

DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

Log No. _____
Permit No. _____
Basin Ø87
NOTICE OF INTENT NO. 63595

PRINT OR TYPE ONLY

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

1. OWNER **Gene & Patricia McClelland**
MAILING ADDRESS **7495 Shadow Ln. Sparks NV. 89434**

2. LOCATION **SW¼SE¼ Sec27T20N/ R20E**

PERMIT/WAIVER NO. **08-020** Parcel No. **035-310-22**
Issued by Water Resources

ADDRESS AT WELL LOCATION **7495 Shadow Ln. Sparks NV. 89434**
N 39.564829 W 119.722069 N 117 27

Subdivision Name: _____ County: **Washoe**

Latitude **39.56474** UTM E NAD 27
Longitude **119.72309** N 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	Thick-ness
Top soil		0	1	1
Sandy clay, gravel, boulders		1	4	3
Brown clay		4	16	12
Clay with gravel & boulders		16	26	10
Sandy clay some gravel soft		26	30	4
Multi color clay, gravel	x	30	39	9
Black volcanic rock, clay		39	79	40
Brown sandy clay		79	104	25
Gray sandy clay		104	139	35
Gray volcanic rock		139	157	18
Gray sandy clay		157	220	63
Gray volcanic rock		220	223	3
Fracture		223	233	10
Gray volcanic rock		233	259	26
Gray volcanic rock some clay		259	299	40
Gray sandy clay		299	351	52
Gray volcanic rock some clay		351	389	38
Gray volcanic rock		389	392	3
Fracture		392	399	7
Gray volcanic rock some clay		399	441	42
Gray sandy clay		441	452	11
Fractured volcanic rock		452	459	7
Gray fractured rock		459	464	5
Gray sandy clay		464	471	7
Gray hard volcanic rock		471	491	20

9. WELL CONSTRUCTION

Depth Drilled **491** Feet Depth Cased **491** Feet

HOLE DIAMETER (BIT SIZE)

From	To
10 5/8 Inches	0 Feet to 100 Feet
9 7/8 Inches	100 Feet to 491 Feet
_____ Inches	_____ Feet to _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	0	491
_____	_____	_____	_____	_____

Perforations:

Type of perforation **Machine cut**

Size of perforation **3/32 x 3**

From	To
131 feet	151 feet
211 feet	231 feet
291 feet	311 feet
391 feet	411 feet
471 feet	491 feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	0 to 100	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	100 to 491	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: 1/8 x 1/4			
Bentonite Chips: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Type: _____			

Washoe Permit WL 080120

Date started: **10/22/08**, 20
Date completed: **11/14/08**, 20

7. Water Level

Static water level: **33** 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:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	22	340	4
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

2008 DEC 15 PM 12:38

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 & 2326**

Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor

Date **11/20/08**