

HARN 51556

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 96826

START CARD # W199435

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

1) LAND OWNER

Owner Well I.D. _____
First Name _____ Last Name _____
Company Cotton Wood Creek Ranch
Address 50629 Altnew Bula Lane
City Drewsey State OK Zip 97904

2) TYPE OF WORK

New Well Deepening Conversion
 Alteration (repair/recondition) Abandonment
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

3) DRILL METHOD

Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

4) PROPOSED USE

Domestic Irrigation Community
 Industrial/Commercial Livestock Dewatering Injection
 Thermal Other _____

5) BORE HOLE CONSTRUCTION

Special Standard: Yes (attach copy)
Depth of Completed Well 506 ft.
BORE HOLE SEAL
Dia From To Material From To Amount Scks/lbs

18	0	5	Bentonite	0	5	4	sacks
18	5	226	Cement	5	226	5.5	yds.
13.5	226	390					
12	390	506					

6) CASING/LINER

Csng	Lnr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		14	+	2	245	.250	X			X

Shoe Inside Outside Other Location of shoe(s) No Shoe
Temporary casing Yes Diameter _____ From _____ To _____

7) PERFORATIONS/SCREENS

Perforations Method open end
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 600+ Drawdown 0 Drill stem/Pump depth Artesian Duration (hr) 10 hrs
1300 6' 63'

Temperature 106 °F Lab analysis Yes By _____
Water quality _____ (describe below)
From _____ To _____ Description _____ Amount _____ Units _____
RECEIVED
APR 27 2009
MAY 15 2009
WATER RESOURCES DEPT

9) LOCATION OF WELL (legal description)

County Harney Twp 20 N of 36 Range 36 or W.W.M.
Sec 4 NE 1/4 of the NW 1/4 Tax Lot _____
Tax Map Number _____ Lot 500
Lat 43° 51' 56.9" or _____ DMS or DD
Long 118° 17' 55.8" or _____ DMS or DD
Street Address of Well (or nearest address) same

10) STATIC WATER LEVEL

Existing Well/Predeepening	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>4.02.09</u>	<u>2 PSI</u>		

Flowing Artesian? Yes Dry Hole? Yes

WATER BEARING ZONES

Depth water was first found 10'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>3-17</u>	<u>5</u>	<u>16</u>	<u>25</u>		-	<u>5'</u>
<u>3-18</u>	<u>141</u>	<u>163</u>	<u>seep</u>		-	<u>3'</u>
<u>4-2</u>	<u>368</u>	<u>504</u>	<u>3000+</u>	<u>2 PSI</u>		

11) WELL LOG

Ground Elevation _____

Material	From	To
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Brown sticky Clay</u>	<u>2</u>	<u>5</u>
<u>Coarse Sand + Gravel</u>	<u>5</u>	<u>16</u>
<u>Brown Clay</u>	<u>16</u>	<u>25</u>
<u>Green Clay</u>	<u>25</u>	<u>46</u>
<u>Brown Clay</u>	<u>46</u>	<u>65</u>
<u>Green Clay</u>	<u>65</u>	<u>141</u>
<u>Green Shale</u>	<u>141</u>	<u>163</u>
<u>Green Clay</u>	<u>163</u>	<u>368</u>
<u>Fractured Black Basalt</u>	<u>368</u>	<u>504</u>

Date Started 3-17-09 Completed 4-02-09

(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 1896 Date 4-10-09
Signed Tony Clabett

(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 1899 Date 4-10-09
Signed Sam Higgins
Contact Info. (optional) _____

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BORE HOLE			SEAL				
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18	0	5	Bentonite	0	5	4	sacks
18	5	226	Cement	5	226	5.5	yds.

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 _____
 Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Csng	Lnr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		14	+	2	245	.250	X			X

Shoe Inside Outside Other Location of shoe(s) No Shoe
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 Pump Bailor Air Flowing Artesian
 Yield gal/min 600+ Drawdown 0 Drill stem/Pump depth Artesian Duration (hr) Days

Temperature 66 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below)
 From _____ To _____ Description _____
 RECEIVED
 APR 27 2009
 WATER RESOURCES DEPT

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3-18	141	163	seep		-	3'
4-2	368	504	3000+	2 PSI		

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Coarse Sand & Gravel	5	16
Brow Clay	16	25
Green Clay	25	46
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Green Clay	65	141
Green Shale	141	163
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License Number _____ Date _____
 Signed Tony Shacklett

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License Number _____ Date _____
 Signed Sammy Buehler
 Contact Info. (optional) _____