

STATE OF OREGON
WATER SUPPLY WELL REPORT

(ORS 537.765 & OAR 690-205-0210)

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

HARN 64944 of 2

WELL LABEL # L 110811

START CARD # 1019713

ORIGINAL LOG #

(1) LANDOWNER Owner Well I.D. _____
First Name _____ Last Name _____
Company DCR HAY CO. LLC
Address PO Box 3042
City PRINCETON State OR Zip 97721

(2) TYPE OF WORK New Conversion Deepening
 Alteration (complete Sections 2a & 10) Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth _____ ft.
Seal Material _____
Casing Type: Steel Plastic Other _____
Casing Gauge _____ Casing Diameter _____

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

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/Commercial Livestock Dewatering Injection
 Thermal Other _____

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 920 ft. Special Standard: Yes (attach copy)

BORE HOLE			SEAL			
Dia	From	To	Material	From	To	Amount Scks/lbs
20"	0	33	BENTONITE	0	32	1650 16s
16"	33	327				
10"	327	920				

How was seal placed: Method A B C D E
 Other POURED DRY
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:
Calculated Amount Proposed to be Used: _____ sacks/lbs
Actual Amount Used: _____ sacks/lbs

(6) CASING/LINER

Csng	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
L		16"	+	15"	33	.250	L		L	
	L	12"	+	2"	327	.250	L		L	

Shoe Inside Outside Other Location of shoe(s) _____
Temporary casing Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method _____
Screens Type _____ Material _____

Perf	Scrn	Csng	Linr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 1500 Drawdown 300' Drill stem/Pump depth 1.5 Duration (hr) _____
Temperature 97 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS _____ ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County HARNEY Twp 24 N of S Range 32 1/2 E or W W.M.
Sec 28 SW 1/4 of the NW 1/4 Tax Lot 830
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) 37584 TAYLOR LN. BURNS

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration	Date	SWL(psi)	+	SWL (ft)
Completed Well	<u>5-24-13</u>			<u>- 21'</u>

Flowing Artesian? Yes Dry Hole? Yes
WATER BEARING ZONES Depth water was first found 45

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>5-09-13</u>	<u>45</u>	<u>325</u>	<u>50 gpm</u>			<u>- 20'</u>
<u>5-22-13</u>	<u>325</u>	<u>800</u>	<u>800</u>			<u>- 22'</u>
<u>5-24-13</u>	<u>800</u>	<u>920</u>	<u>1800</u>			<u>- 21'</u>

(11) WELL LOG Ground Elevation MAY 20 2013

Material	From	To
BRN SAND	0	24
BRN CLAY - SANDY	SALEM, OR 24	28
GRAY CLAY - SANDY	28	45
FINE BLACK SAND	45	95
SANDY CLAY	95	112
GRAY CLAY SAND	112	150
BRN. SANDY CLAY	150	158
BLACK CLAY - SAND SKELETS	158	190
GRAVEL - SAND	190	207
SAND - SILT	207	268
SILT - CLAY LAYERS	268	325
GRAY CLAY - CLAYSTONE	325	355
GRAY CLAYSTONE - CLAY LAYERS	355	370
CLAYSTONE	370	385
ROCK - CLAY LAYERS	385	428

Date Started _____ Completed _____

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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.

License Number 1940 Date 5/24/2013
Signed Burd

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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.

License Number 1355 Date 5-24-13
Signed Arthur L. Jay
Contact Info. (optional) _____

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HARN 51944

WELL LABEL # L 110811

START CARD # 1019713

ORIGINAL LOG #

(1) LANDOWNER

Owner Well I.D. _____

First Name _____ Last Name _____
Company DEER HAY CO LLC
Address PO BOX 3042
City PRINCETON State OR Zip 97721

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 Alteration (complete Sections 2a & 10) Abandonment (complete Section 5a)

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Casing Gauge _____ Casing Diameter _____

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 Cable Cable Mud Reverse Rotary Other _____

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 Industrial/Commercial Livestock Dewatering Injection
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(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 920 ft. Special Standard: Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs

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

Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

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Actual Amount Used: _____ sacks/lbs

(6) CASING/LINER

Csng	Lnr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd

Shoe Inside Outside Other Location of shoe(s) _____
Temporary casing Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____
Screens Type _____ Material _____

Perf	Scrn	Csng	Lnr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size

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

Pump Bailer Air Flowing Artesian
Yield gal/min 1500 Drawdown 300 Drill stem/Pump depth 300 Duration (hr) 1 1/2
Temperature 97 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS _____ ppm
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 24 (N) or S Range 32 1/2 (E) or W W.M.
Sec 28 SW 1/4 of the NW 1/4 Tax Lot 830
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
Street Address of Well (or nearest address) 37584 TAYLER LN
BIARNS

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well/Pre-Alteration				
Completed Well	<u>5-24-13</u>			<u>21</u>

Flowing Artesian? Yes Dry Hole? Yes

WATER BEARING ZONES Depth water was first found 45

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>5-09-13</u>	<u>45</u>	<u>325</u>	<u>50</u>			<u>20</u>
<u>5-22-13</u>	<u>325</u>	<u>800</u>	<u>200</u>			<u>22</u>
<u>5-24-13</u>	<u>800</u>	<u>920</u>	<u>1800</u>			<u>21</u>

RECEIVED BY OWNER

(11) WELL LOG

Ground Elevation MAY 30 2013

Material	From	To
GRAY PUMICE STONE	428	480
GRAY CLAY	SALEM, OR 480	482
GRAY PUMICE STONE	482	557
BRN SANDY GRAVELLY CLAY	557	570
CLAYSTONE LAYERS	570	581
BRN SANDY CLAY-ROCK	581	690
ROCK CLAY-SAND LAYERS	690	798
BRN SAND-CLAY-CLAYSTONE	798	800
BROKEN ROCK	800	835
CLAYSTONE-CLAY LAYERS	835	842
BROKEN ROCK CONCRETE	842	873
ROCK-CLAYSTONE LAYERS	873	920
BROKEN BASALT + BROKEN CLAYSTONE LAYERS		

Date Started 5-07-13 Completed 5-23-13

(unbonded) Water Well Constructor Certification

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License Number 1940 Date 5/24/2013

Signed [Signature]

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License Number 1355 Date 5-24-13

Signed Arthur L. Jay

Contact Info. (optional)