## **Attachment 3**

Well Logs

Permit Amendment Application for G-17476

RECEIVED

JUL 1 9 2018

**OWRD** 

NOTICE TO WATER WELL CONTRACTOR are to be filed with the WATER RESOURCES DEPARTMENTAUG 3 1977 STATE OF OREGON SALEM, OREGON 97310 (Please type or print) within 30 days from the date of well completion. WATER RESOURCE Spont Write above this line) State Permit No. . SALEM. ORECON (1) OWNER: (10) LOCATION OF WELL: Driller's well number 024-77 County BAKER Name Address NW 4 SE 4 Section 19 T. 9 S. R. 40 E. 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. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Rotary Driven [ Static level /17 Domestic | Industrial | Municipal | ft. below land surface. Date Cable Jetted | Bored | Dug Irrigation | Test Well | Other Artesian pressure lbs. per square inch. Date CASING INSTALLED: " to 500 ET. 16 Threaded | Welded | (12) WELL LOG: 6 " Diam from + 2 tt to -20 tt Gage , 250 Diameter of well below easing Depth drilled 800 ft. Depth of completed well ." 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 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 of perforator used MATERIAL Size of perforations in. by SILT ..... perforations from .... 68 REV .... perforations from BASAUT .... perforations from ..... (7) SCREENS: Well screen installed? Yes Manufacturer's Name Set from ..... 316 ... Slot size ..... . Set from ..... ft. to ...... 316 320 320 355 Drawdown is amount water level is lowered below static level (8) WELL TESTS: MSAUT 381 Was a pump test made? The Yes No If yes, by whom? 38/ 400 Yield: hrs. OKEN STONE Bailer test hrs. 61.13 Artesian flow Depth artesian flow encountered ACKE it. 19 77 Completed Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used ..... Drilling Machine Operator's Certification: Well sealed from land surface to Diameter of well bore to bottom of seal . Diameter of well bore below seal ... Number of sacks of cement used in well seal . (Drilling Machine Operator) Drilling Machine Operator's License No. 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 ..... Name LUALLACE Did any strata contain unusable water? Tyes No Type of water? depth of strata Address Method of sealing strata off Was well gravel packed? 

Yes No Size of gravel:

Contractor's License No.

## STATE OF OREGON

## WATER SUPPLY WELL REPORT

WATER SUPPLY WELL REPORT	WELL I.D. # L 5550B					
(as required by ORS 537.765)	START CARD #					
Instructions for completing this report are on the last page of this form.						
(1) LAND OWNER Name City of BAKER GITY	(9) LOCATION OF WELL by legal description:  County Latitude Longitude					
Address P.O. Box 650	Township 95 N or S Range 40 E E or W, WM.					
City BAKER CITY State ORE. Zip 97814	Section $19$ Ne $1/4$ Sw $1/4$					
(2) TYPE OF WORK	Tax Lot 600 Lot Block Subdivision					
☐ New Well ☐ Deepening ★ Alteration (repair/recondition) ☐ Abandonment	Street Address of Well (or nearest address) 4100 INDIANA					
(3) DRILL METHOD:	AVE. BAKER CITY, ORE 97814					
□ Rotary Air □ Rotary Mud Cable □ Auger	(10) STATIC WATER LEVEL:					
Other	240 ft. below land surface. Date <u>02-13-04</u>					
(4) PROPOSED USE:  ☐ Domestic	Artesian pressurelb. per square inch					
☐ Thermal ☐ Injection ☐ Livestock ☐ Other	(11) WATER BEARING ZONES:					
(5) BORE HOLE CONSTRUCTION:	Depth at which water was first found					
Special Construction approval  Yes No Depth of Completed Well ft.	From To Estimated Flow Rate SWL					
Explosives used Yes No TypeAmount	N N					
HOLE SEAL - NOT DISTURBED  Diameter From To Material From To Sacks or pounds	//					
15" 500' 520'						
	T T					
Name and all and the state of t	(12) WELL LOG:					
How was seal placed: Method   A   B   C   D   E   Othe COLUMN SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL	Ground Elevation					
Backfill from 520 ft. to 570 ft. Material BASALT FRAGMEN	Material From To SWL					
	- ATTEMOST TO CLEAN ORIGINAL HOLE					
(6) CASING/LINER: - MEASUREMENTS FROM GROWND	USING AN 8" BIT : 500' 570'					
Gravel placed fromft. toft. Size of gravel  (6) CASING/LINER: - MEASUREMENTS FROM GROWND SURFACE  LINER Diameter From To Gauge Steel Plastic Welded Threaded	0-180 113 0 011					
Cosing 14 3 43 .250 7	- ORIGINAL HOLE ENLARGED					
CONE 14"X12" 345' 343 5'375" 7 0	FROM 10" TO 15" DIAMETER 500' 520'					
12" 345 307.5'.250' @						
12" 517.5' 518' .375" &	+ BACKFILING OF HOLE OCCURRED					
Liner:	WHILE ENLARGING FOR					
Drive are used Inside Outside None	REAMING 10" TO 15"					
Final location of sheek ING: SIB (RINGIS 12 0, D.XIO I.D.X	BACKSILL 5'20'					
(7) PERFORATIONS/SCREENS: 1" THICK)	BOTTOM OF BACKALLED HOLE UNKNOWN ! ASSUMED TO BE 570'					
Perforations Method Punched SLOT	TOTAL TOPE					
Stoteens Type V-SLOT Material 304 55  Slot Tele/pipe	HECEIVED					
From To size Number Diameter size Casing Liner	2001					
345 507.5 3 x 4" 7344 12"	MAY 0 7 2004					
43'343.5' 100 14" PS	Tananas OFPT					
	WATER RESOURCES DEPIT SALEM, OREGON					
(8) WELL TESTS: Minimum testing time is 1 hour	Date started DECEMBER 10, 03 Completed FEB. 13, '04					
Flowing	(unbonded) Water Well Constructor Certification:					
☐ Pump ☐ Bailer ☐ Air ☐ Aftesian  Yield gal/min ☐ Drawdown ☐ Drill stem at Time	I certify that the work I performed on the construction, alteration, or abandon-					
I hr.	ment 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					
N	knowledge and belief.					
A	WWC Number					
	Signed Date					
Temperature of water Depth Artesian Flow Found	(bonded) Water Well Constructor Certification:					
Was a water analysis dope? Yes By whom	I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work					
Did any strata contain water not suitable for intended use?	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.					
Depth of strata:	construction standards. This report is true to the best of my knowledge and belief.  WWC Number 633					
	Signed Date 05-01-04					
ODIGOUIL WATER DESCRIPTION	,					
ORIGINAL – WATER RESOURCES DEPARTMENT FIRST	COPY – CONSTRUCTOR SECOND COPY – CUSTOMER					
	RECEIVED					

## STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) [Instructions for completing this report are on the last page of this form.

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

Instructions t	or comp	leting this re	eport are	ont	he last	page of tr	us form.	Ι					
(1) OWNER:				W	ell Nur	mber Bake	er 1148	(9) LOCATION OF V					
Name City of B	aker Cl	y									Lo		
Address PO Box	650							Township 9	S		40	E	WM.
City Baker City			State (	OR		Zij	97814	Section 19		1/4		1/4	
(2) TYPE OF								Tax Lot 600 Lo	ot	Block	S	ubdivision_	
New Well			ation (rer	oair/re	econdit	tion) [ At	andonment	Street Address of Well	(or nearest a	ddress)	4100 Indiana	a Ave., Bal	cer City,
(3) DRILL MI								OR 97814					
Rotary Air			Cable	1	Aug	per		(10) STATIC WATER	LEVEL:				
	Пкои	ily ividd _	_ caose	(		Ç		229.4 ft. belo		ce		Date 12-14	-04
Other	D TIOT							Artesian pressure				Date	
. ,			¬					(11) WATER BEARIN			dai o inten.		
	-	imunity [	_			Irrigation		(II) WAIER BEARI	III ZONE				
Thermal	Inje		Livesto	ock		Other test		D. d. a. dishdana	first found				
(5) BORE HO								Depth at which water was	ilist lound _				
Special Construc										T-	Testimete	d Flan Date	SWI
Explosives used	Yes	No Typ			A	mount		From		Го	Estimate	d Flow Rate	SWI
HOLE			SEA	1L							-		
Diameter From	To	Materia	al Fr	rom	To	Sacks o	r pounds						
		See Baker	1148										
		for origina	al										-
		Construct	ion										
		data.						(12) WELL LOG:					
How was seal pla	nced:	Method	$\Box$ A		В	TC [	D DE		Elevation _				
Other													,
Backfill placed f			00 ft	t.	Mater	rial Pea G	ravel	Materia	1		From	То	SWL
Gravel placed fro						of gravel	-						
(6) CASING/				-	OIZO C	or graver _							
` '			Gauge St		Plasti	c Welded	Threaded						
Diamete	r Fre	m 10 (	1 -										
Casing:		$\rightarrow$		_				Cleaned existing rock	well from	500' to	800'	1	
								and install 6" screen t					
-		-+						allu liistali U acreeli i	10111 000 1	0 1 10		+	
												+	
Liner:		$\rightarrow$										+	+
			[									+	L
Final location of	shoe(s)											REC	EIVI
(7) PERFORA	TION	S/SCREEN	IS:					Pull upper liner assen		trom		-	-
Perforation	าร	Method						originally located by S	Stettler.			11.11	0 20
Screens		Type Lou	vered			aterial ste	el		Property and the second			JUL	19 71
From , To	Ste	t Number	Diamer	ter	Tele/p	ipe Casin	ng Liner	DECEN				-	
503 748	.250	5,880	Diamet		pipe			I I I I I I I I I I I I I I I I I I I	The state of the s	1			on of being the
								1000	2006	1		0	WRL
								JAN 25	2003				
			1							1			
	-	_	+			_		WATER RESOURCE		i			
								SALEM, ORE	GUN				
(B) WELLTE	ere.	41			is 1 ha			Date started 11/17/04		Cor	mpleted 12/27	7/04	-
(8) WELLTE	515: F	Ainimum ti	esting ti	me	S 1 110			(unbonded) Water Well (	Constructor				
-1-	_						lowing	I certify that the work I				eration or ab	andonmer
<b>✓</b> Pump	_	Bailer	L A			L	rtesian	of this well is in compliant	ce with Oreg	on wate	er supply well co	onstruction s	standards.
Yield gal/min	_	rawdown	Dri	ill ster	n at		Time	Materials used and inform	ation reporte	d above	are true to the	best of my k	cnowledge
1,800	54.5						1 hr.	and belief.	10 10		WWC N.	bor 1709	
	-							L. Ata la	1 1		) wwcni	Date 01/2	
								Signed Signed	rom s	-(/		Date 011	
Temperature of v	vater F		Depth A	rtesia	n Flow	Found		(	nstructor C				
Was a water ana	lysis dor	e? [ '	Yes By w	vhom				I accept responsibility	for the const	ruction,	alteration, or al	pandonment	work
Did any strata as	ntain wa	iter not suitab	ble for in	tende	d use?	☐ To	o little	performed on this well dur performed during this time	e is in compl	iauce wi	ith Oregon water	er supply we	:11
Did any strata co								construction star dards. The	his report is	e to th	he best of my ki	nowledge an	id beliel.
	iddy [	TOUGHT 1 1	Culotta								*******		
Salty M	ıddy [	]0001	Conoccu		_			1 1/1/1	1	7	WWC N	umber 1523	
	uddy [		Coloica					Signed Value	211		WWC N	Date 01/1	