

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-14132
Exam Date: 06/22/2020

1. Current Owner:
TETON RESERVE MASTER ASSOCIATION INC PO BOX 838 VICTOR ID 83455-0838
2. Accompanied by: Allen Wilder
Phone No: 208-456-2287
Address:
Relationship to permit Holder: Water System Operator

3. **SOURCE:**
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
22-13244	Ground Water	Domestic	License

2. Other water rights with the same point-of-diversion: YES Overlap

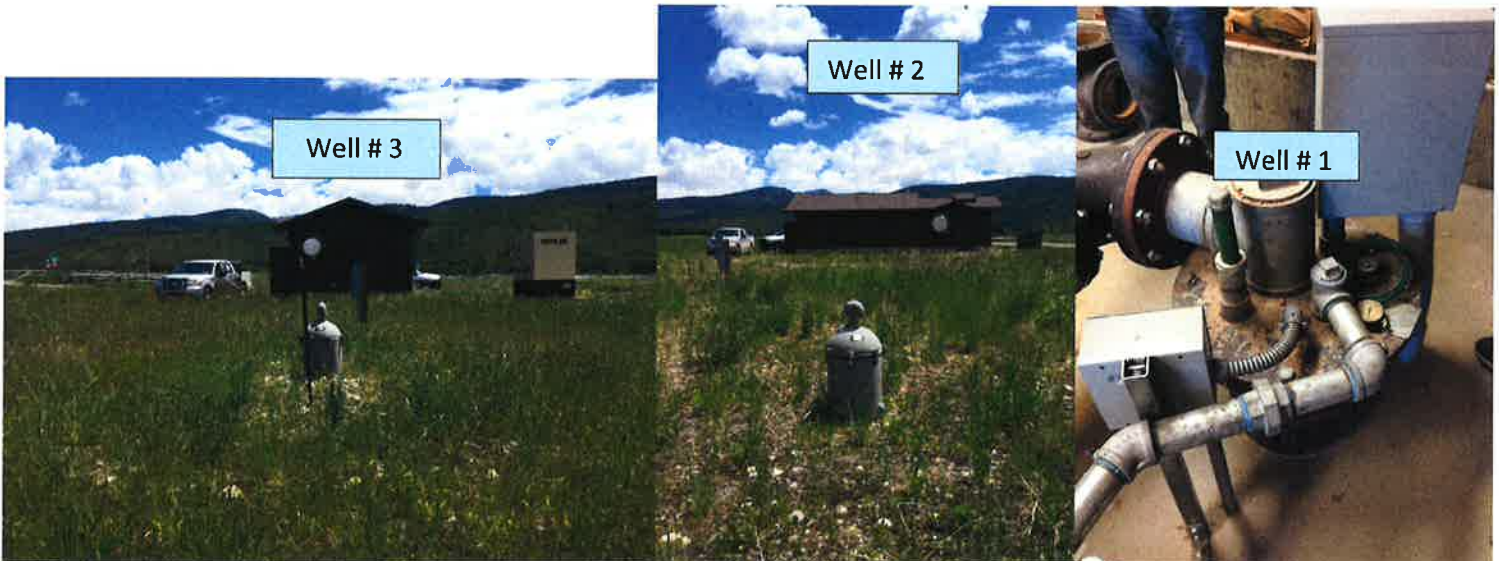
Water Right No.	Source	Purpose of Use	Basis
22-13244	Ground Water	Domestic	License

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE¼ NE¼, Sec. 35, Twp 04N, Rge 45E, B.M. TETON County
GROUND WATER NE¼ NE¼, Sec. 35, Twp 04N, Rge 45E, B.M. TETON County
GROUND WATER NW¼ NE¼, Sec. 36, Twp 04N, Rge 45E, B.M. TETON County

Method of Determination: GPS and aerial photography



PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	45E	35	X	X	X	X													0.0
04N	45E	36					X	X	X	X									0.0

Method of Determination: Aerial photography and site visit.



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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well # 1 (D0052735)		125			
Well # 2 (D0071178)		125			
Well # 3 (D0071179)		125			

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Installed Flow Meter	Magnetic	McCrometer	Ultra Mag	UM20170966	2	
Installed Flow Meter	Magnetic	McCrometer	Ultra Mag	UM20170967	6	
Installed Flow Meter	Magnetic	McCrometer	Ultra Mag	UM20170968	6	

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Utilized installed magnetic flow meters



Well # 3 = 0.34 cfs

Well # 2 = 2.18 cfs

Well # 1 = Allen Wilder attempted to start pump but pump would not turn on.

Water right 22-13244 for domestic uses = 0.75 cfs. Fire protection = 2.05 cfs.

Water right 22-14132 = 0.60 cfs

Recommend licensing for 0.60 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for domestic:

190 proposed homes:

In-house = 0.60 af

½ acre irrigation per home = 0.60 af

190 x 1.2 af = 228.0 af.

G. NARRATIVE/REMARKS/COMMENTS

Teton Reserve Subdivision's water supply system consists of three wells diverting water into a pressurized system to provide water to Lot owners. Domestic water right 22-13244 was licensed in 2012 for 192 homes out of 384 proposed homes. Only 194 lots were stubbed-in during the development period under 22-13244. During the License field exam for 22-13244 the field examiner found two homes that were built on two subdivision lots. Water right 22-13244 is limited to 192 homes. Water right 22-14132 will be licensed to cover an additional 190 lots within the subdivision. Measurements were taken by utilizing magnetic flow meters that are installed on well # 2 and well # 3. Well # 1 also contains a flow meter. Well # 1 would not turn on during field exam. Water supply system contains plenty of capacity to fill water rights 22-13244 and 22-14132.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS**

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.60 CFS	228.0 AF

Totals: 0.60 CFS 228.0 AF

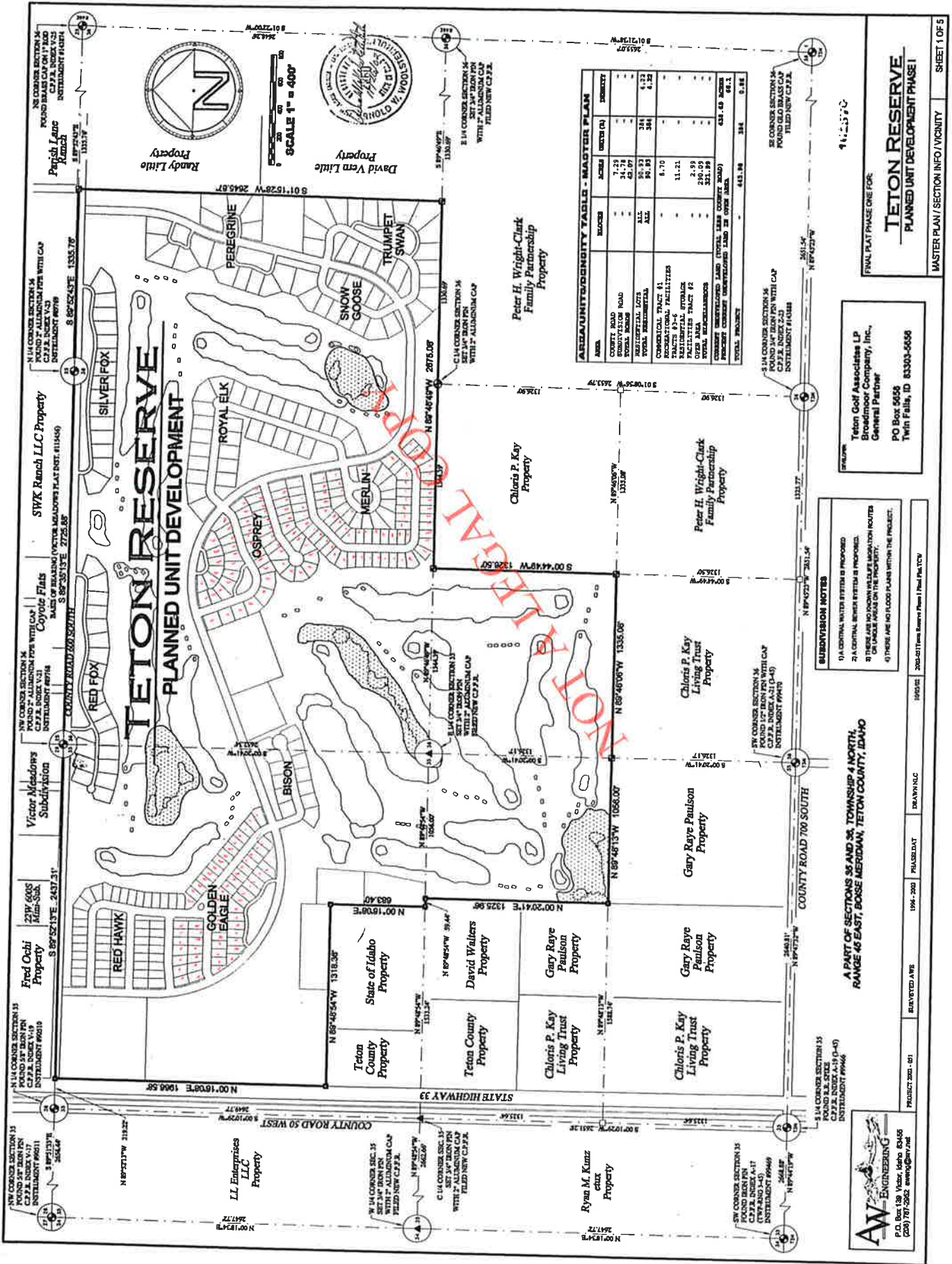
2. Recommended Amendments

_____ 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 _____ None

I. AUTHENTICATION Blake Jordan - Water Rights SupervisorField Examiner's Name Blake Jordan Date 7/1/2020

Reviewer _____ Date _____



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0071178

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: Teton Reserve Subdivision & Golf Course Well #2Name C/O Bruce HollisAddress 1732 Canyon Oak DrCity MT. Pleasant State SC Zip 29464

3. WELL LOCATION:

Twp. 4 North ☒ or South ☐ Rge. 45 East ☒ or West ☐Sec. 35 1/4 NE 1/4 NE 1/4Gov't Lot _____ County TetonLat. 43 37.94424 (Deg. and Decimal minutes)Long. 111 6.12642 (Deg. and Decimal minutes)Address of Well Site Approx 300 FT East of Golder Eagle Ave
on Teton Reserve Dr City Victor

Lot _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	10	1000 lb	Surface Load
Portland Cem	10	65	142 ft	Tremie

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
16	+2	220	.375	Steel	☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☐ Y ☐ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☐ N Method _____Manufactured screen ☒ Y ☐ N Type Johnson wire wrapMethod of Installation set with K Packer

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
210	491	.040			Stainless	.375

Length of Headpipe 10' Length of Tailpipe 5'Packer ☒ Y ☐ N Type K Packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 87 Static water level (ft) 81.5Water temp. (°F) 49 Bottom hole temp. (°F) _____

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
	1500	6

Test method:

Pump	Bailer	Air	Flowing artesian
☒	☐	☐	☐
☐	☐	☐	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
21	0	1	Top Soil		X
21	1	20	Cobbles, Gravel & Dirt		X
21	20	47	Cobbles, Gravel, Sandy Clay		X
21	47	65	Boulders, Cobbles, Gravel		X
17	65	75	Boulders, Cobbles, Clay		X
17	75	92	Cobbles, Gravel	X	
17	92	120	Gravel, Sand	X	
17	120	142	Gravel, Sand	X	
17	142	167	Clay & Gravel		X
17	167	173	Gravel, Sand	X	
17	173	195	Cemented Gravel & Clay		X
17	195	211	Gravel, Clay - Hard		X
17	211	220	Gravel & Sand	X	
17	220	238	Cobbles & Gravel, Sand	X	
17	238	249	Clay & Gravel		X
17	249	295	Cobbles & Gravel Sand	X	
17	295	307	Clay & Gravel		X
17	307	325	Cobbles & Gravel	X	
17	325	367	Cemented Gravel	X	
17	367	375	Gravel & Clay		X
17	375	415	Cemented & Clay		X
17	415	437	Gravel & Clay		X
17	437	444	Gravel	X	
17	444	453	White Clay		X
17	453	480	Gravel & Clay, White		X
17	480	495	Clay & Gravel		X

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OCT 20 2016

Department of Water Resources

Completed Depth (Measurable): 491 Eastern RegionDate Started: 7/19/16Date Completed: Sep 16, 2016

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name THOMAS DRILLING, INC Co. No. 390*Principal Driller [Signature] Date 10-15-16*Driller [Signature] Date 10-15-16

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0071179

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: Teton Reserve Subdivision & Golf Course Well #3

Name C/O Bruce Hollis

Address 1732 Canyon Oak Dr

City MT. Pleasant State SC Zip 29464

3. WELL LOCATION:

Twp. 4 North ☒ or South ☐ Rge 45 East ☒ or West ☐

Sec. 36 1/4 NW 1/4 NE 1/4

Gov't Lot _____ County Teton

Lat. 43 38.13137999 (Deg and Decimal minutes)

Long. 111 5.2122000 (Deg and Decimal minutes)

Address of Well Site Corner of County Rd 6000 South and

Teton Reserve Dr City Victor

(Leave at least name of road + distance to road or landmark)

Lot _____ Blk. _____ Sub Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Portland	0	60	86.4ft ³	Tremie

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Unler	Threaded	Welded
16	+2	253	.375	Steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 248

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Holt PerforatorManufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
176	192	1/4	550			
196	212	1/4	550			
216	232	1/4	550			
236	252	1/4	550			

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 170 Static water level (ft) 167.7

Water temp (°F) 49 Bottom hole temp (°F) _____

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
5.09	630	24

Test method:

Pump	Bailer	Air	Flowing artesian
☒	☐	☐	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
21	0	1	Top Soil		X
21	1	20	Cobbles, Gravel		X
21	20	38	Cobbles, Gravel		X
21	38	65	Boulders, Cobbles, Some Clay		X
16	65	110	Boulders, Cobbles, Red Clay		X
16	110	125	Gravel, Sandy		X
16	125	145	Cobbles & Gravel, Red Clay		X
16	145	165	Boulders, Gravel & Clay		X
16	165	185	Cobbles, Gravel	X	
16	185	200	Boulders, Cobbles	X	
16	200	235	Cobbles & Gravel	X	
16	235	253	Gavel & Red Clay	X	
			253' Terminated 16" Casing		
15	253	255	LS, Boulder		X
15	255	290	Cemented Gravel & Clay		X
15	290	310	Gravel, Semi Cemented	X	
15	310	323	Clay, some Gravel		X
15	323	347	Cemented Gravel, looks like Lime Stone	X	
15	347	355	Cemented Gravel & Clay		X
15	355	359	Clay		X
15	359	371	Clay & some Gravel		X
15	371	396	Clay & Gravel Cemented		X

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OCT 20 2016

Department of Water Resources
Eastern Region

Completed Depth (Measurable): _____

Date Started: Jul 30, 2016

Date Completed: Sep 16, 2016

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name THOMAS DRILLING, INC Co. No 390

*Principal Driller _____ Date 10-15-16

*Driller _____ Date 10-15-16

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required