STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 104653
Permit No.
Basin 058

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. 59110

1. OWNER Howard Zimmerman
MAILING ADDRESS P.O. Box 10241
NE SE Reno NV. 89510

ADDRESS AT WELL LOCATION 16500 Big Pine Dr.
Reno
Subdivision Name: County: Washoe

2. LOCATION ~~SW¼NE¼~~ Sec10T17N/ R19E
Latitude 39.35075 UTM E ☐ NAD 27
Longitude 119.83003 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. DOM07-004 (Issued by Water Resources) 047-032-06 (Parcel. No.)

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
Sand boulders Volcanic		0	80	80
Hard granite boulder sand		80	141	61
Brown sandy clay volcanic rock		141	218	77
Volcanic rock sandy clay		218	261	43
Soft zone		261	262	1
Boulders gravel clay streaks		262	281	19
Gray volcanic rock		281	312	31
Fractured rock	x	312	341	29
Soft zone	x	341	359	18
Brown gray volcanic rock		359	367	8
Fractured rock	x	367	384	17
Soft fractured zone	x	384	396	12
Brown gray volcanic rock	x	396	418	22
Fractured rock clay streaks	x	418	435	17
Washoe County Permit				
WL 060222				
N 39.350657				
W 119.829026 NAD83				

Date started: 4/25, 20 07
Date completed: 5/9, 20 07

7. Water Level
Static water level: 218 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cool °F
Quality: Not tested

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
60		3

9. WELL CONSTRUCTION
Depth Drilled 435 Feet Depth Cased 435 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 5/8 Inches	0 Feet	50 Feet
9 78 Inches	50 Feet	435 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	435

Perforations:
Type of perforation Machine cut
Size of perforation 3/32
From 295 feet to 315 feet
From 335 feet to 355 feet
From 375 feet to 395 feet
From 415 feet to 435 feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No to ☐ Pumped ☐ Poured
Type: 1/4x1/8
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 923
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 5/16/07

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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