

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

OFFICE USE ONLY  
Log No. 123779  
Permit No. 85213T  
Basin No. 153

PRINT OR TYPE IN BLACK INK ONLY  
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 72780  
WELL NAME (if applicable): #1

1. OWNER/CLIENT NAME Vicky Buchanon  
MAILING ADDRESS P.O. Box 227  
Eureka, NV 89316

DETAILED ADDRESS AT WELL LOCATION D 921 County Rd 101  
Diamond Valley, Nevada

2. PLS LOCATION NW 1/4 SE 1/4 NW 13 Sec 21 N/S 53 E  
PERMIT/WAIVER NO. 85213T  
Issued by Water Resources Current Parcel No.

Subdivision Name \_\_\_\_\_ County: Eureka  
Latitude NE39°4'44.0 UTM E  NAD 27  
Longitude W115°57.00 UTM N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Deepen: Orig WL# \_\_\_\_\_  
 Replacement: Original well log # \_\_\_\_\_  
 Recondition: Original well log # \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Mining / Dewater  
 Test / Other  
 Irrigation  Monitor  
 Corn / Ind  Stock  
 Mun / QM  Rec

5. WELL TYPE  
 Auger  Rotary  RVC  
 Air  Mud  Sonic  
 Other

6. LITHOLOGIC LOG				
Material Encountered	Lost Circ.	Water Strata	From	To
Top Soil			0	1
Sandy gravel			1	4
Hardpan			4	6
Sand and gravel			6	70
Black Clay with sand			70	90
Gray Clay			90	95
Black Clay			95	125
Cobble			125	126
Black Clay with sand			126	139
Gravel and Sand			139	145
Tan Clay			145	147
Sand and gravel		X	147	151
Sandstone	<u>39.670543</u>		151	158
Gravel	<u>115.758475</u>	X	158	162
Sandstone			162	183
Sand and Gravel		X	183	187
Clay and Gravel			187	205
Sandstone			205	210
Sand and Clay			210	219
Soft Sandstone		X	219	221
Tan Clay and Gravel			221	238
Cobbles and Tan Clay			238	265
Cemented Gravel			265	285
Clay and Sand			285	295
Clay and Cobbles			295	305

9. INSTRUCTION  
Depth Drilled: 380 Feet Depth Cased: 368 Feet

HOLE DIAMETER (BIT SIZE)			
	From	To	
	<u>26</u> Inches	<u>0</u> Feet	<u>360</u> Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>	<u>43</u>	<u>.025</u>	<u>+2</u>	<u>368</u>

ANNULAR MATERIALS

Sanitary Seal  Yes  No

<input type="checkbox"/> Neat Cement	<u>0</u> to <u>100</u>	<input type="checkbox"/> Pumped	<input checked="" 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"/> Bentonite Chips	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Gravel Pack [ > 0.2 in. ]	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack [ < 0.2 in. ]	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain: _____	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

PERFORATIONS:

Type of perforation: Mill Slot

Size of perforation: 3" x 3/16

From	<u>118</u>	Feet	To	<u>198</u>	Feet
From	<u>218</u>	Feet	To	<u>238</u>	Feet
From	<u>258</u>	Feet	To	<u>278</u>	Feet
From	<u>298</u>	Feet	To	<u>318</u>	Feet
From	<u>338</u>	Feet	To	<u>358</u>	Feet

Date started: August 3, 20 15  
Date completed: 10-30 20 15

7. WATER QUALITIES  
Static water level: 180 Feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: \_\_\_\_\_ ° Fahrenheit  
Water Quality: \_\_\_\_\_

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision. This report is true to the best of my knowledge.  
Name Fertig Drilling Co. Contractor  
Address P.O. Box 525, Elko, Nv 89803 Contractor  
Nevada contractor's license number as issued by the State Contractor's Board: 031904  
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on site driller): 2480  
Signed: Mark Fertig  
By driller performing actual drilling on site or contractor  
Date: 10-15-15

8. WELL TEST DATA

Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

