

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 71-10897

Exam Date: 6/20/2014

1. Current Owner: JULIA HUGHES
11681 LEONIDAS HORTON RD
CONROE TX 77304
(936) 441-3042

And

EDWARD WAYNE HUGHES
11681 LEONIDAS HORTON RD
CONROE TX 77304
(936)441-3042

2. Accompanied by: In house exam- called Mrs. Hughes for well location

Phone No: same as above

Address: same as above

Relationship to Permit Holder: NA

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

SE1/4NE1/4NE1/4

Sec. 9, Twp 08N, Rge 14E, B.M.

CUSTER County

Method of Determination: Aerial imagery, and phone conversation with permit holder

2.

PLACE OF USE: DOMESTIC

Tw	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
08N	14E	9	X																

Method of Determination: Aerial imagery

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☐ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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NA

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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2. Measurements: No measurement made. De minimus rate of diversion.

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: De minimus flow.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: No volume is necessary per Beneficial Use Examination Rules.

G. NARRATIVE/REMARKS/COMMENTS

The in house field exam for this permit was done on June 20, 2014. The property has irrigation water rights out of Fourth of July Creek, 71-33E and 71-34F, which cover nearby pastures and the landscaping. This permit is for domestic use inside the home and provides no irrigation. Suggest licensing for 0.04 cfs, with no volume, per Beneficial Use Examination Rules.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

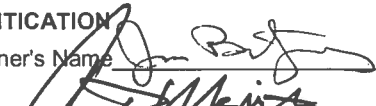
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

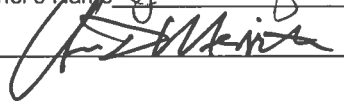
2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name  Date 06-20-2014

Reviewer  Date 7/15/14

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

JUN 22 1987

1. WELL OWNER Name <u>WIN LAUDER</u> Address <u>STANLEY</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>160</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																																						
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>12</u></td><td></td><td><u>2</u></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>12</u>		<u>2</u>																																																																
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td><u>8</u></td><td><u>0</u></td><td><u>3</u></td><td><u>Soil</u></td><td></td><td></td></tr><tr><td><u>8</u></td><td><u>3</u></td><td><u>14</u></td><td><u>Clay + GRAVEL + Boulder</u></td><td></td><td></td></tr><tr><td><u>8</u></td><td><u>14</u></td><td><u>32</u></td><td><u>SAND GRAVEL + Boulder</u></td><td></td><td></td></tr><tr><td><u>8</u></td><td><u>32</u></td><td><u>34</u></td><td><u>CLAY + GRAVEL</u></td><td></td><td></td></tr><tr><td><u>8</u></td><td><u>34</u></td><td><u>37</u></td><td><u>CLAY</u></td><td></td><td></td></tr><tr><td><u>1</u></td><td><u>37</u></td><td><u>45</u></td><td><u>CLAY + SAND</u></td><td></td><td></td></tr><tr><td><u>1</u></td><td><u>45</u></td><td><u>47</u></td><td><u>SAND</u></td><td></td><td></td></tr><tr><td><u>1</u></td><td><u>47</u></td><td><u>116</u></td><td><u>CLAY + SAND</u></td><td></td><td></td></tr><tr><td><u>6</u></td><td><u>116</u></td><td><u>328</u></td><td><u>GRAVEL loose with clay</u></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td><u>SCAM</u></td><td></td><td></td></tr></tbody></table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>8</u>	<u>0</u>	<u>3</u>	<u>Soil</u>			<u>8</u>	<u>3</u>	<u>14</u>	<u>Clay + GRAVEL + Boulder</u>			<u>8</u>	<u>14</u>	<u>32</u>	<u>SAND GRAVEL + Boulder</u>			<u>8</u>	<u>32</u>	<u>34</u>	<u>CLAY + GRAVEL</u>			<u>8</u>	<u>34</u>	<u>37</u>	<u>CLAY</u>			<u>1</u>	<u>37</u>	<u>45</u>	<u>CLAY + SAND</u>			<u>1</u>	<u>45</u>	<u>47</u>	<u>SAND</u>			<u>1</u>	<u>47</u>	<u>116</u>	<u>CLAY + SAND</u>			<u>6</u>	<u>116</u>	<u>328</u>	<u>GRAVEL loose with clay</u>						<u>SCAM</u>		
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. Work started <u>5-7-87</u> finished <u>5-13-87</u>																																																																						
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness _____ inches Diameter _____ inches + .5 feet From _____ To _____ feet <u>250</u> inches <u>8</u> inches + .5 feet <u>1195</u> feet <u>350</u> inches <u>6</u> inches + .5 feet <u>327</u> feet Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☒ Factory ☐ Knife ☐ Torch Size of perforation <u>18</u> inches by <u>3</u> inches Number _____ From _____ To _____ feet <u>180</u> perforations <u>250</u> feet <u>170</u> feet <u>180</u> perforations <u>290</u> feet <u>310</u> feet Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Model No. _____ Type _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>120</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld _____ ☐ Cemented between strata Describe access port _____	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were compiled with at the time the rig was removed. Firm Name <u>Huddleston Drilling</u> Firm No. <u>35</u> Address <u>MT Home</u> Date <u>5-30-87</u> Signed by (Firm Official) <u>ROS</u> and (Operator) <u>Karl Kuhl</u>																																																																						
6. LOCATION OF WELL Sketch map location must agree with written description. Subdivision Name _____ MAR 14 1988 Lot No. _____ Block No. _____ County <u>Custer</u> <u>NE 1/4 NE 1/4 Sec. 9 T. 8 N. R. 14 E. 1/4</u>																																																																							