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Attachment 3

Well Logs

Transfer for Certificates 68683 & 23384

T 12977

STATE ENGINEER
Salem, Oregon

*Bake
1/6/49*

Well Record

STATE WELL NO. 9/40-28D(1)
COUNTY Baker
APPLICATION NO. _____

OWNER: Calif. Pacific Utility Co.

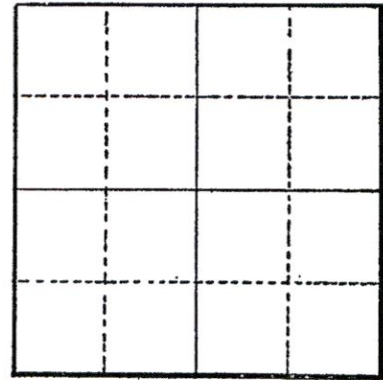
MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: _____

NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28 T. 9 S., R. 40 W, W.M.

Bearing and distance from section or subdivision corner _____



Section _____

Altitude at well 3,479

TYPE OF WELL: drilled Date Constructed _____

Depth drilled 578 Depth cased 100+

CASING RECORD: 15 inches

FINISH: _____

AQUIFERS: Basalt

WATER LEVEL: 39.3 feet below land surface, March 15, 1949

PUMPING EQUIPMENT: Type turbine H.P. _____
Capacity 1050 G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Industrial Temp. _____ °F., 19____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

Hardness 90 ppm, chloride 9 ppm. Temp. of water 58° F.

1 12977

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
within 30 days from the date
of well completion.

RECEIVED WATER WELL REPORT

STATE OF OREGON

SEP 22 1977 (Please type or print)

WATER RESOURCES DEPT

SALEM, OREGON

NC

Baker 1153

State Well No. 95/40E-206d

State Permit No. **RECEIVED**

JUL 19 2018

(1) OWNER:

Name Baker Municipal Golf Course
Address Baker, Oregon

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
" Diam. from 2 1/2 ft. to 3 1/2 ft. Gage 1.250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

of perforator used factory mill
Size of perforations 1/8 in. by 2 3/4 in.
1530 perforations from 2 1/2 ft. to 3 1/2 ft.
perforations from _____ ft. to _____ ft.
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.

(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: 320 gal./min. with 1-1/2 ft. drawdown after 3 hrs.
compressor " " "
" " " "
" " " "
Baller test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____

perature of water 48 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement Grout
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 15 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 14 sacks
How was cement grout placed?
kumped thru drill pipe

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did 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: 3/8 pea
Gravel placed from 20 ft. to 3 1/2 ft.

(10) LOCATION OF WELL:

County Baker Driller's well number _____
SE 1/4 NW 1/4 Section 20 T. 9S R. 40E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 248 ft.
Static level 80 ft. below land surface. Date 9-15-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 0

Depth drilled 349 ft. Depth of completed well 349 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.

MATERIAL	From	To	SWL
Top Soil	0	1	
Fractured Basalt	1	12	
Sand Stone Dark Br with B. Clay	12	55	
Sand Stone Red	55	70	
Sand Stone Blk	70	248	
Basalt Fractured	248	288	55
Basalt with streaks Clay Blue - white	288	314	↑
Basalt Red Cap	314	321	
Basalt Fractured - streaks of Clay Blue	321	328	
Basalt Red Cap	328	334	↓
Basalt Blk	334	349	25

Work started 7-10 1977 Completed 9-15 1977

Date well drilling machine moved off of well 9-15 1977

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] Ernest Jensen Date 9-18, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 604

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 Northwest Drilling
(Person, firm or corporation) (Type or print)

Address Page City, Oregon

[Signed] Bond Jole
(Water Well Contractor)

Contractor's License No. 587 Date 9-19, 1977

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

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WATER WELL REPORT

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

AUG 3 1977 STATE OF OREGON
(Please type or print)
WATER RESOURCES DEPT.
SALEM, OREGON (Do not write above this line)

Baker 1148

State Well No. 95/40E-1901
State Permit No. G-7635

(1) OWNER:

Name CITY OF BAKER #1
Address BAKER, OREGON

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
16" Diam. from +2 ft. to -20 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.
of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ 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.

(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.
ST. 1500 GPM AIR LIFT " "
MP TEST WILL BE MADE LATER " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
perature of water 68 Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:

Well seal—Material used NEAT CEMENT
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 16 in.
Number of sacks of cement used in well seal 15 sacks
How was cement grout placed? _____
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did 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: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County BAKER Driller's well number 024-77
NW 1/4 SE 1/4 Section 19 T. 9S. R. 40 E. W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 195 ft.
Static level 177 ft. below land surface. Date 7-30-77
Artesian pressure lbs. per square inch. Date _____

(12) WELL LOG:

16" to 500 FT. Diameter of well below casing 10" to 800
Depth drilled 800 ft. Depth of completed well 800 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.

MATERIAL	From	To	SWL
SILT SOIL	0	2	
MED HARD BROWN BASALT	2	68	
GREY BASALT	68	110	
BROWN BASALT	110	173	
BROKEN BROWN W/ SOAPSTONE	173	195	W.B.
SOFT BROWN W/ SOAPSTONE	195	236	
BROWN BASALT	237	270	
RED BASALT	270	276	ALB.
BROWN BASALT	276	316	
BROKEN BROWN "	316	320	W.B.
BROKEN W/ SOAPSTONE	320	355	
HARD GREY BASALT	355	381	
RED BROKEN BASALT	381	400	W.B.
GREY "	400	505	
HARD GREY BROKEN	505	528	
GREY W/ SOAPSTONE	528	633	
HARD GREY BASALT	633	700	
SOFT GREY & BROKEN	700	711	W.B.
SOFT GREY	711	800	

Work started 7-18 19 77 Completed 7-30 19 77
Date well drilling machine moved off of well 8-1 19 77

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] Phillip Wallace Date 8-1, 19 77
(Drilling Machine Operator)
Drilling Machine Operator's License No. 886

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 WALLACE WELL DRILLING CO.
(Person, firm or corporation) (Type of print)
Address 6 SKYLINE DR. TENDLETON
[Signed] Phillip Wallace
(Water Well Contractor)
Contractor's License No. 583 Date 8-1, 19 77

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # L 55508
START CARD # 163029

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER CITY OF BAKER CITY Well Number _____
Name CITY OF BAKER CITY
Address P.O. Box 650
City BAKER CITY State ORE. Zip 97814

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 518 ft.
Explosives used Yes No Type _____ Amount _____

HOLE SEAL - NOT DISTURBED

Diameter	From	To	Material	From	To	Sacks or pounds
15"	500'	520'				

How was seal placed: Method A B C D E
 Other OCURRED
Backfill 520 ft. to 570 ft. Material BASALT FRAGMENT
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER: - MEASUREMENTS FROM GROUND SURFACE

Liner Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
14"	3'	43'	.250"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	345'	343.5'	.375"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	345'	307.5'	.250"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12"	507.5'	518'	.375"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive pipe used Inside Outside None
Final location of RING: 518' (RING IS 12" O.D. X 10" I.D.)

(7) PERFORATIONS/SCREENS: 1" THICK

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
345'	507.5'	3" x 1/4"	7344	12"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
43'	343.5'	100		14"	PS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County BAKER Latitude _____ Longitude _____
Township 9S N or S Range 40E E or W. WM.
Section 19 NE 1/4 SW 1/4
Tax Lot 600 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 4100 INDIANA AVE. BAKER CITY, ORE 97814

(10) STATIC WATER LEVEL:
240 ft. below land surface. Date 02-13-04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
	N		
	A		

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
- ATTEMPT TO CLEAN ORIGINAL HOLE USING AN 8" BIT :	500'	570'	
- ORIGINAL HOLE ENLARGED FROM 10" TO 15" DIAMETER	500'	520'	
- BACKFILLING OF HOLE OCCURRED WHILE ENLARGING HOLE REAMING 10" TO 15"			
BACKFILL	520'		
BOTTOM OF BACKFILLED HOLE UNKNOWN & ASSUMED TO BE		570'	

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MAY 07 2004

WATER RESOURCES DEPT
SALEM, OREGON

Date started DECEMBER 10, '03 Completed FEB. 13, '04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 633
Signed Michael Waldrop Date 05-01-04

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STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765)

(WELL I.D.)# L 55508 (START CARD) # 167811

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number Baker 1148 Name City of Baker City Address PO Box 650 City Baker City State OR Zip 97814

(2) TYPE OF WORK: [] New Well [] Deepening [X] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD: [X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Other

(4) PROPOSED USE: [] Domestic [X] Community [] Industrial [] Irrigation [] Thermal [] Injection [] Livestock [] Other test

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 800 ft. Explosives used [] Yes [] No Type Amount

Table with columns: HOLE Diameter, From, To; SEAL Material, From, To; Sacks or pounds. Entry: See Baker 1148 for original Construction data.

How was seal placed: Method [] A [] B [] C [] D [] E [] Other

Backfill placed from 748 ft. to 800 ft. Material Pea Gravel Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Entry: 503, 748, .250, 5,880, 6"

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [] Bailer [] Air [] Flowing Artesian. Yield gal/min 1,800 Drawdown 54.5 Time 1 hr.

Temperature of water F Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Baker Latitude Longitude Township 9 S Range 40 E WM. Section 19 NE 1/4 SW 1/4 Tax Lot 600 Lot Block Subdivision Street Address of Well (or nearest address) 4100 Indiana Ave., Baker City, OR 97814

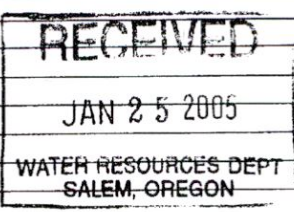
(10) STATIC WATER LEVEL: 229.4 ft. below land surface. Date 12-14-04 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found

Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Entry: Cleaned existing rock well from 500' to 800' and install 6" screen from 503' to 748'. Pull upper liner assembly up 4.5' from originally located by Stettler.



Date started 11/17/04 Completed 12/27/04

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Signed [Signature] WWC Number 1709 Date 01/19/05

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. Signed [Signature] WWC Number 1523 Date 01/19/05

T 12977

BAKE 1153

For Official Use Only by The Oregon Water Resources Department:

Received Date:

County Well Log ID #

Well Identification Tag #

11-14-13

BAKE 1153

L 106250

APPLICATION FOR WELL IDENTIFICATION TAG

LANDOWNER INFORMATION

Tag attached by
Bob Maynard,
well inspector 11-7-13

Name: Baker Municipal GOLF Course

Mailing Address:

City: Baker City

State: OREGON

Zip: 97814

Return Well Tag to (if different than mailing address): _____

WELL LOCATION INFORMATION

County: BAKER Township: 9 S North or South (circle one) Range: 40 E East or West (circle one),

Section: 20 NE 1/4 SW 1/4 Tax Lot #: _____

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Street Address of Well (if different than mailing address): _____

NOV 14 2013

N 44.76686

W-117.84034

SALEM, OR

WELL INFORMATION (Do Not Complete If Well Report is Attached)

Type of Well (i.e. domestic, irrigation, etc): _____ Date Well Constructed: _____

Well Constructor/Company: _____

Well Depth (in feet): _____ Diameter of Well Casing (in inches): _____

Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known): _____

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Other Information: _____

OWRD

Return to: Oregon Water Resources Department, Janet Halladey, 725 Summer St. NE, Suite A, Salem, OR 97301-1271, (503) 986-0854 or fax to 503-986-0902

App for tag

T 2977

