

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

**OFFICE USE ONLY**  
Log No. 116931  
Permit No. \_\_\_\_\_  
Basin No. 101

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. 69819  
WELL NAME (if applicable): GMW-5

1. OWNER/CLIENT NAME Gradient Resources  
MAILING ADDRESS 9670 Gateway Dr Suite 200  
Reno, NV 89521

DETAILED ADDRESS AT WELL LOCATION \_\_\_\_\_  
Subdivision Name: \_\_\_\_\_ County: Lyon

2. PLS LOCATION nw 1/4 SW 1/4 29 Sec 20 N/S 26 E  
PERMIT/WAIVER NO. TNEV2013445  
Issued by Water Resources Current Parcel No.

Latitude \_\_\_\_\_ UTM E 320042  NAD 27  
Longitude \_\_\_\_\_ UTM N 4381707  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  Com / Ind  Stock  
 Test / Other  Mun / QM  Rec

5. WELL TYPE  
 Auger  Rotary  RVC  
 Air  Mud  Sonic  
 Other

6. LITHOLOGIC LOG					
Material Encountered	Lost Circ.	Water Strata	From	To	Thick-ness
sand/gravel		yes	0	40	40
course sand/gravel		no	40	100	60
sand/gravel		no	100	120	20
sand/silt		no	120	160	40
silt/gravel		200'	160	430	270
course sand		yes	430	490	60
silt		no	490	540	50
sand/gravel		yes	540	640	100
basalt		700/900	640	920	280

9. WELL CONSTRUCTION					
Depth Drilled:	<u>920</u>	Feet	Depth Cased:	<u>919</u>	Feet
HOLE DIAMETER (BIT SIZE)					
	From		To		
	<u>14.75</u>	Inches	<u>0</u>	Feet	<u>40</u> Feet
	<u>9</u>	Inches	<u>40</u>	Feet	<u>640</u> Feet
	<u>8.75</u>	Inches	<u>640</u>	Feet	<u>920</u> Feet
CASING SCHEDULE					
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)	
<u>10.75</u>	<u>28</u>	<u>.25</u>	<u>0</u>	<u>40</u>	
<u>4.5</u>	<u>11.7</u>	<u>.25</u>	<u>+1</u>	<u>919</u>	

PERFORATIONS:  
Type of perforation: slots 6 rows of 38/20'  
Size of perforation: 2.5" long .020  
From 859 Feet To 919 Feet  
From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet  
From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

ANNULAR MATERIALS

<input checked="" type="checkbox"/> Sanitary Seal	<u>0</u> to <u>845</u>	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Neat Cement	_____ to _____	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	<u>0</u> to <u>845</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Bentonite Chips	<u>845</u> to <u>857</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> 15 % <input type="checkbox"/> 20 % <input type="checkbox"/> Other, explain: _____			
<input type="checkbox"/> Gravel Pack [ > 0.2 in. ]	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Sand Pack [ < 0.2 in. ]	<u>857</u> to <u>920</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain: _____	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Date started: 28-May, 20 13  
Date completed: 5-Jun, 20 13

7. WATER QUALITIES  
Static water level: \_\_\_\_\_ Feet below land surface  
Artesian Flow: 13 G.P.M. 6.25 P.S.I.  
Water Temperature: 91 ° Fahrenheit  
Water Quality: good

8. WELL TEST DATA			
Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>250</u>		<u>5</u>

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision. This report is true to the best of my knowledge.  
Name National EWP Contractor  
Address 580 W Silver St. Elko, NV 89801 Contractor  
Nevada contractor's license number as issued by the State Contractor's Board: 0075355  
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2420  
Signed: [Signature]  
By driller performing actual drilling on site or contractor  
Date: 6/25/2013

(Rev. 08-12)