STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123807
Permit No.
Basin 087

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 73442

1. OWNER Fred Fricke
MAILING ADDRESS 1775 Browning Way Ste 102
Elko NV 89801

ADDRESS AT WELL LOCATION 12100 Thomas Creek
Reno NV 89511
Subdivision Name: County: Washoe

2. LOCATION NE ¼ SE ¼ Sec 13 T18N/S R 19 E
PERMIT/WAIVER NO. DOM15-57 (Issued by Water Resources) 040-760-02 (Parcel. No.)

Latitude 39.425786 Longitude -119.791666
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☒ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☐ Air ☐ Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Clay & Boulders		0	5	5
Multicolor Volcanic & Boulders		5	54	49
Soft Multicolored Volcanics		54	74	20
Coarse Sand & Boulders		74	107	33
Multicolored Volcanics		107	127	20
Soft Coarse Sands		127	144	17
Clay		144	164	20
Hard Fractured Volcanics		164	173	9
Soft Zone		173	185	12
Soft Volcanics & Coarse Sand		185	214	29
Fractured Volcanics		214	218	4
Soft Coarse Sand		218	246	28
Multicolor Volcanic Sands		246	261	15
Hard Volcanics		261	266	5
Soft Zone		266	277	11
Light Brown Clay		277	294	17
Purple Volcanics		294	300	6

NAD 27
39.425875
119.790644

Date started: 9/15, 20 15
Date completed: 9/18, 20 15

7. Water Level
Static water level: 138' feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 59 °F
Quality: not tested

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pump	45	15'	4

9. WELL CONSTRUCTION
Depth Drilled 300 Feet Depth Cased 300 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
11 Inches	0 Feet	300 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	+2	300

Perforations:
Type of perforation Factory
Size of perforation .060 Double perf.
From 300 feet to 280 feet
From 220 feet to 200 feet
From 180 feet to 160 feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 105 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 105 to 300 ☐ Pumped ☐ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bruce MacKay Pump & Well Service, Inc. (CONTRACTOR)
Address 1600 Mt. Rose Hwy (CONTRACTOR)
Reno, NV 89511
Nevada contractor's license number issued by the State Contractor's Board 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2326
Signed
By driller performing actual drilling on site or contractor
Date 11/4/2015

2015 NOV 4 AM 11:42 WATER ENGINEERS OFFICE

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com

Replacing unknown wedd log