STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123808
Permit No.
Basin 088

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. 73409

1. OWNER Richard Spangler
MAILING ADDRESS 4800 Ranch Land Cir
Reno, NV 89511

ADDRESS AT WELL LOCATION Same
Subdivision Name: County: Washoe

2. LOCATION SW ¼SE¼ Sec 2 T 17 N/S R 19 E
Latitude 39.361239 UTM E ☐ NAD 27
Longitude -119.816604 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. DOM15-34 (Issued by Water Resources) 045-690-24 (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, Sand & Gravel	x	140	190	50
Brown Clay		190	193	3
Boulders Cobbles & Sand	x	193	223	30
Layerd Grey Volcanic Rock	x	223	435	212

NAD 27
39.361329
119.815583

Washoe County Permit #
WL150049

Date started: 10/17, 20 15
Date completed: 10/22, 20 15

7. Water Level
Static water level: 122 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 57 °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	20	1	4

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

HOLE DIAMETER (BIT SIZE)

	From	To
6 1/8 Inches	140 Feet	435 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5"	10.79	.188	125	435

Perforations:
Type of perforation Factory
Size of perforation .060 Double perf. & Air Perf
From 415 feet to 375 feet
From 315 feet to 295 feet
From 215 feet to 155 feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☒ No
☐ Neat Cement to ☐ 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:
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
By driller performing actual drilling on site or contractor
Date 10/24/2015

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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Deepening unknown weld log