STATE ENGINEER
NOV 30 2010

112396
OFFICE USE ONLY
Log No.
Permit No. —
Basin 087

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

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. 84447

1. OWNER Jack & Randi Singer
MAILING ADDRESS 3370 Quilici Rd
Reno, NV 89511

ADDRESS AT WELL LOCATION 3370 Quilici Rd
Reno NV
Subdivision Name: County: Washoe

2. LOCATION NE SE¼NW¼ Sec13T18N/ R19E
Latitude 39.42974 UTM E ☐ NAD 27
Longitude 119.80262 N ☒ NAD 83/WGS 84
PERMIT/WAIVER NO. DOM09-016 (Issued by Water Resources) 040-730-12 (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
Boulders,Cobbles,Brown Clay		0	35	35
Cobbles,Brown Clay,Sand		35	80	45
Brown Clay,Sand		80	160	80
Brown Clay,Gravel,Sand		160	240	80
Cobbles,Sand,Gravel		240	280	40
Red Clay,Volcanic		280	300	20
Broken Volcanic		300	320	20

Wahoe County
Permit #WL090076

NAD-27GPS 39.429829°N
119.801598°W

Replaces Well Log 10009
Which Was
Plugged by 108830

Date started: 8-18, 20 09
Date completed: 8-21, 20 09

7. Water Level
Static water level: 100 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)
50+		3

9. WELL CONSTRUCTION
Depth Drilled 320 Feet Depth Cased 320 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 5/8 Inches	0 Feet	320 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	320

Perforations:
Type of perforation Factory
Size of perforation 3/32x3
From 240 feet to 280 feet
From 300 feet to 320 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 100 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 100 to 320 ☐ Pumped ☒ Poured
Type: 3/8x1/4 Pee Gravel
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 1790
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 8-22-09

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