in.  Diameter of well bore below seal in.  Number of sacks of cement used in well seal sacks  How was cement grout placed?	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed] /S/ Winfield Page Date 3/25/, 1980 (Drilling Machine Operator)  Drilling Machine Operator's License No. 65
	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? Tayes [] No Plugs Size: location ft.	true to the best of my knowledge and belief.  Name PAGE BROTHERS DRILLING
Oid any strata contain unusable water? 🗌 Yes 💆 No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address RT 2 BOX 371 VALE, OREGON 97918
Method of sealing strata off	[Signed] /s/ Winfield Page
Was well gravel packed?   Yes No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 3/25/, 19.80

COPY WATER WELL REPORT

### STATE OF OREGON

(Please type or print)

State Well No	
State Permit No.	

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

(1) OWNER:	(10) LOCATION OF WELL:		
Name OLVEGOR TRAIN RESOURCES OF V HORIGHT	County [ATAMA][][] Driller's well number		
Address VATAL OR GON 97918	SI 4 S. 1 4 Section 20 T. 1.8 R. 1.5		
	Bearing and distance from section or subdivisi		
(2) TYPE OF WORK (check):	Dearing and distance from Section of Sasarying	ion corne	-
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w		
(3) TYPE OF WELL: (4) PROPOSED USE (check):			
Botony "Fill Duisson D	Depth at which water was first found	<u> 18</u>	
Cable	Static level ft. below land	surface.	Date
Dug Bored I Irrigation Test Well Other	Artesian pressure lbs. per squar	re inch.	Date
(5) CASING INSTALLED: Threaded Welded T	(12) WELL LOG: Diameter of well		
12 " Diam. from 0 ft. to 26 ft. Gage • 250	. Diamosi or work		
10 " Diam. from 0 ft. to 50 ft. Gage 250	Depth drilled () ft. Depth of comp		
0 ft. to 180 ft. Gage • 250	Formation: Describe color, texture, grain size and show thickness and nature of each stratu		
	with at least one entry for each change of forma	tion. Rep	ort eac
(6) PERFORATIONS: Perforated? ☐ Yes ☐ No.	position of Static Water Level and indicate prin	icipal wa	ter-bea
Type of perforator used FACRORY	MATERIAL	From	То
Size of perforations $\frac{7}{8}$ in. by $\frac{24}{9}$ in.	Sandy Clay		
176 perforations from 40 ft. to 62 ft.	Mine Crown Sand	1	1
perforations from ft. to ft.	amall Gravel	7.5	17
perforations from ft. to ft.	Fractured Sandstone	17	2]
(7) SCREENS: Well screen installed?  Yes  No	Pluish Roc'-	21	L.(
, ,	Fractured Cavy Blue Rock	1.0	
Manufacturer's Name  Type	with Iron Tyrites  Rrown Clay	1.0	65
Diam. Slot size Set from ft. to ft.	Plue Glay *	65 115	11.5
Diam. Slot size Set from ft. to ft.	Slate like Clay	1:00	1,00 1,60
	Plue Glay	7.50	55C
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Rasalt	54.0	F 5 5
Was a pump test made? If Yes No If yes, by whom?	Dlue Tard Clay **	1.55	500
Yield: OGO gal./min. with Goft. drawdown after hrs.			
" 5 " 155 " 1 " 1 "	* 1351 5 GET 1200		
" 6 " 500 " 1 "	** 500		
		ļi	
Bailer test gal./min. with ft. drawdown after hrs.			
Artesian flow g.p.m.		<u></u>	
Temperature of water ODepth artesian flow encountered ft.	Work started 2/22/30 19 Complet	ed <u>5</u>	/05/
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u> </u>	<u>/05/</u>
Well seal—Material used	Drilling Machine Operator's Certification:		
Well sealed from land surface to ft.	This well was constructed under my		
Diameter of well bore to bottom of seal in.	Materials used and information reported best knowledge and belief.	above a	are tr
Diameter of well bore below seal in.	[Signed] /S/ infield Fage (Drilling Machine Operator)	Date 3	/5/8
Number of sacks of cement used in well seal sacks			
How was cement grout placed? PI SSUR (COUTED)	Drilling Machine Operator's License No.	22	
	WY-A WY-12 Con-AA Con-A		
	Water Well Contractor's Certification:		•
	This well was drilled under my jurisd true to the best of my knowledge and bel		id this
Was a drive shoe used ? $\hfill \square$ Yes $\hfill \square$ No $\hfill$ Plugs Size: location ft.	Name PANA ROCH RO MILITA		
Did any strata contain unusable water?   Yes I No	(Person, firm or corporation)	(Ty	pe or p
Type of water? depth of strata	Address Re 2 DOU 371 VALL,	0.230	30
Method of sealing strata off	rg:		
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	[Signed] /S/ linfield Face (Water Well Conti	ractor)	•
Gravel placed from ft. to ft.	Contractor's License No		
	,		

(Do not write ab	ove this line)	io		•••••
	(10) LOCATION OF WELL:			
HORILHU	County [ ATATITY Driller's well m	umber		
	50 4 51 4 Section 20 T. 1.8			W.M.
	Bearing and distance from section or subdivisi	on corne	r	
Abandan 🗖				
Abandon [				
12.	(11) WATER LEVEL: Completed w	ell.		
SE (check):	Depth at which water was first found	18		ft.
☐ Municipal ☐	Static level 7 ft. below land s		Data :	, ,-
		surrace.	Date 5/	$\bigcirc$ VOU
Other	Artesian pressure lbs. per squar	re inch.	Date	
Welded 🏻	(19) WELL LOC		,	
Gage -250	(12) WELL LOG: Diameter of well I			λ.'.'
Gage250	Depth drilled () ft. Depth of compl	leted wel	<u>1 600</u>	) ft.
Gage • 250	Formation: Describe color, texture, grain size			
Gage	and show thickness and nature of each stratu with at least one entry for each change of forma			
es □ No.	position of Static Water Level and indicate prin			
10.	MATERIAL	From	то	SWL
		From		
<u>in.</u>	<u>Sandy_Clay</u>	<u> </u>	1 - 1	
	Fine Crown Sand	1	15	
ft.	<u>Inall Gravel</u>	7.5	17	
ft.	Fractured Sandstone	17	2]	_7
	Pluish Roc'-	21	I <sub>L</sub> O	
s 🗌 No	Fractured Cavy Blue Rock	L		
	with Iron lyrites	4.0	65	
	Brown Clay	65	115	
to ft.	Plue Jlay *	115	1,00	
to ft.	Slate like Clay	1:00	460	
411	Plue Clay	150	540	
ater level is	Rasalt	54.0	755	
, ragu ines	Clue Mard Clay **	155	500	-
		<b></b>		
after hrs.	* 1851 0 001 1200		<b></b>	
	** 500			-
, ,,			<b></b>	
n after hrs.			†	
	2/20/00		<u> </u>	
red ft.	Work started 2/22/80 19 Complete	ed 5	<u>/05/3</u>	
	Date well drilling machine moved off of well	3	<u>/05/8</u>	() 19
	Drilling Machine Operator's Certification:			
	This well was constructed under my		cuner	vision
ft.	Materials used and information reported	above	are true	to my
in.	best knowledge and belief.			
•	[Signed] /S/ infield Fage (Drilling Machine Operator)	Date 🚉	<u> </u>	, 19
sacks	(Drilling Machine Operator)	55		
	Drilling Machine Operator's License No.	ارات المحادث	··········	
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdi	iction ar	nd this r	enort is
	true to the best of my knowledge and bel	ief.	****** 1	-10-11
location ft.	Name PAGI ROULING MILIT	$C_{\epsilon}$		
	(Person, firm or corporation)	(13	ype or prir	
	Address Re 2 Devi 371 VALL,	0.23(	30 9	79 <b>1</b> 8
	[Signed] /S/ Minfield Page			
1.	[Digited]	actor)		

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310

within 30 days from the date

COPY WATER WELL REPORT

### STATE OF OREGON

(Please type or print)

State	Well No
State	Permit No

11.

of well completion. (Do not write at	ove this line)	0		
(1) OWNER:	(10) LOCATION OF WELL:			
Name OF SGOL STRAID LYBOURGES DUV. SLODE LYB.	County Driller's well n	umber		ļ
Address VALU, ORUGON 97918	31 % S.] % Section 20 T. 13			W.M.
	Bearing and distance from section or subdivis		 r	
(2) TYPE OF WORK (check):	Bearing and distance from section of suburns	<u> </u>		
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	77		ft.
Rotary Driven Domestic Industrial Municipal	Static level 3 ft. below land	surface.	Date 5/	/29/80
Cable   Jetted   Irrigation   Test Well   Other	Artesian pressure lbs. per squa			<del>,-,</del>
(5) CASING INSTALLED: Threaded Welded To to Long Fit to Long Fit Gage • 250	(12) WELL LOG: Diameter of well			LO!!
" Diam. from ft. to ft. Gage	Depth drilled 50 ft. Depth of comp			ft.
	Formation: Describe color, texture, grain size and show thickness and nature of each stratu			
(a) DEDEODATIONS.	with at least one entry for each change of forma position of Static Water Level and indicate prin	tion. Repo	ort each o	hange in
(6) PERFORATIONS: Perforated?  Yes No.  Type of perforator used PACHOLY				
	MATERIAL	From	То	SWL
Size of perforations $\frac{1}{1}$ in by 5 in.	_ Sandy Cley _ Find Sand	- 8	<del>- 5</del>	
•	Sandstone	14:	$\frac{-1L}{16}$	8
perforations from ft. to ft.	Sand C: Small Gravel	16	20	
perforations from ft. to ft.	Sandstone	20	29	
(7) SCREENS: Well screen installed?   Yes   I No	Fractured Blue Rock	29	50	
Manufacturer's Name				
Type Model No.		ļ		
Diam. Slot size		<b>}</b>		
Diam. Slot size Set from ft. to ft.		<del>  </del>		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level Transfer in the control of the con				
Was a pump test made? Tyes No If yes, by whom? DETIMING				
Yield: $250$ gal./min. with $37$ ft. drawdown after 1 hrs.		<del>├</del>		
<i>" " "</i>				<del></del>
n n				
Bailer test gal./min. with ft. drawdown after hrs.		<del>  </del>		
Artesian flow g.p.m.			1	
Temperature of water 101 Depth artesian flow encountered ft.	Work started 5/27/30 19 Complet	ed 3/	29/80	) 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	3/	29/80	) 19
Well seal—Material used CHITTU	Drilling Machine Operator's Certification			
Well scaled from land surface to 20 ft.	This well was constructed under my	direct		
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.	above a	are true	to my
Diameter of well bore below seal	[Signed] /s/ Winfield Page	Data	3/20	26 at
Number of sacks of cement used in well seal	(Drilling Machine Operator)			
How was cement grout placed? PRINTSUR (EXOUR ID)	Drilling Machine Operator's License No.	<u>55</u>		
	Water Well Contractor's Certification:			
	This well was drilled under my jurisd	iction an	d this r	eport is
Was a drive shoe used? ♣ Yes □ No Plugs Size: location ft.	true to the best of my knowledge and be			
Did any strata contain unusable water?  Yes  No	Name PAGE ROLLINS DRILL (Person, firm or corporation)	LHC (T	pe or prir	t)
	Address A A COL 371 VALUE		011 97	
Type of water? depth of strata  Method of sealing strata off				
	[Signed] /S/ infield Face (Water Well Cont	ractor)		
Was well gravel packed? ☐ Yes ☐ No Size of gravel:			≅/207	, so
Gravel placed from ft. to ft.	Contractor's License No554 Date		212.	<u>., 19</u>

#### NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report

are to be filed with the WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310

#### WATER WELL REPORT

00 0 7

STATE OF OREGON

(Please type or print)

State Well No	
State Permit	No

within 30 days from the date of well completion. (Do not write above this line) (1) OWNER: NameOREGOH TRAIN  $\pm 0.3\mathrm{V}$   $\pm 7$ Address VATE, ORLIGO (2) TYPE OF WORK (check): Reconditioning [ Abandon [ New Well 🖫 Deepening [ If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): Rotary Driven 📙 Domestic | Industrial | Municipal | Jetted [ Irrigation 🗌 Test Well 🛅 Other Dug Bored [ (5) CASING INSTALLED: Threaded | Welded | "Diam from 0 ft. to 20 ft. Gage •250 " Diam. from ...... ft. to ..... ft. Gage ..... (6) PERFORATIONS: Perforated? 🗌 Yes 📮 No. Type of perforator used in. by Size of perforations perforations from ft. to perforations from ...... ft. to ..... ft. perforations from (7) SCREENS: Well screen installed? 

Yes To No Manufacturer's Name ...... Model No. ..... Diam. ..... Slot size ...... Set from ..... ft. to ..... ft. Diam. ...... Slot size ...... Set from ..... ft. to ..... ft. Drawdown is amount water level is lowered below static level (8) WELL TESTS: gal./min. with 1/1 ft. drawdown after Yield: Bailer test gal./min. with ft. drawdown after Artesian flow g.p.m. Temperature of water 5 Depth artesian flow encountered ..... (9) CONSTRUCTION: Well seal---Material used Well sealed from land surface to 20 Diameter of well bore to bottom of seal Diameter of well bore below seal .... Number of sacks of cement used in well seal How was cement grout placed? LEISSURI GROUTER Was a drive shoe used? Tyes I No Plugs ...... Size: location ...... ft. Did any strata contain unusable water?  $\square$  Yes  $\square$  No Type of water? depth of strata Method of sealing strata off Was well gravel packed? 

Yes No

(10) LOCATION OF WELL:	, <u>,</u>		
County Driller's well nu	mber		
55 4 S 4 Section 20 T. 18	R. 1: -		<b>W.M</b> .
Bearing and distance from section or subdivision	on corne	<u>r</u>	
(11) WATER LEVEL: Completed w	ell.		
	0		ft.
Static level 19 ft. below land s	urface.	Date 14/	<u> 10/8</u> 0
Artesian pressure lbs. per squar	e inch.	Date	
(12) WELL LOG: Diameter of well b	elow cas	_	1011
Depth drilled 30 ft. Depth of comple			
Formation: Describe color, texture, grain size a and show thickness and nature of each stratus with at least one entry for each change of format position of Static Water Level and indicate prin	m and action. <b>Rep</b> e	quifer pe ort each o	netrated, hange in
MATERIAL	From	То	SWL
Pop Soil	0	11.	
Rasalt Fractured Plue Rock		20 1:7	10
Blue Clay	1.7	80	
			<del></del>
			<del></del>
			<del></del>
Work started 4/10/60 19 Complete	ed 4,	/10/8	<u>) 19</u>
Date well drilling machine moved off of well	15,	<u>/10/8</u>	() 19
This well was constructed under my Materials used and information reported best knowledge and belief.  [Signed] S infield Page (Drilling Machine Operator)	above a	are true	to my
(Drilling Machine Operator)  Drilling Machine Operator's License No	<u>65</u>		
Water Well Contractor's Certification:	<u> </u>		
This well was drilled under my jurisdi		d this r	eport is
true to the best of my knowledge and believe to the best of my knowledge and believe the best of	TITCL		
(Person, firm or corporation) Address NF 2 DON 371 VALUE.		• • • • • • • • • • • • • • • • • • • •	-41
Address	( <b>T)</b> 0	pe or prii	7918

Contractor's License No. 564

Size of gravel:

ft. to

Gravel placed from

COPY

#### WATER WELL REPORT

STATE OF OREGON

(Please type or print)

State Well No	
State Permit No	o

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

(1) OWNER:	(10) LOCATION OF WELL:	•
Name ORUGO: WRAIT BUCCURORS DIVILOPINIE	County MANAGOR Driller's well nu	nber
Address VALE, OREGOL 9791.8	50 14 50 14 Section 20 T. 18	<b>к</b> . 45 <b>w.м</b> .
	Bearing and distance from section or subdivisio	n corner
(2) TYPE OF WORK (check):		
New Well 🕎 Deepening 🗌 Reconditioning 🗍 Abandon 🗌		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	<b>41</b> 1.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	35 <b>ft.</b>
Potonic To Division D		5 /2 0 /0
Cable	Static level 5() ft. below land su	irface. Date 6/19/0
Dug	Artesian pressure lbs. per square	inch. Date
(5) CASING INSTALLED: Threaded  Welded	(12) WELL LOG: Diameter of well be	elow casing
0 "Diam. from 0 ft. to 105 ft. Gage • 250	0110	
10 " Diam. from 0 ft. to 81 ft. Gage • 250	Depth drilled 250 ft. Depth of comple	
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratun	
	with at least one entry for each change of format	
(6) PERFORATIONS: Perforated? Tyes No.	position of Static Water Level and indicate princ	ipal water-bearing strata.
Type of perforator used <u>FACTORY</u>	MATERIAL	From To SWL
Size of perforations $\frac{3}{8}$ in. by $\frac{2}{2}$ in.	Drown Claystone	0 20
192 perforations from 82 ft. to 106 ft.	Prown Sandstone	20 28
perforations from	Brown Clay	28 50
perforations from ft. to ft.	Brown Sand Clay	50 85
	Blue Fractured Sandstone	85 <b>1</b> 02 30
(7) SCREENS: Well screen installed?   Yes   You	Blue Clay	102 250
Manufacturer's Name		
Type Model No		
Diam. Slot size Set from ft. to ft.		
Diam. Slot size Set from ft. to ft.		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level AG. TROS		<del></del>
—		
Was a pump test made? Tyes No If yes, by whom?		
Yield: 250 gal./min. with 35 ft. drawdown after 1 hrs.		
<i>"</i> " " " " " " " " " " " " " " " " " "		
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,		
Bailer test gal./min. with ft. drawdown after hrs.		
Artesian flow g.p.m.		
Temperature of water 22 (Depth artesian flow encountered ft.	Work started 6/07/80 19 Complete	1 6/19/80 19
	Date well drilling machine moved off of well	6/70/80 19
(9) CONSTRUCTION:		0/ 19/ 00
Well seal—Material used	Drilling Machine Operator's Certification:	Jim
Well sealed from land surface toft.	This well was constructed under my Materials used and information reported	
Diameter of well bore to bottom of seal $\frac{1}{2}$ in.	best knowledge and belief.	C 107 100
Diameter of well bore below seal	[Signed] /S/ /infield Pase I	)ate 5/22/09, 19
Number of sacks of cement used in well seal	Drilling Machine Operator's License No	65
How was cement grout placed? FRESURE GROUPED	Driming Machine Operator's Electise 110	
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdic	tion and this report is
West and the second sec	true to the best of my knowledge and beli	ef.
Was a drive shoe used? Tyes No Plugs Size: location ft.	Name PAGI PROTILIRS DRILLI	
Did any strata contain unusable water?   Yes   No	(Person, firm or corporation)	(Type or print) ORTGOT 97918
Type of water? depth of strata	Address RT 2 BOY 371 VALE,	ON 5001. 77510
Method of sealing strata off	[Signed]	
Was well gravel packed?   Yes No Size of gravel:	(Water Well Contra	ctor)
Gravel placed from ft. to ft.	Contractor's License No564; Date	<u>6/23/80</u> , 19

Epold to autonio Mendine, It me (Parlin) - Book 129-OBSERVATION WELL WATER WELL REPORT File Original and First Copy with the STATE ENGINEER, SALEM, OREGON STATE OF OREGON State Permit No. (1) OWNER: Drawdown is amount water level is lowered below static level (11) WELL TESTS: Name K.I. LOON15 Was a pump test made? Wes I No If yes, by whom? - What Lines Yield: 3 fc gal./min. with /2 ft. drawdown after (2) LOCATION OF WELL: gal./min. with Bailer test ft. drawdown after County MALHERR Owner's number, if anyg.p.m. Date Artesian flow 14 Section 2 | T. / 8 Temperature of water 60 Was a chemical analysis made? Yes 19 No Bearing and distance from section pr subdivision corner (12) WELL LOG: 44.6 Diameter of well Depth drilled ft. Depth of completed well 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 (3) TYPE OF WORK (check): hole to 40 feet New Well Reconditioning [ Deepening [] Abandon [ pandonment, describe material and procedure in Item 11. PROPOSED USE (check): (5) TYPE OF WELL: Rotary Driven Domestic | Industrial | Municipal | Cable Jetted Irrigation Test Well Other Dug Bored (6) CASING INSTALLED: Threaded [] 12 "Diam from Total ft. to 14.0 ft. Gage ....." Diam. from ...... ft. to ..... ft. Gage " Diam from ..... ft. to ..... ft. Gage .... (7) PERFORATIONS: Perforated? XYes DNo went Tonete Type of perforator used in. by SIZE of perforations perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. perforations from ...... ft. to ...... ft. perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Well screen installed 🔲 Yes 🙎 No (8) SCREENS: Set from Slot size Set from ft. to (9) CONSTRUCTION: Was well gravel packed? 🗌 Yes 💆 No Size of gravel: .... Manufacturer's Name Gravel placed from ...... ft. to ..... ft. Was a surface seal provided? [] Yes [] No To what depth? .... Material used in seal— Well Driller's Statement: Did any strata contain unusable water? 🗌 Yes 🕻 No This well was drilled under my jurisdiction and this report is Type of water? H-A D Depth of strata true to the best of my knowledge and belief. Method of sealing strata off (Type or print) (10) WATER LEVELS: ft. below land surface Date

Log Accepted by: [Signed] K. T. LOOM IS Date July 21, 1960

lbs. per square inch Date

Static level Artesian pressure Driller's well number

Hole name

LOCATION

Topograph

BLM quad.

Section U

Hole no. 185/45 E - 18 CB Date soudded April 1962
Inclination 90 PRESIDATE completed oct. 23 1962
Bearing
Total depth 1185 ft
Casing record 12 in dia steel presumably extends from 0-560 ft.
iole name Two States Oil & Gas well
LOCATION
Topographic quad. Vale East 71/2 1 x 2 quad. Boise
Other map
Section Nw 15w 2 21 Township 185 Range 45 E W.B.L. & M.
County MALHEUR Elevation 2225 feet 678 meters
Bearing and distance 3310 ft. S. of N line of section 21 \$ 660 ft. E. of W. line  Drilling Contractor Drilled originally by Harden & Company responses by Bayles Brys. Drilling Contractor Brys.
by Boyles Bros Drilling G. of Reno. Address
Orilling method For responsing - air rotary
Condition of hole Good to 1000 ft
Ground cover (vegetation) _ Com -Field
Slope orientation
Popographic setting Valley bottom @ foot of steep N- facing slope
eroundwater: Sil ~ 23 ft ~ 11/7/76 Flow -
Aquifers

Corrents: This how was drilled originally as an oil & gas test. The surface plug (0-18 ft) was drilled on 11/7/76 to permit temperature gradient measurements: The City of Vale plans to use the well for domestic water.

700m 3-1/54

# STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL IND...TRIES 1069 State Office Building Portland I, Oregon

See back of ball 19

## LOG AND CORE RECORD OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations pursuant to ORS 520. 095 (Chapter 667 OL 1953).

Operator Two-State Of	11 & Gas Commany,	Inc. Field	Yale area	<u> </u>	
Well No. Vale City M	<u>. 1</u>	Sec. 21	, т. <u>18 8</u>	R. 45 B	_W. R. S M.

#### FORMATIONS PENETRATED BY WELL

Top of ormstion	h to Bottom of Formation	Thickness	Drilled or Cored	Recovery	Description
			j	RILLER'S	oc
0	202	:	Drilled		Net recorded (Holloway Drilling Co.)
202	270				Seft blue milt.
270	420	•			Shale, blue, medium hard.
420	430				Sandy shale, blue, medium hard.
430	450				Sticky, soft, blue milt.
450	558		•		Shale, blue, medium hard.
5 <b>58</b>	560		•		Sand, grey, hard.
560	575	·	•		Sand, grey, medium hard, containing good flow of warm water.
5 <b>75</b>	635				Shale, with sandy streaks, blue, soft.
635	655		*		Shale, soft blue
655	765		•		Shale, sticky grey.
765	775				Shale, red, medium hard.
775	785		×		Rhyelite(?), red, hard.
785	<b>81</b> 5		. #		Basaltie rock and shale, reddish soler, hard.
<b>21.</b> 5	825				Shale, blue, medium hard to hard.
825	850		10		Shale, dark grey, medium hard.
<b>\$</b> 50	870				Baselt, hard, black.

Form 3 1/54

#### STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 1069 State Office Building Portland l, Oregon

### LOG AND CORE RECORD OF OIL OR GAS WELL (Submit in duplicate)

to compliance with rules and regulations pursuant to ORS 520, 095 (Chapter 667 OL 1953).

Operator	Two-State	011 4 0	Gas Company,	Inc.	Field		
Well No.	Vale City	No. 1		Sec.	Т	R	W.B. & M.

FORMATIONS PENETRATED BY WELL							
Dept Top of formation	h to Bottom of Formation	Thickness	Drilled or Cored	Recovery	Description		
			DRI	LLER'S LOO	(Cont.)		
870	<b>87</b> 5		Drilled		Rhyolite (?), red, hard.		
875	918	o	- <b>H</b>		Basalt, black, hard, with veins of quart		
918	925		12		Red volcenic rock, hard.		
925	944		п		Basalt, hard, dark grey.		
944	955		Ħ		Shale, red sticky, medium hard.		
955	9 <b>8</b> 0		Ħ		Basalt, black, some weathered, some hard		
9 <b>8</b> 0	1010		•		Basalt, black, hard.		
1010	1025		•		Basalt, grey, hard.		
1025	1045		ist.		Shale (serpentine), green, medium hard, sticky.		
1065	1.095		×		Shale, rad, sticky, soft.		
1095	1148		Nr.		Shale, greenish, soft, very sticky.		
1148	1160		•		Sand, white, soft.		
1160	1185	T.D.	<b>≱</b>		Shale, green, very sticky, soft.		
				Principal Princi			
				- The state of the			

## TWO STATE OIL & GAS COMPANY

Vale City Ho. 1

Sec. 21, 7. 18 S., R. 45 E.

Malheur County, Oregon

### Descriptions of Well Samples

0 - 2021	Not recorded (Hollowsy Drilling Co.)
202 - 260	Blue silt: soft (Harden & Co., Drilling contractor)
260 - 280	Sandstone: whitish gray, silty, very fine grained, firm.
280 - 300	Sandstone: whitish gray, silty fine, with scattered coarse fragments of basalt and gray chert, Slightly calcareous.
300 - 340	Sandstone: as above.
340 - 400	Siltstone: light gray, firm,
1,00 - 420	Sandstone: whitish gray, fine to medium grained, quartaose, firm, containing coarse fragments of rounded basalt, some pyritisation.
१४० - १५०	Sandstone: similar to above but siltier.
1440 - 1880	Siltatone: light gray, firm, slightly calcarsous, with occasional fragments of basalt, some pyrite.
180 - 540	Siltetone: whitish gray, firm, no basalt fragments.
540 - 550	Sandstone: light rust brown, hard, silicified, quartacee, some feldspar and scatterd subrounded pieces of basalt.
550 <b>- 56</b> 0	Sandstone: whitish gray, friable, quartsose, subrounded grains, sedium grained, some feldspar, some calcite and scatterd pieces of basalt and gray chert. Fairly calcareous.
560 - 500	Sandstone: as above but with fragments of volcanic glass, some pyrite.
600 - 620	Sandstone: light gray to light brown, hard to firm, medium grained to silty, composed of subrounded grains of quarts and feldspar. Scattered pieces of basalt and large quartz grains. Partly silicified.

## Two State Oil & Gas, Malheur County

620 - 640°	Sandstone: whitish gray, fine grained, silty, firm, with occasional medium sixed fragments of basalt.
óbn = 660	Sandstone: light brown, hard, medium grained, silicified, composed of quarts and feldspar. Scattered pieces of basalt.
660 - 730	Siltstone: light gray, fine sandy, firm, with scattered fine pieces of basalt.
730 - 740	Sandstone: light brownish gray, hard, silicified, quartzose, with medium sixed pieces of basalt,
740 <b>-</b> 760	Siltstone: light gray, fire to very fire.
760 <b> 88</b> 0	Baselt: black, hard, microcrystalline, with clivine, some quarts and some calcite.
830 - 920	Baselt: as above but with some quarts veinlets bearing pyrite, also some calcite in the veinlets.
920 - 950	iltered Basalt: dark pinkish gray, with quarts and calcite veinlets, some pyrite, some chloritisation.
950 🗝 70	Basalt: black, hard, microcrystalline with very little quarts or calcite.
9 <b>7</b> 0 <b>~ 980</b>	Sandstone: grayish black, friable, medium grained, basaltic, containing some quartz and calcite.
980 <b> 1030</b>	Basalt: black, hard, microcrystalline, with fine veinlets of quarts, some calcite.
2030 - 2070	Siltatone: whitish green, friable, partially altered to clay. Some scattered fragments of baselt ranging from coarse to pebble sixe.
1070 = 1080	Shale: graylah black, with inclusions of light green siltatone.
1080 = 1090	Siltatone: whitish green, firm, partially altered to clay, with medium to coarse friable sand composed of quarts, feldspar and basalt fragments.
1090 = 1130	Sandstone: medium grzy, friable to firm, with some coarse basalt fragments. Partially comented with lime and silica. Some thin layers of white siltstone interbedded.

### Two State Oil & Cas, Malheur County

1130 - 1110	Sandstone: as above, some gypsum.
1110 - 1160	Sandstone: we above, with gypsum, some volcanic glass, limier than above,
1160 - 1170	Altered Sasalt: dark pinkish gray, firm, quart veining, partly chleritised.
1170 -1185 то	Sandstone: medium gray, friable, medium grained, limy, quartaose, with fragments of the above described basalt.

Samples described by V.C. Newton Jr., Petroleum Engineer, State of Oregon Department of Geology and Mineral Industries.

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No	
State Parmit No.	

(1) OWNER:	(10) LOCATION OF WELL:			
Name Signal Con 49	County 114 L/124 & Driller's well no	ımber		
Address Milarii (Millianii)	56 45E 4 Section 2/ T. 185 R. 4.5E W.M.			
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	on corne	er	
New Well				
If abandonment, describe material and procedure in Item 12.	(11) MARIE A PRIME CONTRACT	- 17		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	eII.		
Findens C Water	Depth at which water was first found			ft.
Cable   Jetted   Domestic   Industrial   Municipal   Dug   Bored   Irrigation   Test Well   Other	Static level 5 (- ft. below land s  Artesian pressure lbs. per squar			9-77
CASING INSTALLED: Threaded   Welded	(12) WELL LOG: Diameter of well b	nelow ca	sing	6"
	Depth drilled // ft. Depth of compl			ft.
	Formation: Describe color, texture, grain size a			
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratur	n and a	quifer pe	netrated,
PERFORATIONS: Perforated? Yes   No.	with at least one entry for each change of formation of Static Water Level and indicate prin			-
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations 3/6' in. by 3 in.	5 5 c i L	<b>A</b>	1	
120 perforations from 53 ft. to 63 ft.	3 1/	<del></del>		
perforations from ft. to ft.	CEMENT GRAVEL	2	16-	
perforations from ft. to ft.				
(7) SCREENS: Well screen installed? Yes 7 No	CLAY BROWN	16	5/	
Manufacturer's Name	SANDY-GRAIL	5-7	55	28
Type Model No.	CHALL MEDIUM	59	13	55
Diam. Slot size Set from ft. to ft.				
Liam. Slot size Set from ft. to ft.	CLAY BROWN	63	70	55
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	CLAUBLUC.	40	100	56
Was a pump test made? MYes No If yes, by whom?				
eld: 4 C gal./min. with 3 1 ft. drawdown after 9 hrs.		ļ <u>.</u>		ļ
, , , , , , , , , , , , , , , , , , , ,		<b> </b>	ļ	<del></del>
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,		<del> </del>	<del> </del>	
Easter test gal/min. with ft. drawdown after hrs.		<del> </del>	<del> </del>	
Artesian flow g.p.m.				
imperature of water 56, Depth artesian flow encountered ft.	Work started [ 1971 Complete	ed <b>/</b> ~	-1.	1974-
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u>6 -</u>	5	19/
Well seal-Material used B. NTONITE	Drilling Machine Operator's Certification:			. ,
Well sealed from land surface to 26 ft.	This well was constructed under my			
Diameter of well bore to bottom of seal, in.	Materials used and information reported best knowledge and belief			-
Diameter of well bore below sealin.	[Signed]// L. Ha-Challett	Date(	6-2	D19.7
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator		00	.,
Number of sacks of bentonite used in well scal sacks	Drilling Machine Operator's License No.		<u> </u>	
Brand name of bentonite NATICNAI-	Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons	This well was drilled under my jurisd	ction a	n <b>d th</b> is r	report is
was a drive shoe used? [4 Yes [] No Plugs Size: location ft.	true to the best of my knowledge and bel	ief	$\alpha$	
Did any strata contain unusable water? Tyes No	Name (Person, tirm or corporation)	11140	vpe or pri	nt) *
Type of water? depth of strata	Address Address	Ni	36	<i>N</i>
	00001111-111	, ),	/	I
Method of sealing strata off  Was well gravel packed?   Yes D No Size of gravel:	[Signed]	L TCL	1	
	Contractor's License No. / Date Date	1 1	1	10/1/2
Gravel placed from ft. to ft.	1 Contractor's Literise No A. A Date			19.7

# The original and first core of this report are to be filed with the OCT 13 1972 STATE OF OREGON

STATE ENGINEER, SALEM. OF SON 97310 ENGINEEP se type or print) within 30 days from the date

State	Well	No.	
-------	------	-----	--

of well completion. SALEM OF Do not write ab	ove this line) -mote wouldy listed as payer of taxese		
(1) OWNER: ARIE P. SMIT, JR.	(10) LOCATION OF WELL:	7	<del></del>
	County Malheur Driller's well no	ımhan	
Name // Edmand //liter	SE 14 SE14 Section 2/ T. 185		
Address			<u> W.M.</u>
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	on corner	
New Well Deepening Reconditioning Abandon Reconditioning Abandon Reconditioning In Item 12		<del></del>	
It abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found		39 ft.
Rotary Driven Domestic Municipal Domestic Industrial Municipal D	Static level 34 ft. below land s	urface. Da	te 9-207
T : Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per squar	e inch. Da	te
j) CASING INSTALLED: Threaded □ Welded	(12) WELL LOG: Diameter of well by	colour essins	. 6
6 " Diam. from 0 ft. to 37/2 ft. Gage . 250	Depth drilled #0 ft. Depth of compl	-	1/0 #
" Diam. from ft. to ft. Gage	<del></del>		7 11.
Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum		
	with at least one entry for each change of forma	tion. Report	each change in
Perforated? Tyes W No.	position of Static Water Level and indicate prin	cipal water-	bearing strata.
Type of perforator used	MATERIAL	From	To SWL
Size of perforations in. by in.	top soil	0 3	?
perforations fromft, toft.	brown sandyllay	3 1	4
perforations from ft. to ft.	Saft pandy glay	11 3	7 27
perforations from ft. to ft.	Sticky grey Clary	37 3	7
(7) SCREENS: " Well screen installed? ☐ Yes ☐ No	Sand " Some Small Guy	109 9	10 W/B.
(7) SCREENS: Well screen installed?  Yes No		<del> </del>	
Type Model No.			
D <sub>i</sub> am Slot size Set from ft. to ft.		<b></b>	
D.am Slot size Set from ft. to ft.		<del></del>	
Digital State and Section 1			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
Was a pump test made?   Yes   No If yes, by whom?			
d: gal./min. with ft. drawdown after hrs.			
Beiler test /2 gal./min. with 27 ft. drawdown after / hrs.			
sian flow g.p.m.			
nperature of water L. Depth artesian flow encountered ft.	Work started 9-20 19/2 Complete	ed 9-2	1972
(9) CONSTRUCTION:	Date well drilling machine moved off of well	9-2	<u>197</u> 2
Well seal-Material used Clment	Drilling Machine Operator's Certification:		
Well sealed from land surface to ft.	This well was constructed under my Materials used and information reported	direct s	upervision.  true to my
Diameter of well bore to bottom of seal	best knowledge and belief.		
Diameter of well bore below seal	[Signed] (Drining Machine Operators)	Date 10-	12,1972
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)		
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.	TT W	
Brand name of bentonite	Water Well Contractor's Certification:		
Number of pounds of bentonite per 100 gallons			Alada wasani da da
of water lbs./100 gals.	This well was drilled under my jurisd true to the best of my knowledge and bel	ief.	inis report is
Was a drive shoe used? [] Yes Plugs Size: location ft.	Name VAGE Bros. Dri	TING	
Die any strata contain unusable water?   Yes No	Diperson, firm or cornoration)	(Type	or print)
Type of water? depth of strata	Name (Figerson, fiper or composition) Address 77.2 - BX 27 V.C.	10,0	re,
Me hod of sealing strata off	Del 1 11/ A.	r/m	
Was well gravel packed? [] Yes [] No Size of gravel:	[Signed] (Water Well Contr	actor	
Gravel placed fromft. toft.	Contractor's License No.5 64 Date		ک <u>ہ 19</u> 25
		,	

The original and first copy water well REPORT The original and first dopyl of this report are to be filed with the State Well No. 18/45-22 E STATE ENGINEER, SALEM, OREGON 173101 3 STATE OF OREGON within 30 days from the date of well completion State Permit No. ..... Drawdown is amount water level is lowered below static level (1) OWNER: (11) WELL TESTS: Was a pump test made? TYes \( \subseteq \) No If yes, by whom?  $f_2 + \iota u$ gal./min. with SU ft. drawdown after 4 1 (2) LOCATION OF WELL: Bailer test gal./min. with ft. drawdown after County Malhuer Driller's well number Artesian flow g.p.m. Date Ju 14 Nu 14 Section 22 T. 195 R. 45E Temperature of water & & Was a chemical analysis made? Tyes Bearing and distance from section or subdivision corner (12) WELL LOG: Diameter of well below casing 22 ft. Depth of completed well 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 (3) TYPE OF WORK (check): 26 Well 🖵 Deepening [ Reconditioning [ Abandon [] If an and onment, describe material and procedure in Item 12. 15 (5) TYPE OF WELL: (4) PROPOSED USE (check): 40 Rotary 🗗 Driven 🗌 Domestic [] Industrial [] Municipal Cable Jetted [ Irrigation ( Test Well Other Dug  $\Box$ Bored [ (6) CASING INSTALLED: Threaded | Welded | 12 % " Diam from Q ft, to Zo ft, Gage - 450 15 (7) PERFORATIONS: Perforated? Tyes No Type of perforator used perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ 2.166 perforations from: 35 ft. to 20 ft. to ..... ft. ..... ft. to ...... ft. perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. (8) SCREENS: Well screen installed? □ Yes □ No nufacturer's Name ..... Diam. Slot size Set from ft. to ft. Work started 14/ 10 19 65 Completed 12/10 194 Diam. Slot size ...... Set from ...... ft. to Date well drilling machine moved off of well (9) CONSTRUCTION: (13) PUMP: Well seal-Material used in seal Rentont Depth of seal \_\_\_\_\_\_ ft. Was a packer used? \_\_\_\_\_ Diameter of well bore to bottom of seal . \_\_\_\_\_in. Water Well Contractor's Certification: Were any loose strata cemented off? Tyes Tho Depth ... This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was a drive shoe used? ☐ Yes ☐ No Was well gravel packed? TYes No Size of gravel: NAME (Person, firm or corporation) (Type or print) Gravel placed from 2 e ft. to ..... Old any strata contain unusable water? [] Yes [] No Type of water? Method of sealing strata off Drilling Machine Operator's License No. 272 (10) WATER LEVELS: Static level ft, below land surface. Date Contractor's License No. 385 Date 12/23 194 Artesian pressure lbs. per square inch. Date

State Well No. 18/4	5-22 F
---------------------	--------

of well completing and the first of the control of the completing and the control of the control	State Petinit No.	
(1) OWNER: Name Allandal: FARMS	lowered below sta	
	Was a pump test made? Tes No If yes, by	
Address Wilder Lanks	Yield: 100 gal./min. with 140 ft. dra	wdown after 1888
(a) I ocumion on weit	" "	и
(2) LOCATION OF WELL:		rawdown after has
County MALhung Driller's well number 186	Artesian flow g.p.m. Date	awdown arter
52 14 NW 14 Section 22 T. 185 R. 45 E W.M.		lysis made?  Yes
Bearing and distance from section or subdivision corner	4.00	
	(12) WELL LOG: Diameter of well below	ow casing
	Depth drilled ft. Depth of complete	d well 15K ft
	Formation: Describe by color, character, size of me show thickness of aquifers and the kind and natur stratum penetrated, with at least one entry for ea	re of the material in eaci
	MATERIAL	FROM TO
(3) TYPE OF WORK (check):	0	
Well → Decpening □ Reconditioning □ Abandon □	Clay Blown	0 23
If apandonment, describe material and procedure in Item 12.	Clara Block - Red	45 47
(I) PROPOSITE VIGIN (I. I.)		47 × i
(4) PROPOSED USE (check): (5) TYPE OF WELL:	gavei levack fini	6, 7
Domestic   Industrial   Municipal   Rotary   Driven   Cable   Jetted	Play line	87 83
Irrigation Test Well Other Dug Bored	Simil Course Blevely & White	93 100
(6) CASING INSTALLED: Threaded  Welded	(02. (1))	100 103
Threaded   Welded   W	Sand Cours a hisall	133 1/2
7	GAC VLF	1/2 1/5
" Diam. from	Elly orly some	45-13-
	Sun! Course blue gray, while	
(7) PERFORATIONS: Perforated? ☐ Yes ☐ No	heilan	135 (2)
Type of perforator used Machine ( )	Clay stry	136 141
Size of perforations 1/2 in, by 4 in.	Clar gray Soft Souly	141 141
perforations fromft. toft.	Good Hill Colores	146 15-2
3/20 perforations from 2 % ft. to 137 ft.	71012	15-2 15-6
perforations from ft. to ft.	Elay	156 114
perforations from ft. to ft.		
ft. to ft.		
(8) SCREENS: Well screen installed? [] Yes + No		· · · · · · · · · · · · · · · · · · ·
nufacturer's Name		
Model No		
Diam Slot size Set from ft. to	Work started 12/5 1965 Completed	13/33 1945
Diam. Slot size Set from ft. to ft.	Date well drilling machine moved off of well {}	
(9) CONSTRUCTION:	(13) PUMP:	
Well seal-Material used in seal Santaut	Manufacturer's Name	
Depth of seal 25 ft. Was a packer used?	Type:	
Diameter of well bore to bottom of sealin.		11.F
Were any loose strata cemented off? Yes No Depth	Water Well Contractor's Certification:	
Was a drive shoe used? ☐ Yes ☐ No	This well was drilled under my jurisdict	tion and this report is
Was well gravel packed? □ Yes □ No Size of gravel: ''	true to the best of my knowledge and belief.	•
Gravel placed from & ft to 1.5 F ft.	NAME Off Ellow, RITE	
Did any strata contain unusable water?  Yes 4-No	NAME The Elisw. 13 h	(Type or print)
Type of water? depth of strata	Address 421 Triand C.C.	URLSON
Method of sealing strata off	·	•
	Drilling Machine Operator's License No	781
(10) WATER LEVELS:	[Signed]	
Static level 12 ft. below land surface Date	[Signed]	etor)
Artesian pressure lbs. per square inch. Date	Contractor's License No. 328 Date 12	

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State	Well	No.	182	45	5	222-	•

State	Well No.	102	170	 30,0
State	Permit 1	Nο		

(1) OWNER:	(10) LOCATION OF WELL:	
Name STEVE USSING	County MALHEUR Driller's well numb	per
Address VALE, OREGON 97918	HE 14 SE 14 Section 22 T. 18 R.	1.5 w.m.
(a) MADE OF MODE ( ) I)	Bearing and distance from section or subdivision	corner
(2) TYPE OF WORK (check):		
New Well A Deepening Reconditioning Abandon Reconditioning Abandon		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 18	}ft.
Rotary II Driven   Domestic II Industrial   Municipal	Static level 12 ft. below land surf	ace. Date 5-17-79
Dig Bored Irrigation Test Well Other	Artesian pressure lbs. per square in	nch. Date
5) CASING INSTALLED: Threaded Welded \( \frac{1}{2} \) \( \frac{1}{2} \) Wilded \( \frac{1}{2} \) \( \	(12) WELL LOG: Diameter of well below the described of the Depth of completed formation: Describe color, texture, grain size and and show thickness and nature of each stratum with at least one entry for each change of formation position of Static Water Level and indicate princip	d well 25 ft. structure of materials; and aquifer penetrated, h. Report each change in
,		
Size of perforations 1/8 in. by 3 in.		From To SWL
Size of perforations $1/0$ in. by 3 in.  280 perforations from 20 ft. to 25 ft.	Fine Sandy Soil Medium Sand	0 18
perforations from ft. to ft.	110 C.Lum Danc	
perforations from ft. to ft.		
(7) SCREENS: We'll screen installed?   Yes   KNo	US 22 1	
(1) SCREENS: Well screen installed?  Yes  No Minufacturer's Name '	JAN 91:	1007
Type Model No.	WATED BOSCOR	IC CITY.
Diam. Slot size Set from ft. to ft.	Gal true de	CES DEF
Diam. Slot size Set from ft. to ft.	- Land of a land	ZGU/N
(8) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made? Yes XNo If yes, by whom?	RECEIVED	
•		
Yield: gal./min. with ft. drawdown after hrs.	OCT 25 1979	
, , , , , , , , , , , , , , , , , , ,	WATER RESOURCES DEPT	
Bailer test 10 gal./min. with 15 ft. drawdown after 1 hrs.	SALEM, OREGON	
Artesian flow g.p.m.		
Tomperature of water 66 Depth artesian flow encountered ft.	Work started 5-17-1979 Completed	5-17- 1979
	Date well drilling machine moved off of well	5-17- 47)
(9) CONSTRUCTION:		
Well seal—Material used COHORT  Well sealed from land surface to 20 ft.  Diameter of well bore to bottom of seal 10 in.	Drilling Machine Operator's Certification:  This well was constructed under my di Materials used and information reported ab- best knowledge and belief	ove are true to my
Diameter of well bore below seal in.	[Signed] My Date Date Date Date Date Date Date Date	te 6-10-, 19 79
Number of sacks of cement used in well seal	Drilling Machine Operator's License No	65
How was cement grout placed?		
Pressure Grouted	Water Well Contractor's Certification:	
Was a drive shoe used? ∰ Yes □ No Plugs Size: location ft.  Dic any strata contain unusable water? □ Yes ∰No	This well was drilled under my jurisdiction true to the best of my knowledge and belief.  Name PAGE BROTHERS DRILLIN	[G
Type of water? depth of strata	Address RT 2 BOX 371 VALE,	ORIGON 97918
Me had of sealing strata off	0/: 1: 11	_
	[Signed] ## (Water Ve) Contractor	Tel .
	Contractor's License No. 564 Date	
(USE ADDITIONAL SH	(EETS IF NECESSARY)	SF*45656-119

NOTICE TO WATER WELL CONTRACTOR  The original and first copy of this report are to be WATER WE	LL REPORT	9
of this report are to be filed with the STATE OF STATE OF STATE OF STATE ENGINEER, SALEM, OREGON 97310 E (Please type within 30 days from the date of well completion.	OREGON State Well No.	
STATE ENGINEER, SALEM, OREGON 97310 F A (Please type within 30 days from the date of the same of the s	e or print)	
of well completion.	State Permit No.	
(1) OWNER:	(11) LOCATION OF WELL:	
Vame Derrich Charles	County Mr. L Driller's well number	
Address Mill Cole en	NE 14 NE 4 Section 24 T. 185 R. 415 1 W.	M.
rudiess , , , , , ,		
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner	
New Well   Deepening   Reconditioning   Abandon		
If abandonment, describe material and procedure in Item 12.		—
	,	—
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(12) WELL LOG: Diameter of well below casing	
Cable Jetted Domestic Industrial Municipal D	Depth drilled 13 7 ft. Depth of completed well 13 7	ft.
Dug	Formation: Describe color, texture, grain size and structure of material	ls:
CASING INSTALLED: Threaded Welded	and show thickness and nature of each stratum and aquifer penetrate	ed,
4 Diam from O ft to 74/ ft Gage 250	with at least one entry for each change of formation. Report each chan in position of Static Water Level as drilling proceeds. Note drilling rate	
Diam, from ft, to ft. Gage	<del></del>	
Diam. from ft. to ft. Gage	MATERIAL From To SWI.	
Diam. Hom It. Gage	the act	
) PERFORATIONS: Perforated?   Yes   No.	Comerce Frank 1 12	
e of perforator used	Brown Clay 12 48	
Size of perforations in. by in.	Service 48 32	
perforations from ft. to ft.	Anown class, 43 64	
perforations from	esection sory v class 64 71	
perforations from ft. to ft.	flue the 71 133	—
perforations from ft. to ft.	Blive sant chine 133 133	77
perforations from the total ft.	Bur 135 13/+75	-
perrogations from		
(7) SCREENS: Well screen installed? [] Yes LINO		
Manufacturer's Name		
Type Model No		•
Diam. Slot size Set from ft. to ft.		
Diam. Slot size Set from ft. to ft.		-
(O) WAMED LEWIN O. L. I. II		
(8) WATER LEVEL: Completed well.		
tt. below land surface Date 4 /24/7c.		
sian pressure lbs. per square inch Date		
(9) WELL TESTS: Drawdown is amount water level is		_
lowered below static level		_
Was a pump test made? ☐ Yes ☑ No If yes, by whom?	Work started 5 /25 19 70 Completed 4 / 2 5 197	 7
ld: gal./min. with ft. drawdown after hrs.		-
" " "	Date well drilling machine moved off of well 3 197	ري
" " " " " " " " " " " " " " " " " " " "	Drilling Machine Operator's Certification:	
Ealler test / () gal./min. with 3 5 ft. drawdown after 2 hrs.	This well was constructed under my direct supervision. Mate	
	rials used and information reported above are true to my be knowledge and belief.	:st
Artesian flow g.p.m. Date		'/\
Temperature of water 17 /// Was a chemical analysis made? [] Yes No	[Signed] Date Date Date Date Date Date Date Date	Ç?
(10) CONSTRUCTION:	(.5	
Well seal-Material used Bulling Thinks	Drilling Machine Operator's License No.	••••
Lepth of seal 16 tt	Water Well Contractor's Certification:	
Liameter of well bore to bottom of seal	This well was drilled under my jurisdiction and this report	is
Were any loose strata cemented off?  Yes No Depth	true to the best of my knowledge and belief.	-
Was a drive shoe used? 🗹 Yes 📋 No	NAME WELL ENN Hay Sell	
Lid any strata contain unusable water?  Yes No	(Person, firm or corporation) (Type or print)	
	Address 365 Nov 11 M. Vale are	
Type of water? depth of strata	SIN NOW MAN	
Method of sealing strata off	[Signed] Stinnel Hyll	
Was well gravel packed?   Yes   No   Size of gravel:	(Water Well Contractor)	
Gravel placed from ft. to ft.	Contractor's License No.3 96 Date 6/2 1971	0

#### NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date

WATER WELL REPORT STATE OF OREGON

JUNE 1 (Please type or print)
(Bo have rite above this line)

G						
State Well No.						

(1) OWNER:    County   March	of well completion.  STATE EN	above this line) State Permit No.
Cause Millions    March   Marc	SALEM OF	(11) LOCATION OF WELL:
Marria   M		1
Desperation		
(2) TYPE OF WORK (check):    distinctionment, describe material and procedure in from 12   distinctionment described in trincipal in the foliage of the first of the f		
Case	(2) TYPE OF WORK (check):	bearing and distance from Section of Subdivision corner
(2) TYPE OF WELL  (4) PROPOSED USE (check): Domestic	New Well Deepening Reconditioning Abandon	
Dame to   Driven   Dome to   Industrial   Municipal   Depth of complete   Depth of c	Ii abandonment, describe material and procedure in Item 12.	
CASING INSTALLED:  The response of the total of the particles of the control of the control of the particles of the control of the cont	Rotory C Driven C	(12) WELL LOG: Diameter of well below casing
CASING INSTALLED: Threaded   Welded   Diam from	Cable Jetted   Domestic Industrial   Municipal	Depth drilled & 6 ft. Depth of completed well & 6 ft
PERFORATIONS:  Perforations  In by in perforations from fi to fi perforations is unadartically fill perforations from fi to fi perforations is unadartically fill perforations from fi to fi perforations from fi perforations from fi to fi perforations from fi perforations from fi to fi perforations from fi perforations from financial perforation	CASING INSTALLED: Threaded Welded December 257	and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change
PERFORATIONS: Perforated   Yes   No.   Cof perforator used   12 3 3 4 4 6		MATERIAL From To SWI
got perforations in by in.  perforations from fit to ft ft perforations from fit to ft ft perforations from fit to ft	" Diam from ft. to ft. Gage	top seil 0 6
Size of perforations in by in perforations from the to the perforations from the perforation from the perforations from the perforation from the per	PERFORATIONS: Perforated?   Yes   No.	Sand story 6 12
perforations from ft. to ft. perforations perforations from ft. to ft. perforations from ft. perforations		Brown Glass 1238
perforations from ft. to ft. perforations for ft. perforation ft. perforations from ft. to ft. perforations ft. perforation	Size of perforations in. by in.	Jan stored 38 40
perforations from ft. to ft. perforation ft. perforation ft. to ft. perforation ft. perfora		med: 100 (11
perforations from ft. to ft. perforations ft. perforations ft. perforations ft. perforation ft. perforations ft. perforation ft. per	•	Their class
Competence   Com	*	John sone
Note   National Contractors   Name   Note	perforations from ft. to ft.	
Manufacturer's Name  Type  Model No  Diam Slot size Set from ft. to ft.  (8) WATER LEVEL: Completed well.  The level 3 C ft below land surface Date \$\frac{1}{3}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}\frac{1}{4}\frac{1}{4}	perforations from ft. to ft.	
Model No.   Claim   Slot size   Set from   ft to   ft	(7) SCREENS: Well screen installed? U Yes WNo	
Signed   Signed   Set from the control of the con	Manufacturer's Name	
Sold size   Set from   ft. to   ft.	Type Model No Model No	
(8) WATER LEVEL: Completed well.  10	Litam Slot size Set from	
Section   Sect	Luam Slot size Set from ft. to ft.	
Section   Sect	(8) WATER LEVEL: Completed well	
Specific contents   Spec	- · · · · · · · · · · · · · · · · · · ·	
WELL TESTS:   Drawdown is amount water level is lowered below static level   Vas a pump test made?   Yes   No   If yes, by whom?		
Work started 5 19 70 Completed	The second secon	
Work started 5 19 70Completed 5 19 70Com	(9) WELL TESTS: Drawdown is amount water level is lowered below static level	
Date well drilling machine moved off of well 5 1976  Date well drilling machine moved off of well 5 1976  Drilling Machine Operator's Certification:  This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  [Signed]	Was a pump test made? Yes No If yes, by whom?	
Drilling Machine Operator's Certification:  This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  [Signed]	gal /min. with ft. drawdown after hrs.	Work started 5-6 19 70 Completed 5-6 1976
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  Temperature of water Was a chemical analysis made?   Yes   No    (10) CONSTRUCTION:  Well scal—Material used	" " "	Date well drilling machine moved off of well 5 / 5 1976
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  Temperature of water Was a chemical analysis made?   Yes   No    (10) CONSTRUCTION:  Well scal—Material used	" " " " "	Drilling Machine Operator's Certification:
Reference of water   Was a chemical analysis made?   Yes   No   Size of gravel:   Knowledge and belief.   Signed   Construction   Signed   Construct	Failer test / ) gal/min, with 7/2 ft drawdown after / hrs	This well was constructed under my direct supervision. Mate-
Temperature of water   Was a chemical analysis made?   Yes   No	,	
Well seal-Material used  Cepth of seal  Cepth of se		[Signed] 1.1.7 1000 Date 5/10, 1976
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.  Was a drive shoe used? Yes No  Lid any strata contain unusable water? Yes No  Type of water?  Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  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 Andrews Address Andrews And	(10) CONSTRUCTION:	(Diffling Machine Operator)
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Was a drive shoe used? Yes No  Lid any strata contain unusable water? Yes No  Type of water? depth of strata  Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  NAME And Person, firm or corporation (Type or print)  Address And Size of gravel:	Well scal-Material used Italian Music	Diffing Machine Operator's License No.
Were any loose strata cemented off?   Yes   No Depth  Vias a drive shoe used?   Yes   No  Lid any strata contain unusable water?   Yes   No  Type of water?   depth of strata  Method of sealing strata off  Was well gravel packed?   Yes   No Size of gravel:  true to the best of my knowledge and belief.  NAME	Lepth of seal 18 tt.	Water Well Contractor's Certification:
Vias a drive shoe used?   Yes   No  Lid any strata contain unusable water?   Yes   No  Type of water?   depth of strata  Method of sealing strata off  Was well gravel packed?   Yes   No   Size of gravel:    NAME   Gerson, firm or corporation   (Type or print)	· · · · · · · · · · · · · · · · · · ·	
Type of water? depth of strata  Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  Address 365 No. 11  [Signed] 12  (Water Well Contractor)	Was a drive shoe used? Yes No	
Method of sealing strata off  Was well gravel packed? Yes No Size of gravel:  [Signed] Lenn Hollsell  (Water Well contractor)	Leid any strata contain unusable water?   Yes   No	210 11/1/1/2/0 1000
Was well gravel packed? Yes No Size of gravel: (Water Well Contractor)	Type of water? depth of strata	Audiess on the file of the fil
Was well gravel packed? [] Yes   No   Size of gravel: (Water Well Contractor)	Method of sealing strata off	(Signed) Lenn Affisell
200	Was well gravel packed? [] Yes [ No Size of gravel:	
	Gravel placed from	Contractor's License No 3 96 Date 5 10 1970

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date

# WATER WELL REPORT CEIVED

1000	
STATE OF OREGON (Please type or print)	State Well No.
(Please type or print)	
(Do not write above this life) ATE ENGINEER	State Permit No.
بالمراجع معلومهم ومن الوارمسوال في ومن	

of well completion. (Do not write at	SALEM OPECON	•					
(1) OWNER:	(10) LOCATION OF WELL:						
Name ROBERT BUTLER	County Malhaur Driller's well no	ımber					
AddresVALT, CREGON 97919	N. N N .E 14 Section 28 T.18S R.45E W.M.						
(a) TUDE OF MODE (1 1)	Bearing and distance from section or subdivisi	on corner					
(2) TYPE OF WORK (check):							
New Well  ☐ Deepening ☐ Reconditioning ☐ Abandon ☐							
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.					
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	249 st.					
Rotary □ Driven □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Static level 15 ft. below land s	urface. Date 1/1/71					
Dug   □   Bored   □   Irrigation   □   Test Well   □   Other   □	Artesian pressure lbs. per squar	e inch. Date					
CASING INSTALLED: Threaded Welded X	(12) WELL LOG: Diameter of well 1	pelow casing6					
6 "Diam. from 1 ft. to 33 ft. Gage • 250	Depth drilled 255 ft. Depth of compl						
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size	and structure of materials;					
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratuments with at least one entry for each change of forma						
) PERFORATIONS: Perforated? Tyes of No.	position of Static Water Level and indicate prin	-					
Type of perforator used	MATERIAL	From To SWL					
Size of perforations in. by in.	Sandy Clay	0 10					
perforations from ft. to ft.	Sandstone	10   23					
perforations fromft. toft.	Med. Sand	23 30					
perforations from ft. to ft.	Yellow Clay	30 113					
(7) SCREENS: Well screen installed? Yes I No	Fine Sandstone	43 56					
Manufacturer's Name well screen installed? If Yes XI No	Siltstore	56 60					
'Type	Factured Sandstone	20 83 23 82					
Diam. Slot size Set from ft. to ft.	Med. to Coarse sand						
Diam. Slot size Set from ft. to ft.	Plue Clay	86   21;0   21:0   21:1					
	Very Hard Sandstone(blue Blue Clay	211 216					
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Blue Sandstone	21.6 21.8					
'Was a pump test made? [] Yes 1 No If yes, by whom?	Med. & Fine Elueish.						
'lield: gal./min. with ft. drawdown after hrs.	White Sand	21.8 255					
" " "							
" " " "							
Bailer test 12 gal./min. with 200 ft. drawdown after 1 hrs.							
Artesian flow g.p.m.							
sperature of water 70 Depth artesian flow encountered ft.	Work started 1/1 1971 Complete	ed 11/11 1971					
	Work started 1/1 1971 Complete  Date well drilling machine moved off of well	11/5 1974					
(9) CONSTRUCTION:							
Well seal—Material used Cament	Drilling Machine Operator's Certification: This well was constructed under my	direct supervision					
Well scaled from land surface to $\frac{18}{C}$ ft.	Materials used and information reported						
Diameter of well bore to bottom of seal in.	best knowledge and belief.						
Diameter of well bore below seal	[Signed   Drilling Machine Operator)	Date 4/5 19.7.4					
Number of sacks of cement used in well sealsacks	Drilling Machine Operator's License No.	6.5					
Number of sacks of bentonite used in well seal							
Frand name of bentonite	Water Well Contractor's Certification:						
of waterlbs./100 gals.	This well was drilled under my jurisdi						
Was a drive shoe used? ★ Yes No Plugs Size: location ft.	true to the best of my knowledge and bel						
Pid any strata contain unusable water?   Yes No	Name PAGE EROPHERS DRILLING (Person, firm or corporation)	(Type or print)					
Type of water? depth of strata	Address RT.2- Box 371 VAL						
Method of sealing strata off	01/1/11/11/11	v 0					
Was well gravel packed? [] Yes No Size of gravel:	[Signed] (Water Well Control	actor)					
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 4	<b>1</b> 5 1974					

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

			. \	•	1	
			100	117	-251x	ı
State	Well	No.	1031	<u>, LUE.</u>	<u> でくり</u> え	<b>\</b>
			•	1		

State Well No.	103/	しらっていれ
State Permit N	'n	

(1) OWNER:	(10) LOCATION OF WELL:	
Name Robert Butler	County Malheur Driller's well nu	ımber
Address Vale, Oregon 97918	NV 4 NE 4 Section 28 T. 18	R. 45 W.M.
	Bearing and distance from section or subdivision	on corner
(2) TYPE OF WORK (check):		
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐		
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	248 ft.
Flotary (†) Driven [] Domestic Ka Industrial [] Municipal []	Static level 45 ft. below land s	urface. Date 8/23/73
Dug Bored I Irrigation Test Well Other	Artesian pressure lbs. per squar	e inch. Date
Threaded Welded   O " Diam from O ft to L; 2 ft Gage 250  " Diam from ft to ft Gage  " Diam from ft to ft Gage  " Diam from ft to ft Gage	(12) WELL LOG: Diameter of well to Depth drilled 265 ft. Depth of complete Formation: Describe color, texture, grain size a and show thickness and nature of each stratum with at least one entry for each change of format position of Static Water Level and indicate principles.	and structure of materials; m and aquifer penetrated, tion. Report each change in
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	Sandy Clay	0 10
perforations from ft. to ft.	Sandstone	10 23 23 30
ft. to ft.	Medium Sand Yellow Clay	23 30 30 38
perforations from ft. to tt.	Fine Sandstone	38 56
(7) SCREENS: Well screen installed?  Yes X No	Hard Clay	56 80
Manufacturer's Name	Fractured Sandstone	80 83
Type Model No.	Soft Sandstone	83 86
Otam Slot size Set from	Blue Clay	86 240
Diam. Slot size Set from ft. to ft.	Hard Sandstone Blue Clay	240 24]
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Blue Sandstone	241 246 246 248
Was a pump test made?  Yes No If yes, by whom?	Med. Blue & White	010 000
Yield: gal./min. with ft. drawdown after hrs.	<u>Sandstone</u>	248 265
n n n		
n the state of the		
Bailer test ] 2 gal./min. with 200t. drawdown after 1 hrs.	1379	
Artesian flow g.p.m.	WATEL 1 OF OF	) EPT
Temperature of water ODepth artesian flow encountered ft.	Work started 8/23/19 79 Complete	a 8/25/1970
(9) CONSTRUCTION:	Date well drilling machine moved off of well	8/26/197)
Well seal—Material used Coment Well sealed from land surface to 1/2 ft. Diameter of well bore to bottom of seal 1/4 in. Diameter of well bore below seal 10 in. Number of sacks of coment used in well seal 15 sacks How was cement grout placed?  Proscure Grouted	Drilling Machine Operator's Certification:  This well was constructed under my Materials used and information reported best knowledge and belief.  [Signed]  (Drilling Machine Operator's License No.  Water Well Contractor's Certification:	above are true to my
	This well was drilled under my jurisditrue to the best of my knowledge and beli	
Was a drive shoe used? 街 Yes 🗌 No. Plugs Size: location ft.	Name Page Bros. Well Drill	
Did any strata contain unusable water? Tyes XNo	(Person firm or corneration)	(Type or print)
Type of water? depth of strata	Address Rt 2 BOX 571 Vale	01.69011 9771.
Method of sealing strata off	[Signed MANShell	X day 1-
Was well gravel packed? (2 Yes 🕱 No Size of gravel:	(Water Well Contra	
Gravel placed from	Contractor's License No. 564 Date	9-25,1979

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

ľ	DESE	State Well No. 135 49 - 23/1
	f * - · · - * ·	State Permit No.

	**************************************			
(1) OWNER:	(10) LOCATION OF WELL:			
Name Ton Hancock Filed Now owned by Eldred	County Ma lhour - Driller's well nu	mber		
Address Vala, Oragon 97918 Floyd	E 4N .E 14 Section 28 T. 18	R. 45		W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision	n corne	r	
New Well 1 Deepening Reconditioning Abandon				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w			
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	8		ft.
Rotary Driven Domestic M Industrial Municipal	Static level 30 ft. below land s	urface.	Date )	-22-7
Cable	Artesian pressure lbs. per square	e inch.		
75) CASING INSTALLED: Threaded Welded 250  6 "Diam from 0 ft to 51 ft Gage • 250  "Diam from ft to ft Gage • 250	(12) WELL LOG: Diameter of well be Depth drilled 200 ft. Depth of complete			ft.
" Diam. fromft. toft. Gage(6) PERFORATIONS: Perforated? ☑ Yes □ No.	Formation: Describe color, texture, grain size a and show thickness and nature of each stratus with at least one entry for each change of format position of Static Water Level and Indicate prin	m and a ion. <b>Rep</b> e	quifer pe ort each c	netrated, hange in
ype of perforator used Factory	MATERIAL	From	To	SWL
Size of perforations 3116 in. by 4 in.	Yellow Clay	0	30	
195 perforations from 43 ft. to 51 ft.	Fine Sand % Sm. Gravel	30	38	
perforations from	Slue Clay	-38	200	
perforations fromft, toft.				
(7) SCREENS: Well screen installed?  Yes No  Manufacturer's Name  Type Model No.  Diam. Slot size Set from ft. to ft.				
Diam. Slot size Set from ft. to ft.				
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? ☐ Yes ☐XNo If yes, by whom?		<u>:</u>		
Yield: gal./min. with ft. drawdown after hrs.				
" " " " "				
Bailer test 2 1/2 gal./min. with 170 ft. drawdown after 1 hrs.				
Artesian flow g.p.m.				
Temperature of water 5 Depth artesian flow encountered ft.	Work started 11-21-78 19 Complete	a 4-2	2-78	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	4-2	2-78	19
Well seal—Material used Bentonite	Drilling Machine Operator's Certification:			
Well sealed from land surface to	This well was constructed under my Materials used and information reported			
Diameter of well bore to bottom of seal10 in.	best knowledge and belief.	above a	are nue	to my
Diameter of well bore below seal	[Signed] MAN Machine Operator	Date 4	23-78	19
Number of sacks of cemention inteell seal 6 sacks tow was cement Prolit Blaced? Pressure grouted	Drilling Machine Operator's License No			
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdi true to the best of my knowledge and beli		nd this re	eport is
Was a drive shoe used?				
Did any strata contain unusable water?   Yes X No	Name PAGE BRCS DRILLING (Person, firm or corporation)		pe or prin	
Type of water? depth of strata	Address RT.2 FOX 371 VALE,	CREC	ON97	<u> </u>
Method of sealing strata off	[Signed] Minfield	Ja	-	
Was well gravel packed? Yes No Size of gravel:	(Water Welt Contr.		•	
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 4-	23/7	8	., 19

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

### STATE OF OREGON

(Please type or print)

لنن	s	tate	Well	No.	135	45	E-	23/
-	وه در ما ان د ال	J				•		

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1		•	-	U	Stat	ျှ e Pe	rmit	No.	 	•••••	 	
	£1.	<del>-</del>		'		-						

(1) OWNER:	(10) LOCATION OF WELL:	
Name Don Bancock	County Malhaur Driller's well nu	ımber
Address Vale, Oregon 97918	N.E 14 N.E 14 Section 28 T. 18	R. 45 W.M.
(9) TYPE OF WORK (sheek):	Bearing and distance from section or subdivision	on corner
(2) TYPE OF WORK (check):		
New Well Deepening Reconditioning Abandon Lift abandonment, describe material and procedure in Item 12.		
	(11) WATER LEVEL: Completed w	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):		38ft.
Cable		urface. Date 1-21-7
Dug	Artesian pressure lbs. per squar	e inch. Date
75) CASING INSTALLED: Threaded Welded D. S. "Diam. from O. ft. to 52 ft. Gage 250	(12) WELL LOG: Diameter of well be Depth drilled 60 ft. Depth of complete	eted well 60 ft.
ft. toft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum with at least one entry for each change of formation.	m and aquifer penetrated,
(6) PERFORATIONS: Perforated? ☑ Yes ☐ No.	position of Static Water Level and indicate prin	
Cype of perforator used 'actory	MATERIAL	From To SWL
Size of perforations 1/4 in. by 4 in.	Vellow C-ay	25
380 perforations from 43 ft. to 52 ft.	Fine Sand & Small gravel	38 51
perforations fromft. toft.	Fine Plue Sandstone	51 60
perforations from ft. to ft.		
(7) SCREENS: Well screen installed?   Yes   No		
Manufacturer's Name		
Type Model No.  Diam Slot size Set from ft. to ft.		
Diam. Slot size Set from ft. to ft.		<del>   </del>
(8) WELL TESTS: Drawdown is amount water level is lowered below static level		
Was a pump test made? ☐ Yes X No If yes, by whom?		
Yield: gal./mtn. with ft. drawdown after hrs.		
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,		<del>                                     </del>
H. H. H.		
Bailer test 20 gal./mln. with 25 ft. drawdown after 1 hrs.		
Artesian flow g.p.m.		
Temperature of water 56 Depth artesian flow encountered ft.	Work started 4-20-78 19 Complete	ed 4-21-78 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	4-21-75 19
Well seal—Material used Rentonite  Well sealed from land surface to 18 ft.  Diameter of well bore to bottom of seal 12 in.  Diameter of well bore below seal 8 in.  Number of sacks of centent and in well seal 6 sacks  How was centent part paced? Pressure Grouted	This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed] Machine operator)  Bate 11-21-7819	
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdi	ction and this report is
Was a drive shoe used? Yes No Plugs Size: location ft.	true to the best of my knowledge and bel	
Did any strata contain unusable water?  Yes XNo	Name PAGE ERGS DRILLING (Person, firm or corporation)	(Type or print)
Type of water? depth of strata	Address RT.2. BOX 371- VALE.	CRIGON 97918
Method of sealing strata off	1. 1. 1.	)~
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	[Signed] [Mater Well Contr	aoto
Gravel placed from ft. to ft.	Contractor's License No. 5.64 Date 4-	-21-78 19

CTICE ASTRUCTATAT CITEDOMO TO STEMBOC LINES.

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date

# WATER WELL REPORT CEIVED

STATE OF OREGON AUG 2 1 1978 State Well No. .....

(Please type or print)

185	145E	-2800

(Do not write above this line) RESOURCES SDEPermit No. of well completion. JOSE EM LOSE GON (10) LOCATION OF WELL: (1) OWNER: County Malheur Driller's well number Name Darrell Wheeler N.E 14 N.E4 Section 28 r. 18 R. 45 AddresVale, Oregon 97918 Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well 🔯 Deepening [ Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (4) PROPOSED USE (check): (3) TYPE OF WELL: Depth at which water was first found Rotary X 🖸 Cable 📋 Driven [] Domestic X Industrial | Municipal | 90 ft. below land surface. Date 8-12-78 Jetted 🛚 Irrigation [] Test Well [] Other Bored [] Artesian pressure lbs. per square inch. Date (5) CASING INSTALLED: Threaded [] Welded [] (12) WELL LOG: Diameter of well below casing 6 Diam from 0 ft to 33 ft Gage 250 ft. Depth of completed well 230 Depth drilled 230 " Diam. from ...... ft. to ..... ft. Gage ..... Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. (6) PERFORATIONS: Perforated? Yes XXNo. MATERIAL Type of perforator used SWL in, by in. Size of perforations <u> Glay & sandstone.rocks</u> perforations from ft. to ft. Med. sand & gravel perforations from n. to n. Yellow clay & sandstone 08 22 perforations from ft. to ft. Elue clay Fractured dark sandstone 122 (7) SCREENS: Well screen installed? 
Yes 
No Coarse sandstone 125 220 Manufacturer's Name Blue clay Diam. Slot size Set from ft. to ft. Drawdown is amount water level is lowered below static level (8) WELL TESTS: Was a pump test made? [] Yes [] No If yes, by whom? Yield: gal./min. with ft. drawdown after Bailer test 15 gal./min. with 140ft. drawdown after 1 hrs. Temperature of water 78 Depth artesian flow encountered ...... ft. Work started 8\_12 1978 Completed 8\_14\_78 Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used Bentonite Drilling Machine Operator's Certification: Well sealed from land surface to 18 This well was constructed under my direct supervision. Well sealed from land surface to 10 ft.

Diameter of well bore to bottom of seal 10 in. Materials used, and information reported above are true to my best knowledge and belief [Signed] Date 8-15-7,89 Diameter of well bore below seal 6 in. Number of sacks of cement used in well seal 9bentonite sacks How was cement grout placed? Bentonite was PressureDrilling Machine Operator's License No. 65 grouted. 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. Was a drive shoe used? Yes \( \sigma \) No Plugs ..... Size: location ..... Name PAGE BROTHERS DRILLING
(Person, firm or corporation) (Type or print) Did any strata contain unusable water? 

Yes No Address Rt.2- Box 371- Vale, Oregon 97918 Type of water? depth of strata Method of sealing strata off Was well gravel packed? ☐ Yes ☑ No Size of gravel: ..... Contractor's License No. 564 Date 8-15-78 , 19 Gravel placed from ft. to

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT.

SALEM. OREGON 97310

within 30 days from the date

of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well N	. 18s/	145	<u>e-23 ba</u>
State Permi	No		

1) OWNER:	(10) LOCATION OF WELL:
Tame HERMAN OLSEN	County MALHEUR Driller's well number
ddress VALE, OREGON 97918	NE 14 NW 14 Section 28 T. 18 R. 45 W.M.
2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐	
f abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 47 ft.
otary X Driven Domestic M Industrial Municipal	Static level 45 ft. below land surface. Date 1-25-80
Jetted	Artesian pressure lbs. per square inch. Date
5) CASING INSTALLED: Threaded Welded Welded Welded Moderate Diam from the Source of the Gage Source of the G	(12) WELL LOG: Diameter of well below casing 6!!  Depth drilled 60 ft. Depth of completed well 60 ft.  Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
6) PERFORATIONS: Perforated? ▼ Yes □ No.	
/pe of perforator used TORCH in. by 1/8 in.	MATERIAL From To SWL
ize of perforations 3 in. by 1/8 in.  30 perforations from 47 ft. to 52 ft.	Yellow Clay 0 47 Small Gravel 47 50
perforations from	Blue Clay 50 60
perforations from ft. to ft.	
7) SCREENS: Well screen installed?  Yes XXNo  Innufacturer's Name Model No.	
olam. Slot size Set from ft. to ft.	
Diam. Slot size Set from ft. to ft.	DEGGIOGE Randon
8) WELL TESTS: Drawdown is amount water level is lowered below static level	pro 1 4 1980
a pump test made?  Yes No If yes, by whom?	WATER RESOURCES DEFT
ield: gal./min. with ft. drawdown after hrs.	CALEM, OLLGUN
	and the street of the street o
7	
er test 10 gal./min. with 10 ft. drawdown after 1 hrs.	
a cisian flow g.p.m.	Work started 1/25/1980 Completed 1/25/1980
emperature of water 56 Depth artesian flow encountered ft.	
, CONSTRUCTION:	Date well drilling machine moved off of well 1/25/1980
Vell seal-Material used  Vell sealed from land surface to	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed Hamilton Operator Date 1/28/19 80]  Drilling Machine Operator's License No. 65
Pressure Grouted	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
You or drive shop word? IT Yes CT No Divers	true to the best of my knowledge and belief.
/as a drive shoe used? □X Yes □ No Plugs Size: location ft. id any strata contain unusable water? □ Yes □xNo	Name PAGE BROTHERS DRILLING
ype of water? depth of strata	Address RT 2 BOX 371 VALE, OREGON 9791
depth of strata  fethod of sealing strata off	$M_{\bullet}/\cdot I: M(a)$
	[Signed] My Mel Contractor
	Contractor's License No. 564 Date 1/28/19 80
ravel placed from	Contractor's License No

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

# WATER WELL REPORT

STATE OF OREGON AUG 1 1 1975 State Well No. 132/2013

(Please type or print) TR THIS CAURCES DEAT Permit No.

(Do not write above this line) THI, OREGON

1) OWNER:	(10) LOCATION OF WELL:			
lame II-TMM, OLSOI	County MALIEUR Driller's well nu	mber		
ddress VIII, OREGON 07918	HB 14 NV 14 Section 28 T. 78	R. /	15	W.M.
	Bearing and distance from section or subdivisio	n corne	r	
2) TYPE OF WORK (check):				
New Well 🖺 Deepening 🗍 Reconditioning 🗍 Abandon 🗍				
f abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	ell.		
3) TYPE OF WELL: (4) PROPOSED USE (check):				ft.
otary Driven Domestic Municipal Domestic	Depth at which water was first found $\frac{1}{110}$ Static level $\frac{1}{110}$ ft. below land st	•	Date /	
able D Jetted I Irrigation D Test Well D Other			-	<u> </u>
	Artesian pressure lbs. per square	inch.	Date	<del></del>
., CASING INSTALLED: Threaded  Welded	(12) WELL LOG: Diameter of well be	alow and	oina 6	
6 "Diam. from 6 ft. to 61 ft. Gage 250	Depth drilled 67 ft. Depth of comple			ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum			
DEDECD ATIONS.	with at least one entry for each change of format position of Static Water Level and indicate princ			
Perforated? To Yes I No.	position of Static Water Level and indicate princ	tput wu		·
Type of perforator used TORCH	MATERIAL	From	То	SWL
lize of perforations 6 in. by 3/16 in.	SAUDY SOIL	0_	1	<b></b>
.,O perforations from 55 ft. to 0 ft.	SAIDSTOIR IED, PERPLUS		4	<del> </del>
perforations from ft. to ft.	STICKY LT. BRI. CLAY & MED S.		16	<del> </del>
perforations from ft. to ft.	STICIN BROWN CLAY CONSECRATE STORE	<u> 16</u>	53	
7) SCREENS: Well screen installed?   Yes   No	MED. GRAVIL W/B	<u>53</u>	57	, ~~
Ianufacturer's Name	DLUE GLAY	57	<u>50</u> 51	<u> </u>
ype Model No.	JEOU OLIE	60_	( <del>) '</del>	
Diarn. Slot size Set from ft. to ft.				ļ
Diam. Slot size Set from ft. to ft.				
8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Vas a pump test made?   Yes No If yes, by whom?				
gal./min. with ft. drawdown after hrs.				
Bailer test 3/ gal./min. with 6 ft. drawdown after 1 hrs.				
sr* sian flow g.p.m.				
perature of water Of Depth artesian flow encountered ft.	Work started -1.2-75 19 Complete	d //-	-1 <i>1</i> -75	19
9) CONSTRUCTION:	Date well drilling machine moved off of well	4-14-	<b>-</b> 75	19
	Drilling Machine Operator's Certification:			
Vell seal—Material used     CIRIT COCUC       Vell sealed from land surface to     10	This well was constructed under my	direct	super	vision.
	Materials used and information reported	above a	are true	to my
Diameter of well bore to bottom of seal	best knowledge and belief.		7/ 55	10
Tumber of sacks of cement used in well sealsacks	[Signed] Wicke Vi Say I	Jate 4:	######################################	., 19
Tumber of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No	729		
Grand name of bentonite		<del></del>		
Sumber of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:			
f waterlbs./100 gals.	This well was drilled under my jurisdic		nd this r	eport is
Vas a drive shoe used? Tyes No Plugs Size: location ft.	true to the best of my knowledge and believed			
oid any strata contain unusable water?  Yes I No	Name PAGE SRCS. DITLING (Person, firm or corporation)	(Tı	ype or pri	nt)
ype of water? depth of strata	Address BT. 1 DOX 371 VALE COR			
		Population of the	71.5····	
Iethod of sealing strata off	[Signed] The Amelia Contra	END	)	
Vas well gravel packed? Yes No Size of gravel:	(Water Well Contra			
ravel placed from ft. to ft.	Contractor's License No. 564 Date	-14-1	2	, 19

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well N	. 185/45E-28
State Permit	No

(1) OWNER:	(10) LOCATION OF WELL:		
Name BLIER MC CLAY	County MALIEUR Driller's well nu	mber	
Address Vilia O Dati Croid	IT 14 IN 14 Section 28 T. 13	R. 45	W.M.
	Bearing and distance from section or subdivision	on corner	
(2) TYPE OF WORK (check):			
New Well Deepening Reconditioning Abandon			<u></u>
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 50		ft.
Rotary Driven Domestic D Industrial Municipal	Static level 45 ft. below land s	urface. Date	7-0-7
Cable	Artesian pressure lbs. per squar		
CASING INSTALLED: Threaded Welded D. Welded D. C.50 ft. Gage	(12) WELL LOG: Diameter of well be fit. Depth of complete the fit.		6 ft.
" Diam. from ft. to ft. Gage ft. Gage ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each stratur with at least one entry for each change of format position of Static Water Level and indicate prim	n and aquifer p tion. Report each	enetrated, change in
PERFORATIONS: Perforated? Tyes No.		ripai water-vear	<del></del>
2/1/2	MATERIAL	From To	SWL
Diec vi pertotations in, by	JALDY SOIT	0 1	ļ
perforations from 50 ft. to 56 ft.	LE. BROWN CL Y  BROBEN CHARS OF CONGLORMANS	1 17 17 20	ļ
perforations fromft. toft.	SAUDY DROWN CLAY	20 3	+
perforations from ft. to ft.	HARD SAIDSTONE CONCLOREDATE	1,3 50	<del> </del>
(7) SCREENS: Well screen installed? 17 Yes [] No	GLOSEL FILM GROWN SALDSPORTS	50 56	1.5
Manufacturer's Name	DIUL CLAY	56 60	<del> </del>
Type Model No.			·
Diam. Slot size Set from ft. to ft.			
Diam. Slot size Set from ft. to ft.			ļ
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			<del> </del>
Was a pump test made? [] Yes [] No If yes, by whom?			
Yield: gal./min. with ft. drawdown after hrs.			
" " "		<u> </u>	<u></u>
" " "			
Bailer test 70 gal./min with 6 ft, drawdown after 7 hrs.			<del> </del>
Artesian flow g.p.m.			<del> </del>
nperature of water 52 Depth artesian flow encountered ft.	Work started 7-0-75 19 Complete	a 7-10-75	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well	7-10-75	19
Well seal-Material used CITT TO CAUTE  Well sealed from land surface to ft.	Drilling Machine Operator's Certification: This well was constructed under my Materials used and information reported		
Diameter of well bore to bottom of sealin.  Diameter of well bore below seal in.	best knowledge and belief.	770	1 m
Number of sacks of cement used in well seal sacks	[Signed] (Drilling Machine Operator)	Date 7-10-7	⊋ 19
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No	729	••
Brand name of bentonite		<del></del>	
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:		
of water lbs./100 gals.	This well was drilled under my jurisdi-		report is
Was a drive shoe used? 🗒 Yes 🗌 No Plugs Size: location ft.	true to the best of my knowledge and beli	C1.	
Did any strata contain unusable water? 🗌 Yes 📋 No	Name (Person, firm or corporation)	(Type or pr	int)
Type of water? depth of strata	Address RT. 2 BOX 371 VALE, CRI	ce: 37016	**************
Method of sealing strata off	n. 1 . 110 (	يد كريد	, -
Was well gravel packed? [] Yes [] No Size of gravel:	[Signed] (Water Well Confer	actor)	<del>t</del>
Gravel placed from ft. to ft.	Contractor's License No. 1 Leff Date	-10-75	19

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

# RECEIVED

WATER WELL REPORT

STATE OF OREGON

1973 State Well No.

(Please type or print)	STATE	ENGINEER		_
(Do not write above this li	ne3ALEM	. OREGON State	Permit	N

(1) OWNER:	(10) LOCATION OF WELL:
Name / ) HEMA ENCY INC.	County 14 116 45 Driller's well number
Address HolidayMotel DNTANIC'	NW 14.5/214 Section 28 T. 185 R. 75 E W.M.
31Scuthingthest IcsANGeles (4)	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	PERMITH GCeTHAS
New Well Deepening Reconditioning Abandon	API-31.045-90001
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found Milliant At Et ft.
Rotary Doriven Domestick Industrial Municipal Domestick	Static level ft. below land surface. Date
Cable  Jetted  Trigation  Test Well  Other	Artesian pressure lbs. per square inch. Date
CASING INSTALLED: Threaded Welded Under Welded Under Diam. from # 2 1 ft. to 27 ft. Gage 775.  "Diam. from ft. to ft. Gage	(12) WELL LOG: Diameter of well below casing  Depth drilled 93 ft. Depth of completed well 25 ft.  Formation: Describe color, texture, grain size and structure of materials;
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratum and aquifer penetrated.
Perforated? Yes You	with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	SILSANOY SIS
perforations from ft. to ft.	(LA J FBC 4 facts 3 /C
perforations from	CLAV VOLLOW 10 73
,	
(7) SCREENS: Well screen installed?   Yes Tho	
Manufacturer's Name	
Type Model No.	
Diam. Slot size Set from ft. to ft.  Diam. Slot size Set from ft. to ft.	
Didit. Stot size Set from It.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made?  Yes No If yes, by whom?	
Yield: gal./min. with ft. drawdown after hrs.	
" " "	
n n n	
Bailer test gal./min. with ft. drawdown after hrs.	
Actesian flow g.p.m.	
aperature of water Depth artesian flow encountered ft.	Work started 7-31 1974 Completed 7-31 197-1
(A) CONTRACTOR ON	Date well drilling machine moved off of well
(9) CONSTRUCTION:	
Well seal-Material used REAL MIX CARCLE	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.
Well sealed from land surface to ft.	Materials used and information reported above are true to my
Diameter of well bore to bottom of sealin.  Diameter of well bore below sealin.	best knowledge and belief.
Number of sacks of cement used in well seal 2 12 7/42 4 Sacks	[Signed] (Drilling Machine Operator) Date (Signed)
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.
Brand name of bentonite	Water Well Contractor's Contification.
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:
of water lbs./100 gals.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Was a drive shoe used? [] Yes [] No Plugs Size: location ft.	Name HULCULAY DRILLING
Did any strata contain unusable water? Tyes The	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address Address
Method of sealing strata off	[Signed] May Hallwilly
Was well gravel packed?  Yes No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No Date

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

State Well No	18s/456-091
---------------	-------------

The original and first copy of this report are to be filed with the RECE VELTE OF OREGON

STATE ENGINEER, SALEM, OREGON 97310 (Please type or print)
within 30 days from the date of well completion.

JUL 1 1977 no not write above this line) WATER DECOURCES DEPT

State Well No	16s/456-297
State Permit No	o,

(1) OWNER: CALEM. CRECON	(10) LOCATION OF WELL:		
Name (10/6 (1.24 (1) 4.11	County Mark Priller's well number		
Address [316 - 6] 6 9.7918	SE MANUM Section Q 7 T. / 8 R. 95 W.M.		
	Bearing and distance from section or subdivision corner		
(2) TYPE OF WORK (check):			
New Well   ☐ Deepening ☐ Reconditioning ☐ Abandon ☐			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found $\mathcal{S}$ ft.		
Rotary Driven Domestic Industrial Municipal Domestic	Static level 75 ft. below land surface. Date 6 - 8-7		
Dug Bored I Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date		
CASING INSTALLED: Threaded   Welded   W	(12) WELL LOG: Diameter of well below casing  Depth drilled / 5 ft. Depth of completed well / 5 ft.  Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.		
Type of perforator used	MATERIAL From To SWL		
Size of perforations in. by in.	120 cril 0 8		
perforations from ft. to ft.	muster silt 8 10		
perforations from ft. to ft.	The Course groves 10/3		
perforations from ft. to ft.	(with fine much)		
(7) SCREENS: 'Well screen installed?   Yes   No	med graves 13/4		
Munifacturer's Name	Tring Water State Same of g		
Type Model No.	Blue Shale 19 135		
Diam. Slot size Set from ft. to ft.			
Diam. Slot size Set from ft. to ft.	Ahand Ched:		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Coment Plugat 30		
Was a pump test made?  Yes No If yes, by whom?			
Y' d: gal./min. with ft. drawdown after hrs.	then filled with bentonite		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			
Buller test / gal./min. with /2.Cft. drawdown after / hrs.			
Artesian flow g.p.m.	) 7 7		
perature of water \$5.0 Depth artesian flow encountered ft.	Work started $\mathcal{H} = 2/1977$ Completed $(-3-197)$		
(9) CONSTRUCTION: / + /	Date well drilling machine moved off of well 6-8 1977		
Well seal—Material used Sintaniti  Well sealed from land surface to ft.  Diameter of well bore to bottom of seal in.  Diameter of well bore below seal in.  Number of sacks of cement used in well seal sacks	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed]  [Signed]  Date 7-1, 19.7		
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No4.5		
Brand name of bentonite	Water Well Contractor's Certification:		
Number of pounds of bentonite per 100 gallons of waterlbs./100 gals.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.		
Was a drive shoe used? Yes UNo Plugs Size; location ft.			
Did any strata contain unusable water? Tyes P No	Name THY G. BY C.S. D. F. / 1.11.9 (Type or print)		
Type of water? depth of strata	Address h.t. 2 - Dicx 371 - VAIR Cre 97918		
Method of sealing strata off	[Signed] // / // // // // // // // // // // //		
Was well gravel packed? Yes No Size of gravel:	[Signed] (Water Well Contractor)		
Gravel placed from ft. to ft.	Contractor's License No. 5.4.4 Date		

filed with the STATE EN STATE OF OREGON

STATE ENGINEER, SALEM, OREGON 97310 EN (Please type or print)
within 30 days from the date
of well completion. (Do not write above this line)

State Well No.		
State Permit 1	Vo.	

(1) OWNER:	(10) LOCATION OF WELL:
Name Gale Olson	County Malkeur Driller's well number
Address Wall, Oregon	NW 14 SW 14 Section 2 9 T. 185 R. 45 E W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	
	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 57 ft
Rotary Driven Domestic Mindustrial Municipal Domestic Mindustrial Municipal	Static level /3 ft. below land surface. Date 3 29.7
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
CASING INSTALLED: Threaded Welded D  "Diam. from Oft. to 3.5 ft. Gage 250  "Diam. from ft. to ft. Gage  "Diam. from ft. to ft. Gage  "PERFORATIONS: Perforated? Yes PNo.	(12) WELL LOG: Diameter of well below casing  Depth drilled / ft. Depth of completed well // ft.  Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	ined wase riled Sand 14 19
perforations from ft. to ft.	Sandy Brown Clay 19 23
perforations fromft. toft.	Blue Class 33 54
	Sandy Blue Clay 54 57 13
(7) SCREENS: Well screen installed? Yes ANO	med where Sand 57 58
Manufacturer's Name	Sandy Siece Clay 58 111
Type Model No.	Sticky bluellas 111 115
Diam. Slot size Set from ft. ft.	
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? Yes No If yes, by whom?	
ld: gal./min. with ft. drawdown after hrs.	
, , , , , , , , , , , , , , , , , , , ,	
" " "	
Railer test // gal/min with / 0.5t drawdown after / ha	
Bailer test   gal./min. with 69 ft. drawdown after / hrs.  tesian flow g.p.m.	
g.p.m.  rerature of water # Depth artesian flow encountered ft.	Work started 5-28 19 72Completed 3-29 19 73
	Date well drilling machine moved off of well $3-29$ 1972
(9) CONSTRUCTION:	
Well seal—Material used	Drilling Machine Operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief  [Signed]  Date 4-3, 19/2-  (Drilling Machine Operator)
Number of sacks of cement used in well seal sacks	
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.
Brand name of bentonite	Water Well Contractor's Certification:
Number of pounds of bentonite per 100 gallons of waterlbs./100 gals.	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? [7 Yes ☐ No Plugs Size: location ft.	true to the best of my knowledge and belief.
Did any strata contain unusable water?   Yes No	Name 1.7.4.6.4.4.4.4.4.7.7.7.7.7.7.7.7.7.7.7.7
Type of water? depth of strata	Name Affill DY1/1/19 (Person, firm or corporation)  Address BK 365-MJ1/N St. N. VIIC OVC9
Method of sealing strata off	
Was well gravel packed?  Yes No Size of gravel:	[Signed] (Water Well Contractor)
Gravel placed from	Contractor's License No. 396 Date 4-3 , 1972
GLAVET praced from	Contractor's License No. 47. Date 17. 19/2

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT STATE OF OREGON AUG 1 1975

State Well No.	183/200	- : 4
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(Please type of print): DISCURCES D State Permit No. (Do not write above this line) = 1. OREGON

(1) OWNER:	(10) LOCATION OF WELL:		
Name JUN SEVSY	County MANUEL Driller's well number		
Address 759 COTTAGE St. S.	11 14 M 14 Section 29 T. 10	R. <u>/ 5</u>	<b>W</b> .M.
CIE, CEEGCL STOLL	Bearing and distance from section or subdivis	ion corner	
(2) TYPE OF WORK (check):			
New Well 🗇 — Deepening 🗍 — Reconditioning 🗍 — Abandon 🗍			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	vell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 19		ft.
Rotary   Driven   Domestic   Industrial   Municipal	Static level 9 ft. below land	surface Date 2-	
Cable Dug Bored D Irrigation D Test Well D Other		re inch. Date	
	Artesian pressure lbs. per squa	Te men. Date	
CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well	below casing 6	
$5$ " Diam, from 0 ft. to $\frac{23}{5}$ ft. Gage $\frac{•250}{}$	Depth drilled 124 ft. Depth of comp		
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size		<del> </del>
	and show thickness and nature of each stratu	m and aquifer pe	netrated,
PEREORATIONS.	with at least one entry for each change of forma position of Static Water Level and indicate private p		
PERFORATIONS: Perforated? Tyes T No.		1	
Type of perforator used	MATERIAL	From To	SWL
Size of perforations in. by in.	COPSCIL	0 3	
perforations from ft. to ft.	LINE PEPOSIT	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
perforations fromft. to ft.	BROWN GLAY	7 10	
perforations fromft. toft.	GRAVEL & SAID W/E	10 25	- 6
(7) SCREENS: well screen installed?  Yes  No		25 27	
Manufacturer's Name	DIME CLAY   BLUE SANDSTOITE	97 00	
TypeModel No.	THE TEN AND THE ST	100	
D:am. Slot size Set from ft. to ft.	ILLE SALDSTOLE 151/3	26 34	
Diam. Slot size Set from ft. to ft.	DLUE CLAM	3.6 61	
	DIUS GAADAACHE	1 1 14	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	CLUE CLAY	57, 1-97	
Was a pump test made? [] Yes [] No If yes, by whom?			
Yield: gal./min. with ft. drawdown after hrs.			
" " "			
7			·
Bailer test 3 gal./min. with 111 ft. drawdown after 1 hrs.		<u> </u>	
Artesian flow g.p.m.	·	<u> </u>	
perature of water 521 Depth artesian flow encountered ft.	Work started 2-25-75 19 Complet	.ed 3-20-75	19
(3) CONSTRUCTION:	Date well drilling machine moved off of well	<u>9-20-75</u>	19
Well seal-Material used CHIMIT GROUT	Drilling Machine Operator's Certification	:	
Well sealed from land surface to 13 ft.	This well was constructed under my	direct super	
Diameter of well bore to bottom of seal	Materials used and information reported best knowledge and Kelief.	above are true	e to my
Diameter of well bore below seal		Onata 0.82 3-2	.∵ <b>⊤</b> a
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)	Page	., 10
Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No.	7.2	
Brand name of bentonite			
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:		
of water lbs./130 gals.	This well was drilled under my jurisd true to the best of my knowledge and be		eport is
Was a drive shoe used? Tyes No Plugs Size: location ft.	Name PAGE CS. DUILLING	1101.	
Did any strata contain unusable water?  Yes  No	(Person, firm or corporation)	(Type or pri	nt)
Type of water? depth of strata	Address RT. 2 OX 371 VIE, C	<u> 2000: 97910</u>	***************************************
Method of sealing strata off	211.1111.	)_	
	[Signed] A M (Water West Cont	ractor)	
	Contractor's License No. 564 Date		••
Gravel placed from ft. to ft.	Contractor's License No. 224 Date		, 19
/figh annimicated de	DEMO IN MOUNTAIN AND AND AND AND AND AND AND AND AND AN		

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

# WATER WELL REPORT ECEIVED

STATE OF OREGON

OCT 2.3 1974state Well No.

(Please type or print)

STATE ENGINEER Permit No.

(Do not write above this line) SALEM, OREGON

(1) OWNER:	(10) LOCATION OF WELL:			
Name DORANCE STANDAGE	County 1.41. Driller's well number			
Address VALL, OREGOL	SW 1/4 1:W1/4 Section (4)30T. 18 R. A55 W.M		W.M.	
	Bearing and distance from section or subdivision	n corner		
(2) TYPE OF WORK (check):				
New Well 📆 Decpening 🛘 Reconditioning 🗍 Abandon 🗍				
f abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed we	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found			ft.
Rotary Driven Domestic M Industrial Municipal	Static level & 13 ft. below land so		Date 1	***************************************
Table	Artesian pressure lbs. per square			6
CASING INSTALLED: Threaded Welded 16  "Diam. from 1 ft. to 20 ft. Gage 250  "Diam. from ft. to ft. Gage  "Diam. from ft. to ft. Gage  PERFORATIONS: Perforated? Yes No.	(12) WELL LOG: Diameter of well be Depth drilled 105 ft. Depth of complete Formation: Describe color, texture, grain size a and show thickness and nature of each stratum with at least one entry for each change of formationsition of Static Water Level and indicate prince	nd struct n and aq ion. Repo	ure of nuifer pe	naterials; netrated, change in
Type of perforator used	MATERIAL	From	То	SWL
Sike of perforations in. by in.	TOP SOIL	0	3	
perforations from ft. to ft.	INC) DEPOSIT	-3-	4	
perforations fromft. toft.	SOFT CROWN CLAY CERTAINED GRAVEL	-4	30	
perforations from ft. to ft.	1.75	20	2]	
(7) SCREENS: Well screen installed?  Yes I No	CEAVEL   SAID W/B struce	27 26	26 03	
Manufacturer's Nam'e	BROKE, DLUE STALE W/D st. 16			
Type	TIGD CL.Y	7	0,1	
Diam Slot size Set from ft. to ft.	LUL MID W/3 static 13-4	95	101	
Diam. Slot size Set from ft. to ft.	LINE CLIM	7.07	705	
(8) WELL TESTS: Drawdown is amount water level is				
lowered below static level				
Was a pump test made? Yes No If yes, by whom?				
Yield: gal./min. with ft. drawdown after hrs.				
" "				
n H H				
Pailer test 7 gal./min. with 95ft. drawdown after 1 hrs.				
Artesian flow g.p.m.				
nperature of water O Depth artesian flow encountered ft.	Work started 19-29 19 74 Complete	d 10=	2-74	19
(4) CONSTRUCTION:	Date well drilling machine moved off of well	10-	2-74	19
(9) CONSTRUCTION:  Well seal—Material used CENTIT  Well sealed from land surface to E	Drilling Machine Operator's Certification:  This well was constructed under my Materials used and information reported	direct	super	vision.
Diameter of well bore to bottom of seal in.  Diameter of well bore below seal in.  Number of sacks of cement used in well seal sacks	[Signed] [Link   Continue Operator)			
Number of sacks of bentonite used in well seal	Drilling Machine Operator's License No	<u>\$</u> 5		
Brand name of bentonite				
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:			
if water	This well was drilled under my jurisdic true to the best of my knowledge and belie		d this r	eport is
Nas a drive shoe used? 🖫 Yes 📋 No Plugs Size: location ft.	Name PAGE 10'51 3 DILLING			
Did any strata contain unusable water? 🗌 Yes 💢 No	(Person, firm or corporation)	(Tyr	pe or prin	nt)
Type of water? depth of strata	Address T. 2 DOX 711 VILE, ON	140 º	7.10	
Method of sealing strata off	Isimodili (12/01/01/1)	()		
Was well gravel packed? [] Yes P No Size of gravel:	[Signed]/find Water Well Contra	ictor)		
Gravel placed from the to the	Contractor's License No. 564 Date 1	0-2-7	1	10

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No	
State Permit No.	

(1) OWNED.	(10) LOCATION OF WELL.			
(1) OWNER:	(10) LOCATION OF WELL:  County Malheyr Driller's well number			
Name Clyda Ritter				
Address 7CE - Yakims St. S. Wale, Crecon	N.E 14 SF 14 Section 30 T. 18			W.M
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivis	ion corne	<u>r</u>	
New Well 🐧 — Deepening 🗇 — Reconditioning 🗇 — Abandon 🗇				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	zell		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 16			f
Rotary Driven Domestic Municipal Domestic Municipal	Static level 10 ft. below land	surface	Date 3	1, 73
Cable   G   Jetted	Artesian pressure lbs. per squa		-	لو - 1 - <del> بنا -</del>
(5) CASING INSTALLED: Threaded   Welded   Welded   50    (27	(12) WELL LOG: Diameter of well  Depth drilled 26 ft. Depth of comp  Formation: Describe color, texture, grain size and show thickness and nature of each stratu	leted well	ture of	26 f materials
(b) PERFORATIONS: Perforated? M Yes   No.	with at least one entry for each change of forma position of Static Water Level and indicate prin	tion. Rep	ort each	change i
Type of perforator used Torch		T		Т
	MATERIAL	From	15	SWL
Size of perforations in. by in.	Clay Medium Fine Sand	15	25	10
perforations from 20 ft. to 25 ft.	Blue Clay	25	26	<b></b>
perforations from ft. to ft.				†
•				
(7) SCREENS: Well screen installed?  Yes No		<del> </del>		
Type				
Diam. Slot size Set from ft. to ft.				<del> </del>
Diam. Slot size Set from ft. to ft.		1		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? ☐ Yes TyNo If yes, by whom?				
'd: gal./min. with ft. drawdown after hrs.				ļ
, n		ļ		<u> </u>
и и и				<del> </del>
Bailer test 25 gal./min. with 6 ft. drawdown after 1 hrs.		<del> </del>		
^ rtesian flow g.p.m.				
aperature of water 60 Depth artesian flow encountered ft.	Work started 3-4 19 73 Complet	ed 3-L	<u> </u>	19 7
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<u> </u>		19 1
Well seal—Material used Comert  Well sealed from Jand surface to 18 ft.  Diameter of well bore to bottom of seal in.  Diameter of well bore below seal 6 in.  Number of sacks of cement used in well seal sacks  Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's Certification:  This well was constructed under my Materials used and information reported best knowledge and behef.  [Signed]  (Drylling Machine Operator)  Drilling Machine Operator's License No.	direct above a	ro tru	e to m
Brand name of bentonite	Water Wall Control of the state			
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:	· _ 4:	1 /1 /	
of water lbs./100 gals.	This well was drilled under my jurisd true to the best of my knowledge and bel		d this	report i
Was a drive shoe used? **[] Yes [] No Plugs Size: location ft.	Name PAGE PROTHERS DRILL	I:G		
Did any strata contain unusable water?   Yes No	(Person, firm or corporation)	(Ty	pe or pri	
Type of water? depth of strata	Address RT 2 10 X 371 VAI	Fig(.).J:		· ·
Method of sealing strata off	[Signed ] I dan della !	ر سیسی		
Was well gravel packed?  Yes No Size of gravel:		/		
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 3	-26		, 197.3

# 12/1 × 5

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. ......

(1) OWNER:	1	(10) LOCATION OF WELL:		<del></del>	
Name Clyde Pitter		County Malheur Driller's well no	ımber		
Address 708 - Vakima Ct. Vale, Gregon		NF 4 9F 4 Section 30 T. 18 R. 15		W.M.	
		Bearing and distance from section or subdivisi	, –		
(2) TYPE OF WORK (check):					
New Well 🕅 — Deepening 🗍 — Reconditioning 🗍 — Abando	on 🗆				
If abandonment, describe material and procedure in Item 12.	;	(11) WATER LEVEL: Completed w	ell.		
(3) TYPE OF WELL: (4) PROPOSED USE (chec	ck):	Depth at which water was first found ] 7			ft.
Rotary [ ] Driven [ ] Domestic  ☐ Industrial [ ] Munic	eipal 🗌	Static level 11 ft. below land	surface.	Date 3	-5-73
Cable ★★ Jetted [] Dua [] Bored [] Irrigation [] Test Well [] Other		Artesian pressure lbs. per squar			
(5) CASING INSTALLED: Threaded [] Welded []  6" Diam. from 1	i	(12) WELL LOG: Diameter of well 1 Depth drilled 30 ft. Depth of complete		,	30 ft.
" Diam. from ft. to ft. Gage		Formation: Describe color, texture, grain size and show thickness and nature of each stratus with at least one entry for each change of forma	m and ac tion. Rep	quifer pe ort each	enetrated, change in
(0) PERFORATIONS: Perforated? Yes   No	o.	position of Static Water Level and indicate prin	cipai wai	ter-bear	ng strata.
Type of perforator used Torch	i	MATERIAL	From	То	SWL
Size of perforations ½ in. by 5 in.		Clay	1 <del>1</del>	17 28	14
perforations from ft. to ft.	i	Medium To Coarse Grave:	28	30	ļ
perforations fromft. to	ł	LIGE CIAY			
(7) SCREENS: Well screen installed? Yes No Manufacturer's Name  Type Model No.  Diam. Slot size Set from ft. to  Diam. Slot size Set from ft. to	ft.				
(8) WELL TESTS: Drawdown is amount water level in lowered below static level	is				
Was a pump test made? [] Yes Mo If yes, by whom?					
'd: gal./min. with ft. drawdown after	hrs.				
" "	"				
· · · · · · · · · · · · · · · · · · ·	,				
Buler test 12 gal./min_with 10ft, drawdown after 1	l bre			· · · · · · · · · · · ·	
*rtesian flow g.p.m.	111.5.				
nperature of water 52 Depth artesian flow encountered	ft.	Work started 3-5 19 73 Complete	1 ≥d 3.	 -5	19 7
(9) CONSTRUCTION:		Date well drilling machine moved off of well	3-6		<sup>19</sup> 7
Well seal-Material used Cament		Drilling Machine Operator's Certification:			
Well sealed from land surface to		This well was constructed under my Materials used and information reported			
Diameter of well bore to bottom of seal in.		best knowledge and belief.			e ee
Diameter of well bore below seal 6 in.		[Signed] Lift of the form	Date 🌙	124	, 19. <u>/</u> 5
Number of sacks of cement used in well seal	sacks	Drilling Machine Operator's License No.	65 ′	<b>,</b>	
Number of sacks of bentonite used in well seal	saeks	Diming machine Operator's License No.			
Brand name of bentonite		Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons of water lbs /10	)O gala	This well was drilled under my jurisdi	ction ar	nd this r	eport is
water lbs./10 Was a drive shoe used? ₹I Yes [] No. Plugs Size: location	00 gals.   . ft.	true to the best of my knowledge and bel			
Did any strata contain unusable water?  Yes X No	11.	Name PAGE 1-FC 1-H-1-12 IRILI.	111.G	pe or pri	nt)
Type of water? depth of strata		Address RT. 1- Fox 371- VALUE	, crì	GCII	
Method of scaling strata off	 	Asti Vi Olas	),	 O	
		[Signed] [ ]2 (Water Well Contr	au(or)		
Was well gravel packed? Yes No Size of gravel:  Gravel placed from ft. to ft.		Contractor's License No. 564 Date3			19 7 2
					,

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Permit No.

O VINITED	(10) YOGAMION ON WELL	
(1) OWNER: Name RAY HUFF	(10) LOCATION OF WELL:	
EAE 9 Miles and roun	County MALHEUR Driller's well number	
VALL, ORGON 97918	SW 4 SE 4 Section 30 T. 18 R. L	
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corn	er
New Well  Deepening  Reconditioning  Abandon		
If abandonment, describe material and procedure in Item 12.	(11) WARRED I FRIEL C	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed well.	70
Rotary Driven Domestic 31X Industrial Municipal D	Depth at which water was first found  Static level 10 ft. below land surface.	18 nt.
Cable   Jetted   Domestic 212 Industrial   Municipal   Dug   Bored   Irrigation   Test Well   Other		
(5) CASING INSTALLED: Threaded Welded (X)  O " Diam from O ft. to 30 ft. Gage 250  " Diam from ft. to ft. Gage	Formation: Describe color, texture, grain size and stru	ell 130 ft.
(6) PERFORATIONS: Perforated?  Yes I No.	and show thickness and nature of each stratum and with at least one entry for each change of formation. Reposition of Static Water Level and indicate principal w	port each change in
Type of perforator used	MATERIAL From	To SWL
Size of perforations in. by in.	Topsoil	2
perforations from ft. to ft	Hand Drown Clary	12
perforations fromft. toft	Light Brown Fine Sand 12	16
perforations fromft. toft		18
(7) SCREENS: Well screen installed? [] Yes [5] No	Gravel & Sand 18	25 13
(1) SCREENS: Well screen installed? ☐ Yes ☒ No  Manufacturer's Name	Blue Clay 25	49 51 0
Type Model No.	- PLOVER Defragation	175
Diam. Slot size Set from ft. to ft.		13000
Diam Slot size Set from ft. to ft.		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	RECEIVED	
Was a pump test made? ☐ Yes ☐ No If yes, by whom?	OCT 25 1979	
Yield: gal./min, with ft. drawdown after hrs		
" " "	WATER RESOURCES DEPT	
" # # #	SALEM, OREGON	
Bailer test 10 gal./min. with 90 ft. drawdown after 1 hrs.		+
Artesian flow g.p.m.		<del>  </del>
Temperature of water 2 Depth artesian flow encountered ft.	Work started 8-27 to 79 completed	8-30- 1970
(3) CONSTRUCTION:	Date well drilling machine moved off of well	8-30- 1970
Well scal—Material used COMONO ft.  Well scaled from land surface to 10 in.  Diameter of well bore to bottom of seal in.  Number of sacks of cement used in well seal 15 sacks.  How was cement grout placed?	Drilling Machine Operator's Certification:  This well was constructed under my direct Materials used and information reported above best knowledge and belief.  [Signed]  (Drilling Machine Operator)  Drilling Machine Operator's License No.	are true to my 10-02-, 19/20
Pressure Grouted	Water Well Contractor's Certification:	
Was a drive shoe used? 其 Yes □ No Plugs Size: location ft.	This well was drilled under my jurisdiction a true to the best of my knowledge and belief.  PAGE DROTHERS DRITTING	nd this report is
Did any strata contain unusable water?   Yes II No	Name (Person, firm or corporation) (T	Type or print)
Type of water? depth of strata		REGOIT 9791
Method of sealing strata off	Alli Simon	
Was well gravel packed? ☐ Yes \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	[Signed] (Water Well Contractor)	
Gravel placed from ft. to ft.	Contractor's License No. 564 Date	[0-02- ,7]
,	Date	19'

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

## STATE OF OREGON

(Please type or print)

(Do	not	write	above	this	line)

State Well No	
State Permit No	

(1) OWNER:	(10) LOCATION OF WELL:			
Name Clude Pitter	County Malhoup Driller's well no	ımber		
Name Clyde Ritter Address 70° Yakima, St. Vale, Creson	N.E 4 3. E 4 Section 30 T. 15			W.M
	Bearing and distance from section or subdivisi			
(2) TYPE OF WORK (check):				
New Weil ₩ Deepening □ Reconditioning □ Abandon □				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	 الم		
(3) TYPE OF WELL: (4) PROPOSED USE (check):		en.	,	7 ft.
Rotary [7] Driven [7]	Depth at which water was first found			
Cable Domestic Industrial Municipal Image Bored Industrial Municipal Image Ima	Static level / ft. below land static level lbs. per square			
(c) CASING INSTALLED: Threaded Welded To the Diam from ft. to 25 ft. Gage 200 ft. Gage 10 ft. to ft. Gage 10 ft. to ft. Gage 10 ft. to ft. Gage 10 ft. Gage 10 ft. ft. Gage 10 ft. ft. Gage 10 ft. ft. Gage 10 ft. Gage 10 ft. Gage 10 ft. ft. Gage 10 ft. ft. Gage 10 ft. ft. Gage 10 ft. Gage 11 ft. Gage 11 ft. Gage 12 ft. Gage 12 ft. Gage 13 ft. Gage 14 ft. Gage 15 ft. Gage 16 ft. Gage 17 ft. Gage 17 ft. Gage 18 ft.	(12) WELL LOG: Diameter of well leads of the Depth drilled 30 ft. Depth of compiler formation: Describe color, texture, grain size and show thickness and nature of each stratum with at least one entry for each change of format position of Static Water Level and indicate principles.	eted well and struct m and ac tion. Repo	ture of n quifer pe ort each o	oft. materials, enetrated, change in
Type of perforator used Torch	MATERIAL	From	То	SWL
Size of perforations 1/4 in. by 5 in.	Fine Clay	0	17	10
25 perforations from 20 ft. to 25 ft.	med. to fine gravel	17	23	
perforations from ft. to ft.	Blue Clay	23	30	
perforations from ft. to ft.				
(7) SCREENS: Well screen installed? Yes Ao  Manufacturer's Name  Type Model No.  Diam. Slot size Set from ft. to ft.  Diam. Slot size Set from ft. to ft.				
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? [] Yes [] No If yes, by whom?				
'd: gal./min. with ft. drawdown after hrs.				
" " "				
Barler test /2 gal./min. with & ft. drawdown after / hrs.				
terian flow g.p.m.		L		
nperature of water 5 P Depth artesian flow encountered ft,	Work started 3-6 1973 Complete	d_3-7		19.73
(9) CONSTRUCTION:	Date well drilling machine moved off of well	<b>3-</b> 7		1973
Well seal—Material used	Drilling Machine Operator's Certification:  This well was constructed under my Materials used and information reported best knowledge and belief.  [Signed] [	above a		
Number of sacks of bentonite used in well seal sacks				
Brand name of bentonite  Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:			
of waterlbs./100 gals,	This well was drilled under my jurisditrue to the best of my knowledge and bel		d this r	eport is
Was a drive shoe used? Yes [] No Plugs Size: location ft.	Name PAGE ROTLETS DELLILL	101. 71		
Did any strata contain unusable water? Tyes \$4 No	(Person, firm or corporation)	(Ту	pe or prin	nt)
Type of water? depth of strata	Address RT.2- ECX 371 VAL	<u> </u>	HGC!!	
Method of sealing strata off	18 man Mila Li B)	1 0	)	
Was well gravel packed?  Yes No Size of gravel:	[Signed] (Water-Well Contr	acior)		
Gravel placed from ft. to ft.	Contractor's License No. 564 Date	3-26-	73	, 19

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State	Well No. 18 5/45E -32 cic
State	Permit No

(1) OWNER:	(10) LOCATION OF WELL:
Name ROGER HOLDEN	County MALHEUR Driller's well number
Address VALE, OREGON 97918	SW 14 NE 14 Section 32 T. 18 R. 45 W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well   ☐ Deepening ☐ Reconditioning ☐ Abandon ☐	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 50 ft.
Rotary X Driven Domestic X Industrial Municipal Domestic X	Static level 48 ft. below land surface. Date 4/3/80
Dug	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded	(12) WELL LOG: Diameter of well below casing 6!!  Depth drilled 58 ft. Depth of completed well 58 ft.  Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with the control of the cont
(6) PERFORATIONS: Perforated? ⋈ Yes □ No.	with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used Factory	MATERIAL From To SWL
Size of perforations 1/8 in. by 3 in.	Brown sandy lome 0 10
230 perforations from 51 tt. to 56 tt.	Brown sandy clay 10 48
perforations from ft. to ft.	Gravel 48 58 48
perforations fromft. toft.	
(7) SCREENS: Well screen installed?  Yes X No	
Manufacturer's Name	
Type Model No.	
Diam. Slot size Set from ft. to ft.	Control of the Control of the Control
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? [] Yes [XNo If yes, by whom?	posterior de la constitución de
Yield: gal./min. with ft. drawdown after hrs.	
" " "	No. a consumative for every No. 2017 9
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	
Bailer test 25 gal./min. with 3 ft. drawdown after 1 hrs.	
Artesian flow g.p.m.	
Temperature of water 59Depth artesian flow encountered ft.	Work started 4/3/ 1980 Completed 4.3.1980
(9) CONSTRUCTION:	Date well drilling machine moved off of well 4/3/1980
	Drilling Machine Operator's Certification:
Well seal-Material used Cement  Well sealed from land surface to 50 ft.	This well was constructed under my direct supervision.
Diameter of well bore to bottom of seal10in.	Materials used and information reported above are true to my best knowledge and belief.
Diameter of well bore below seal	11/2/080
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)
low was cement grout placed?  Pressure Grouted	Drilling Machine Operator's License No. 65
drouted	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
Was a drive shoe used? X Yes 🗌 No Plugs Size: location ft.	true to the best of my knowledge and belief.  Name PAGE BROTHERS DRILLINB
Did any strata contain unusable water?   Yes No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address RT 2 BOX 371 VALE, OREGON 97918
Method of sealing strata off	Winder Off 12
Was well gravel packed? ☐ Yes X No Size of gravel:	[Signed] (Water Weil Contractor)
Gravel placed from ft. to ft.	Contractor's License No. 564 Date 4/7/19 80
	2400

WATER RESOURCES DEPARTMENT.
SALEM, OREGON 97310
within 30 days from the date
of well completion.

# [ WATER WELL REPORT]

### STATE OF OREGON

(Please type or print)

State	Well No. 185/4/56 -36 hc
State	Permit No.

	· · · · · · · · · · · · · · · · · · ·			
(1) OWNER:	(10) LOCATION OF WELL:			
Name Del Colerick	County Malheur Driller's well n			
Address Box 144- Vale, Oregon 97918	S.W 14 N.W.4 Section 32 T.18	R. 4	5	<u>W.M</u> .
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	on corne	er	
New Well A Deepening Reconditioning Abandon Reconditioning Abandon Reconditioning				
	(11) WATER LEVEL: Completed w	_		
Rotary III Driven []	Depth at which water was first found	0		12 7C
Cable	Static level O ft. below land	surface.	Date 2	. 12- (5
Dug   Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per square	e inch.	Date	
) CASING INSTALLED: Threaded Welded T	(12) WELL LOG: Diameter of well 1  Depth drilled 235 ft. Depth of compl			
" Diam. from ft. to ft. Gage				
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each stratu with at least one entry for each change of forma position of Static Water Level and indicate prin	m and a tion. Rep	iquifer po ort each	enetrated, change in
(S) PERFORATIONS: Perforated?   Yes   Yes		<del>,                                    </del>		
pe of perforator used	MATERIAL	From	To	SWL
Size of perforations in. by in.	Yellow Clay	62	62 195	
perforations from ft. to ft.	Blue Clay Blue Fine Sandstone	195	230	
perforations from	Blue Clay	230	235	
(7) SCREENS: Well screen installed? ☐ Yes ☐ XNo				
Manufacturer's Name		<u> </u>		
Type Model No.  Diam Slot size Set from ft. to ft.		<del> </del>		
Diam. Slot size Set from ft. to ft.		<b></b>		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? Tyes XNo If yes, by whom?				
Weld: gal./min. with ft. drawdown after hrs.	to be the See and to all they will			
" " "	<u> </u>			
" " # "	WATER RESOURCES DEPT			
Bailer test () gal./min. with ft. drawdown after hrs.	SALEM, OREGON			
Artesian flow g.p.m.	Criatin, Critton,			
mperature of water 76 Depth artesian flow encountered ft.	Work started 5-11- 1979 Complete	ed 5-1	2	1979
(9) CONSTRUCTION:	Date well drilling machine moved off of well	5 <b>-</b> 1	_	1979
Well seal—Material used Cement	Drilling Machine Operator's Certification:			<del></del>
Well sealed from land surface to18 ft.	This well was constructed under my	direct	super	vision.
Diameter of well bore to bottom of seal \$\beta\$ in.	Materials used and information reported best knowledge and belief.	above a	are true	to my
Diameter of well bore below seal6in.	[Signed] MM well see	Date 5	- 14	. 19.79
Number of sacks of cement used in well seal	(Driving Machine Operator)			
How was cement grout placed? Pressure Grouted	Drilling Machine Operator's License No.	b	·	···········
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdi		nd this r	eport is
Was a drive shoe used? XYes \( \Bar{\text{No Plugs}} \) No Plugs Size: location ft.	true to the best of my knowledge and bel			
Did any strata contain unusable water? 🗌 Yes 🧏 No	Name PAGE BROTHERS DRILLII		pe or pri	 nt)
Type of water? depth of strata	Address RT. BOX 371- VALE			
Method of sealing strata off	Od Tille		>-413	
Was well gravel packed? [] Yes [] No Size of gravel:	[Signed] (Water Wen Contr	actor)	The second	<del></del>
Gravel placed from ft. to ft.	Contractor's Ligense No. 564 Date .5.			1970
	, July = = 10y^	, –		

#### DRILL HOLE LOG - COVER SHEET

LOCATION 1Township/Range/Section 185/45E - 3266 1State Oceana Topo. Quad. Vale Cast 7/2 AMS Quad. Boise. Elevation 2390 feet 2693 meters [Source 11565] <sup>1</sup>Latitude <u>H3 57 52' kl</u> <sup>1</sup>Longitude <u>H3' 13' 52"</u> THole Owner (and Number) Del Cole CKL 3 Vale Oc. \*Date(s) Logged Siniffer \*Inclination & Bearing \caption all 1 Geologic Province of Santa Control Reservitions KEY INFORMATION 2Depth Logged ○ ↑ 7500 2Max. Temp. 2-1.18 2Bottom Hole Temp. 23.18 2Depth to Water 20035 No. 2Min. Temp. 17/19 2Surface Temp. DRILLING INFORMATION Drilling Contractor and Address Fig. 300 Drilling Dates 5/12/79 Drilling Method Gir rotary Drilled Depth 235' Comments TERRAIN INFORMATION Ground Cover, Collar Gras: ; Within 150 m Same A Court with Topographic Setting, Local Relief. Local (m) 20,000 ; Regional (m) 10 Slope Orientation, Local (3); Regional (4) Slope Angle, Local ; Regional \_\_\_\_\_ HEAT FLOW INFORMATION Shape of T-D Curve Linear Quality of Gradient B Purpose of Hole Teist - Line of his and "Geologic Log (include aquifers) Orbe Sandy yellow clay 62-195 Blue Clay 145-230 blushish fine SS; 230 235 256 blue Clay \*Geophysical Logs Available <u>None</u> Thermal Conductivity Samples <u>none</u> "Radioactivity Samples \_\_\_\_\_\_ References Comments owner drilled as a test for Α HESTERMAN DES THE PERSON THE C D

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT.

SALEM, OREGON 97310

within 30 days from the date

of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No. 185/445-330
----------------------------

State	Well	No	100		<b>)</b> (.?(
State	Pern	nit No	),	 	*****

(4) OTHER	(10) TOCAMION OF WIFE I
(1) OWNER:	(10) LOCATION OF WELL:
Name NEIL HIATT Address VALE, OREGON 97918	NE 14 NE14 Section 23 T. 18 R. 44 W.M.
Address VALE, OREGON 97918	
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(44) YEARD TOUR C. 1. 1. 18
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed well.
Patery Of Briven O	Depth at which water was first found 95 ft.
Cable	Static level 38 ft. below land surface. Date 6/27/80
Dug   Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded TY.  6 "Diam from +1 ft to 19 ft Gage 250	(12) WELL LOG: Diameter of well below casing
"Diam from ft. to ft. Gage ft. Cage	Depth drilled 308 ft. Depth of completed well 308 ft.
" Diam from ft. to ft. Gage ft. Gage	Formation: Describe color, texture, grain size and structure of materials;
	and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in
(6) PERFORATIONS: Perforated?   Yes  No.	position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Top Soil 0 2
perforations from	Brown Clay 2 5
perforations from ft. to ft.	Nedium Sand & Gravel   5   13   Brown Clay   13   22
perforations fromft. toft.	Brown Clay   13 22   Soft Brown Sandstone   22 44
(7) SCREENS: Well screen installed?   Yes  No	Brown Clay 44 80
Manufacturer's Name	Blue Clay w/ Streaks of
Type Model No.	Sand 80 308 38
Diam. Slot size Set from ft. to ft.	
Diam. Slot size Set from ft. to ft.	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? Yes No If yes, by whom?	REV in to an U
Yield: gal./min. with ft. drawdown after hrs.	AUGO '7 1980
" " " "	
" " H N	WATER RESOURCES DEPT
Bailer test 1 gal./min. with 2]2ft. drawdown after ] hrs.	SALEM, OREGON
Artesian flow g.p.m.  Comperature of water L. Depth artesian flow encountered ft.	
the conference of water /2 Depth aresian now encountered	Work started 6/27/80 19 Completed 6/27/80 19
(9) CONSTRUCTION:	Date well drilling machine moved off of well 6/27/8() 19
Well seal—Material used CIMINI	Drilling Machine Operator's Certification:
Well sealed from land surface to 19 ft.	This well was constructed under my direct supervision.  Materials used and information reported above are true to my
Diameter of well bore to bottom of seal	best knowledge and belief.
Diameter of well bore below seal	[Signed] (Drilling Machine Operator) Date 6/27/8, 19
How was cement grout placed? PRESSURE GROUTED	Drilling Machine Operator's License No
	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.
Vas a drive shoe used? X Yes No Plugs Size: location ft.	Name PAGE BROTHERS DRILLING
Old any strata contain unusable water?   Yes   No	(Person, firm or corporation) (Type or print)
Cype of water depth of strata	Address RT 2 BOX 3 VALE, OREGON 9791
dethod of sealing strata off	[Signed] Wantie Dane
Nas well gravel packed? 🛘 Yes 🕻 No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's Ligense No. 564 Date 6/27/80 , 19

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State	Well	No.	195/425-240
State	wen	No.	1.00 -10.

:	State	Well No. $175/40E-040$	(
:	State	Permit No	

(1) OWNER:	(10) LOCATION OF WELL:	
Name RAY ANDERSON	County NALHEUR Driller's well number	
Address RT 1 BOX 60 VALE, OREGON 97918	SW 14 SE 14 Section 24 T. 19 R. 42 W.	.M.
	Bearing and distance from section or subdivision corner	
(2) TYPE OF WORK (check):		
New Well [ Deepening  Reconditioning  Abandon		
If a bandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 350	ft.
Rotary 15 Driven Domestic K Industrial Municipal	Static level 20 ft. below land surface. Date 6/30	
Carle		
	Artesian pressure lbs. per square inch. Date	
(5) CASING INSTALLED: Threaded  Welded T	(12) WELL LOG: Diameter of well below casing	
6 " Diam from 0 ft. to 21: ft. Gage 250	Depth drilled 480 ft. Depth of completed well 480	ft.
" Diam. from ft. to ft. Gage		,
	Formation: Describe color, texture, grain size and structure of materia and show thickness and nature of each stratum and aquifer penetrate	
(A) PROMODA MYONG	with at least one entry for each change of formation. Report each change	
(6) PERFORATIONS: Perforated?   Yes 10 No.	position of Static Water Level and indicate principal water-bearing stra	ita.
Type of perforator used	MATERIAL From To SWI	L
Size of perforations in. by in.	Top Soil w/ Boulders 0 21	
perforations from ft. to ft.	Yellow Clay 21 10	
perforations from ft. to ft.	Brown Clay 40 80	
perforations from p ft. to ft.	Red Clay   80 100	
(7) SCREENS: Well screen installed?   Yes Y No	Blue Clay         100         330           Black Rock         330         335	
(1) SCREENS: Well screen installed?  Yes Y No	Black Rock 330 535 Yellow Clay 335 550	
Type Model No.		0
Di: m. Slot size Set from ft. to ft.	Blue Clay 350 480 2	
Diem. Slot size Set from ft. to ft.		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level		
Was a pump test made?   Yes To No If yes, by whom?	ML VELL	
Yield: gal./min. with ft. drawdown after hrs.		
" " " "	AUGG 7 1980	
	WATER RESOURCES DEPT	
	SALEM OREGON	
Bailer test 25 gal./min. with 280ft. drawdown after 1 hrs.		
Artesian flow g.p.m.		
Temperature of water () Depth artesian flow encountered ft.	Work started $6/27/80$ 19 Completed $6/30/80$ 19	
(9) CONSTRUCTION:	Date well drilling machine moved off of well $6/30/80$ 19	
Control	Drilling Machine Operator's Certification:	
We I seal—Material used  We I sealed from land surface to 18 ft.	This well was constructed under my direct supervision	on.
Digmeter of well bore to bottom of seal	Materials used and information reported above are true to r	
Diameter of well bore below seal in.	best knowledge and belief	80
Number of sacks of cement used in well seal	[Signed] [Marting Machine Operator] Date 7/27/, 19	.9.0
How was cement grout placed? PRESSURE : GROUTED	Drilling Machine Operator's License No	
	Water Well Contractor's Certification:	
	This well was drilled under my jurisdiction and this report	is
Was a drive shoe used? [LYes   No Plugs Size: location ft.	true to the best of my knowledge and belief.	
Dic any strata contain unusable water?   Yes  No	Name PAGE BROTTLERS DRILLING (Person, firm or corporation) (Type or print)	
Type of water? depth of strata	Address RT 2 BOX 371 VALE @REGON 979	)18
Me hod of sealing strata off	11/1/10/0)-	
	[Signed] [ Water Well Contractor)	
Was well gravel packed? [ Yes ] No Size of gravel:	564 7/21/80	
Gravel placed from ft. to ft.	Contractor's License No. Date 1721700 , 19.	

# The original and first copy of this report are to be filed with the ATTER RESOURCES DEPARTMENT. SALEM, OREGON 97310 AUGO WATER WELL REPORT

AUGO 7 1980 lease type or print)

State Well No	190/	426-30
State Well No	1901	426-30

State	Well No.	110	1-740	
C4-4-	D	<b>.</b>		

within 30 days from the date of well completion. WATER RESOURCESOLDERIA	ove this line)			
SALEM, OREGON	page 1 of 2	·		
(1) OWNER:	(10) LOCATION OF WELL:			
Name HINE HILE FARHS	County MALHEUR Driller's well no	ımber		
Address 197 A ST E BON 329 VALE. OREGON	NW 14 HW 14 Section 30 T.19S	R. 42	<u> </u>	W.M.
	Bearing and distance from section or subdivisi			
(2) TYPE OF WORK (check):				
New Well [] Deepening [] Reconditioning [] Abandon []				
i abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	الم		
(3) TYPE OF WELL: (4) PROPOSED USE (check):		150		4.
Rotary 'O Driven D	Depth at which water was first found			ft.
Cable	Static level () ft. below land:			<u> 2715</u>
Dug   Bored   Irrigation   Test Well X Other	Artesian pressure   lbs. per square	e inch.	Date 6	2118
(5) CASING INSTALLED: Threaded  Welded M	(12) WELL LOG: Diameter of well	_		611
6 "Diam from 0 ft. to 182 ft. Gage 250				
12 " Diam. from 0 ft. to 14 ft. Gage • 250	Depth drilled 510 ft. Depth of compl			
ft. To ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each stratu			
AL DEPOS ASSOCIA	with at least one entry for each change of forma	tion, Repo	rt each c	hange in
(6) PERFORATIONS: Perforated? ☐ Yes ☐ XNo.	position of Static Water Level and indicate prin	icipal wat	er-bearin	g strata
Type of perforator used	MATERIAL	From	To	SWL
Size of perforations in. by in.	Gravely Clay	0	12	
perforations from ft. to ft.	Fractured Fine Basalt	15	35	
perforations from ft. to ft.	Black Basalt	35	50	
perforations from ft. to ft.	Brown Basalt	50	$\frac{85}{300}$	
(7) SCREENS: Well screen installed?  Yes T No	Bluish Basalt Bluish Basalt Harder	85 100	<u> 1.00 </u> 120	
Manufacturer's Name	Blue Basalt	120	14.5	
Type Model No.	Red Basalt	1/25	150	
Diam. Slot size Set from ft. to ft.	White Sandstone Fracture		-1501	
Diam. Slot size Set from ft. to ft.	Fine	150	165	
	Fine Brown Sandstone	165	185	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Coarse Sandstone	185	200	
Was a pump test made? [] Yes [] No If yes, by whom?	Brown Basalt	200	205	
Yield: gal./min. with ft. drawdown after hrs.	Coarse Hard Sandstone	205	21:0	
" " "	Clay Blue	240	250	
" " " "	Clay Blue	250	260	
Bailer test 90 gal./min. with 150tt. drawdown after 1 hrs.	Fine Clay	260	285	
7	Coarse Sandstone	285	_300	
Artesian flow / g.p.m.	Coarse Sandstone	300	320	
remperature of water 120Depth artesian flow encountered185 ft.	Work started 6/15/80 19 Complete	ed 6/	<u> 27/80</u>	19
9) CONSTRUCTION:	Date well drilling machine moved off of well	6/	<u> 27/80</u>	) 19
Vell seal—Material used Cement  Vell sealed from land surface to 182 ft.  Diameter of well bore to bottom of seal 12 in.	Drilling Machine Operator's Certification: This well was constructed under my Materials used and information reported best knowledge and belief.	above a	re true	to my
Diameter of well bore below seal in.  Number of sacks of cement used in well seal 1+0 sacks	[Signed] (Drilling Machine Operator)	_	/30/8	Q9
low was cement grout placed? PRESSURE GROUTED	Drilling Machine Operator's License No.	65		• • • • • • • • • • • • • • • • • • • •
	Water Well Contractor's Certification:	_		
	This well was drilled under my jurisd		d this re	port is
Nas a drive shoe used? - Yes No Plugs Size: location ft.	true to the best of my knowledge and bel Name PAGE BROTHERS DRILL	ING		·····
Did any strata contain unusable water?  Yes No	(Person, firm or corporation)  Address RT 2 BOX 371 VALE,	OREG(	pe or prin	7918
Type of water? depth of strata	Address 111 C 350A 7 (1 VAIII)	الك لينايد		
Method of sealing strata off	[Signed] Manhael M	Lane		
Was well gravel packed? Tes No Size of gravel:	(Water Well Conti		0.6	
Gravel placed from ft. to ft.	Contractor's License No. 564 Date	5/30/	5()	, 19

WATER RESOURCES DEPARTMENT. SALEM, OREGON 97310 within 30 days from the date of well completion.

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

(Do not write above this line).

		VE.	_19
State Well No.	1021	1125	

State Permit No.

-- De ATTORNET COMPANY

(1) OWNER:	(10) LOCATION OF WELL: 1/2 - 12/4 - 19
Name W. Ron Stroud	County Malheur Driller's well number 79-2
Address P.O. Box 413	Iot 2000 14 Section 19 T. 18S R. 15E W.M.
Vale, Oregon 97918	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	
New Well Deepening Reconditioning Abandon	
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 85 ft.
Fotary [] Driven [] Cable X Jetted []  Domestic X Industrial [] Municipal []	Static level 44 ft. below land surface. Date 5/20/79
Dug Bored I Irrigation Test Well Other I	Artesian pressure lbs. per square inch. Date
8 "Diam. from 0 ft. to 31 ft. Gage 250  "Diam. from ft. to ft. Gage (6) PERFORATIONS:  Threaded Welded 2 250  Threaded Velded 2 250	(12) WELL LOG: Diameter of well below casing 8th  Depth drilled 200 ft. Depth of completed well 200 ft.  Formation: Describe color, texture, grain size and structure of materials: and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.
ype of perforator used	MATERIAL From To SWL
Size of perforations in. by in.	Top soil 0 3
perforations from ft. to ft.	Clay, hard, gray 3 24 Clay, gray 2h 85
perforations from ft. to ft.	Clay, gray 24 85 Clay, blue, water bearing 85 44
perforations from ft. to ft.	Clay, blue 85 200 44
(7) SCREENS: Well screen installed?  Yes No  Manufacturer's Name   Type	NOV 3 0 1979  WATER RESOURCES DEPT  SALEM, OREGON
" " "	
Bailer test gal./min. with ft. drawdown after hrs.	
Artesian flow g.p.m.  Femperature of water 62 Depth artesian flow encounteredft.	Work started 5/18 19 79 Completed 5/22 19 79
Temperature of wateroz Depth artesian now encountered	
(9) CONSTRUCTION:	Date well drilling machine moved off of well 5/22 19 79
Well seal—Material used  Well sealed from land surface to 29 ft.  Diameter of well bore to bottom of seal 12 in.  Diameter of well bore below seal 8 in.  Number of sacks of cement used in well seal 27 sacks  How was cement grout placed? With grout pump	This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge and belief.  [Signed] Drilling Machine Operator' Date Date Drilling Machine Operator's License No. 90
	Water Well Contractor's Certification:
	This well was drilled under my jurisdiction and this report is
Was a drive shoe used?  Was  No Plugs Size: location ft. Old any strata contain unusable water?  Yes  No	true to the best of my knowledge and belief.  NamePIONEER WATER DEVELOPMENT, INC2 (Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address Rt. 3 Box 493 Ontario, Oregon 97914
Method of sealing strata off	11 01111 210
Was well gravel packed? [] Yes X No Size of gravel:	[Signed] (Water Wein Contractor)
Gravel placed fromft, toft	Contractor's License No. 396 Date 1

# DRILL HOLE LOG - COVER SHEET

# LOCATION

Township/Range/Section 185/45E-29ba 2 1State Oregon
Township/Range/Section 185 /45E-29baz 1State Oregua  Topo. Quad. Vale Fast 71/2 1AMS Quad. Boise.
Elevation 2245 feet 2 meters [Source USGS 71/2 ]
1Latitude 43 58 45" \ 1Longitude 117° 14' 07"
Hole Owner (and Number) City of Vale
1Date(s) Logged 7/30/80 4Inclination & Bearing Vectoral
1 Geologic Province western Stake Flyer Plain
KEY INFORMATION
2Depth Logged 3sm 2Max. Temp. 3447 2Bottom Hole Temp. 34.47
2Depth to Water 210m 2Min. Temp. 30.57 2Surface Temp.
DRILLING INFORMATION
Drilling Contractor and Address Page Bors Well Drilling
Drilling Contractor and Address <u>Page Bres Well Drilling</u> Vale Or. 2Drilling Dates <u>week of 7/21/8.</u>
Drilling Method Air Rotary Drilled Depth 2001 (61m)
Hole Size and Casing Record 9' Surface cowny to ? fu.
Comments
TERRAIN INFORMATION
Ground Cover, Collar Sparse Sage; Within 150 m Same
Topographic Setting, Local RIN BED FLHAK; Regional WALLEY
Relief, Local (m) 80m; Regional (m) 215 m
Slope Orientation, Local wow; Regional w
Slope Angle, Local ; Regional
HEAT FLOW INFORMATION
Shape of T-D Curve Quality of Gradient
Purpose of Hole Loc HF
"Geologic Log (include aquifers)
"Geophysical Logs Available nenc
Thermal Conductivity Samples
"Radioactivity Samples
References
Comments could probably get logs from Dig Bros Dulling B
City didn't have them

B.

0125775C

## DRILL HOLE LOG - COVER SHEET

### LOCATION

¹Township/Range/Section 185/45E- 29661 ¹State Ore	900	
Topo. Quad. Vale East 71/2 1AMS Quad. Boise	7	
*Topo. Quad. Valetast 71/2 1AMS Quad. Boise  Elevation 2240 feet 2/583 meters [Source USGS 71/2]	<i>'</i>	]
1Latitude 43° 58' 42" N 1Longitude 117" 14' 18"		
Hole Owner (and Number) City of Vale		
10.4 (-) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1.		
1Date(s) Logged 7/29/80 4Inclination & Bearing Vertice 1Geologic Province watern Snoke River Plain	<u>al</u>	
KEY INFORMATION		
<sup>2</sup> Depth Logged 17 <sup>1/2</sup> m <sup>2</sup> Max. Temp. 21.18 <sup>2</sup> Bottom Hole Temp.	21.16	
<sup>2</sup> Depth to Water <sup>210</sup> <sup>2</sup> Min. Temp. 25 35 <sup>2</sup> Surface Temp.		
DRILLING INFORMATION		
Drilling Contractor and Address <u>Page Bros Well Drilling</u>	كلاخ	alc.
Oregon 2Drilling Dates	5/80	·
Drilling Method Arc Retury Drilled Depth 50' (24	m)	
Drilling Contractor and Address <u>Page Bros Well Drilling</u> Oregan  Drilling Method Air Return Drilled Depth So' (25)  Hole Size and Casing Record 6" surface casing to? for		
Comments		
TERRAIN INFORMATION		
Ground Cover, Collar Space Segetion; Within 150 m Sem	<u>e</u>	·
Topographic Setting, Local RN BEC FLANK; Regional NALL	<u> </u>	
Relief, Local (m) Scm; Regional (m) 200		
Slope Orientation, Local; Regional		
Slope Angle, Local; Regional		
HEAT FLOW INFORMATION		
Shape of T-D Curve Quality of Gradient D	)	
Purpose of Hole Low HE		
"Geologic Log (include aquifers) have		
*Geophysical Logs Available		
Thermal Conductivity Samples		
4Radioactivity Samples		
References		
Comments cover had been popped off well - prob Kids	В	А
throwing things in 11.		
		l n

### TEMPERATURE-DEPTH LOG

Hole Name C.	ly of Vale (s	hallow) Twy	/Rg/Sec <u>                                     </u>	<u> </u>
Company/Owner	(address) _ Obove	Но]	le No. 185/45E	
Map Vale Ea	St 71/2 Drill Dep		<u> 80' </u>	
Probe, Cable,	Bridge WB 2		erator <u>GL Blo</u>	
Comments		Dat	te Probed 7/29/8	<u> </u>
Depth meters	Resistance ohms	Temperature <sup>O</sup> C	<b>∆</b> T/ <b>∆</b> × °C/km	Comments
	3.9500	2o.3§	_	
12/2	3.8816	21.01	<del></del>	
15	3.8639	21.12		
171/2	3.8542	21.18	<del></del>	
20	bottom			
22.42				**************************************
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## DRILL HOLE LOG - COVER SHEET

LOCATION

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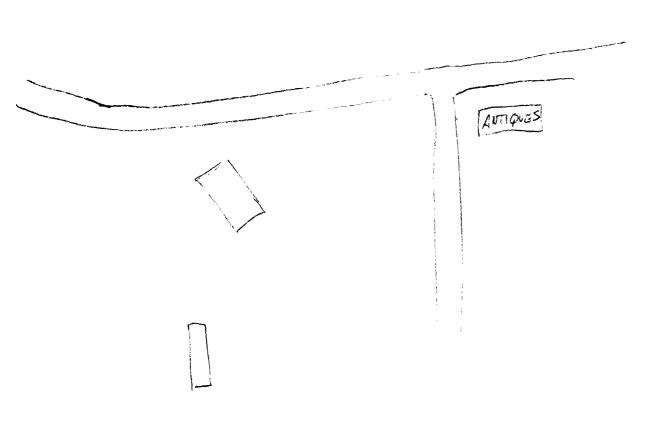
Township/Range/Section 185/45E Zocc State Cre Topo. Quad. Vale East 7/2 AMS Quad. Bosse	gen
*Topo. Quad. Vale East 7/2 AMS Quad. 13015	
Elevation 2340 feet 2683 meters [Source USGS 7/2	
*Latitude 48 54 66 Longitude 107 147	
Hole Owner (and Number) Criggs Aprecy	
1Date(s) Logged $\frac{6/25/5c}{4}$ 4Inclination & Bearing Vertica	
¹Geologic Province	
KEY INFORMATION	
<sup>2</sup> Depth Logged <sup>2</sup> Max. Temp. <sup>2</sup> Bottom Hole Temp.	
<sup>2</sup> Depth to Water <u>&lt; cm</u> <sup>2</sup> Min. Temp. <sup>2</sup> Surface Temp	
DRILLING INFORMATION	
Drilling Contractor and Address Ocide Brother: Drilling iv.  2 Drilling Dates 123182 ender  Drilling Method Oct rotacy Drilled Depth 1000'	ale jor.
2 Drilling Dates 2/2/180 ende	ed o reday
Hole Size and Casing Record 6" 4: 235'	
Comments	
TERRAIN INFORMATION	
Ground Cover, Collar <u>Soil</u> ; Within 150 m <del>Saine</del>	0550-1600
Topographic Setting, Local ; Regional ; Regional	
Relief, Local (m); Regional (m)	
Slope Orientation, Local <u>Ferry</u> ; Regional	X.
Slope Angle, Local; Regional	
HEAT FLOW INFORMATION	
Shape of T-D Curve Quality of Gradient	9
Purpose of Hole	
*Geologic Log (include aquifers) <u>Sec reserve</u>	
*Geophysical Logs Available	<del></del>
Thermal Conductivity Samples <u>cuttings</u>	
"Radioactivity Samples <u>None</u>	
References	
Comments have has paved in at learn; owners may	ВА
despen, will contact dept. for logging if they do j planned to use well as not were supply	
for alconal plant, hole is making a little gas	C D

IUKE	•	~	-
_			

### TEMPERATURE-DEPTH LOG

Hole Name	Griggs Apr	Twp/	'Rg/Sec 185 / 45	
		•	No. 185/456	
		•	rator <u>G</u> L	
Comments			Probed $6/2$	
Depth meters	Resistance ohms	Temperature <sup>O</sup> C	∆T/∆× °C/km	Comments
10	5.1240	14.14	15 lo	
	<u>4.9607</u>	1497		
	4.8273	15.63	132	
-25	4.6990	16.28	130	
<u> </u>	45841	16.59	122	
31	4.4749	1748	118	
<u> 40</u>	4.3587	14.13	130	
45	4.2,74	18.71	116	J
SU	4-1366	19 42-	142	i ;
<u> </u>	4.0328	20.05	126	
60	3 9233	20.14	138	1
لعار	3 8133	2145	142	
7+	3 7035	22.19	148	
	3 6:31	27.	122	:
5 v	3.5122	2355	144	
	3.4117	24,27	148	
9 <sub>v</sub>	3.3100		154	<del></del>
4.	3.209y	25.04	160	
		25.84	136	
	3.1262	26.52		
	3.12 28	26.54		· · · · · · · · · · · · · · · · · · ·
				B A C D

[26] FAS 174 VALE WEST HWY NO Municipa. Reservoir FAS B495 MALHEUR COUNTY, OREGON PREMARED BY THE
OREGON DEPARTMENT OF TRANSPORTATION
IN COMPARTMENT OF TRANSPORTATION
U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HISBURY ADMINISTRATION T. 18 S., R.48E Revised April 1978 Population 1,850 LEGEND PUBLIC AND A TERRATY SCALE 800 1600 2400 FEET CADA FERMINATION OF EA STREEM Copies of this map are available at nominal cost from Oregon Dept of Transportation, Sciem, Oregon 97316.



Tack Walker — # 6 well log 62° F 342

P.O. Box 426 Vale 473-2588

Called 9/16/80 No reply @ 3:00 pm

8:30 pm.

Called 9/17/80 Talked to his daughter and got

exact location — will have Ma. Walker call collected to

sic about taking water sample

Timothy M. Smith. #9 well log 68° F 370'

Rt. 2, Vale 473-2517

Number disconnected - no name listed w/Vale

directory assistance

Elvard Roy # 15 well log 65° F 315'

RT. 2, Box A-25 Vale 473-2360

Called 9/16/80 No regely @ 3:00 p.m.

Come out them 5t. goes north, 4 blocks pust

old gravel pit turn st., go 2 blocks, left

4 mlex - only house in the area.

Mr. Roy will let us sample the water, could

sum temperature probe if we let him benow

shead of time.

Patrick D. Timdell #29 well 48°F, 138'

Called 9/16/80 he reply at 3:00 p.m.

8:30 p.m.

Chiai Freeze # 30 well (No Townsite)

524 Ach St # 31 well f

(Rt. 2, Box D2)

Both wells at 524 Ash St., one pumping

Can sample either one and make analysis as

long as it soem to tell me the water isn't fit to

James Hawley # 36 well 200°F, 680'

P.O. Box 225 473-2878

Called a/16/80 No reply et 3:00 pm

Called a/17/80 No reply at 9:00 pm.

Jamisten, Oregon 2:00 a.m.

Cappel, not pumped. Well driller in Jameison was
behind Proven Development, cline.

Egist Fuhrmannen # 39 well (1878 - 100)

(1803 400)

(1803 400)

Lent Own two wells (abor of 25 forter) port and 100 well oughted field for goodsmire but the delin't get temperature. They work to own that

Don Housell # 60 well 388 F , 200'

10x Lot 407

10x Lot 407

10x Lot 407

Only own one well now (20' Mell) stational bound with promp from the same water honger. We well one wellow it sample it

 Robert Butter

Ferman Olson #64 well 60° F at 61°

Box 674 473-2418

Called 9/16/80 No reply at 3:00 p.m.

9:30 p.m.

Try to call back 9/18 or 9/19

Pel Colenick

In 700 Tox block (location Local't give w/well Gong Black tested and ram temp-tepth log DOGRM 1 (?!!) Cased through the good water Lydel Blod— Page Bros. Prilling will soon another well Stor Dentinger # 38
Called 9/16/80

70°F, 83 will return to vale on 9/19 a

Allen Anthony #41 well 473-2889

Called 9/16/80 will be back 9/17/80 p.m.