

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

OFFICE USE ONLY
Log No. 121526
Permit No. 13786
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. 72617
WELL NAME (if applicable): Well 1

1. OWNER/CLIENT NAME Vicky Buchanon
MAILING ADDRESS P.O. Box 227
NE Eureka, NV 89316 21

DETAILED ADDRESS AT WELL LOCATION 921 County Rd 101
Diamond Valley
Subdivision Name: _____ County: Eureka

2. PLS LOCATION NE 1/4 NE 1/4 13 Sec 18 N15 S3 E
PERMIT/WAIVER NO. 13786
Issued by Water Resources Current Parcel No.

Latitude NE 39 4 440 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 Irrigation Monitor
 Mining / Dewater Corn / Ind Stock
 Test / Other Mun / QM Rec Other

5. WELL TYPE
 Auger Rotary RVC
 Air Mud Sonic
 Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Drilled to bottom of hole			0	182
Black Sandstone			182	212
Clay			212	220
Sand and Gravel		X	220	229
Sandstone			229	230
Clay			230	233
Sandstone			233	236
Sand and Gravel		X	236	237
Clay			237	238
Sand and Gravel		X	238	282
Clay			282	287
Sand and Gravel			287	294
Sandstone			294	296
Gravel		X	296	298
Clay			298	300
Sand and Gravel		X	300	302
Clay			302	306
Gravel			306	310
Clay			310	311
Gravel		X	311	312
Sandstone			312	313
Gravel		X	313	329
Clay			329	333
<u>NAD 27</u>				
<u>39.690739°N</u>				
<u>115.949325°W</u>				
Date started:	<u>1-Oct</u>		20	14
Date completed:	<u>15-Oct</u>		20	14

9. INSTRUCTION

Depth Drilled: 340 Feet 333 Depth Cased: _____ Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
<u>143/4</u>	<u>182</u>	<u>340</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>12 3/4</u>			<u>+1</u>	<u>340</u>

ANNULAR MATERIALS

Sanitary Seal Yes No

Neat Cement _____ to _____ Pumped Poured

Cement Grout _____ to _____ Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

Bentonite Chips _____ to _____ Pumped Poured

Gravel Pack [> 0.2 in.] 333 to 0 Pumped Poured

Sand Pack [< 0.2 in.] _____ to _____ Pumped Poured

Other, explain: _____

PERFORATIONS:

Type of perforation: mill slot

Size of perforation: 3" x 3/16"

From <u>80</u>	Feet	To <u>260</u>	Feet
From <u>260</u>	Feet	To <u>340</u>	Feet
From _____	Feet	To _____	Feet
From _____	Feet	To _____	Feet
From _____	Feet	To _____	Feet

7. WATER QUALITIES

Static water level: 100 Feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: Cold ° Fahrenheit

Water Quality: _____

8. WELL TEST DATA

Test Method:	Bailer	<input checked="" type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<u>Approx</u>	<u>700</u>	<u>NA</u>	<u>72</u>

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision. This report is true to the best of my knowledge.

Name Fertig Drilling Contractor

Address P.O. Box 525 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 O. Williams
By driller performing actual drilling on site or contractor

Date: 12-1-14

Deepens Well log 6631