

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

OFFICE USE ONLY
Log No. 106621
Permit No. _____
Basin 157

PRINT OR TYPE 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. 63001

1. OWNER Jamesgate Estates Utility, LLG ADDRESS AT WELL LOCATION Jamesgate Estates
MAILING ADDRESS 1359 Marlette Circle N38.760060 W119.352284 N4227
Gardnerville, NV 89460 Subdivision Name: _____ County: Lyon

2. LOCATION SE 1/4 NE 1/4 Sec 1 T 10N N/S R 23 E Latitude 38Deg 45.598 UTM E NAD 27
PERMIT/WAIVER No. 16477-4400 Longitude 119Deg 21.196 N NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	2	2
Hard Pan & Clay Layers		2	17	15
Sand & Clay Layers		17	23	6
Sand & Gravel		23	81	58
Gravel w/Cobbles		81	90	9
Clay & Sand Layers		90	105	15
Green Clay		105	126	21
Sand & Gravel		126	142	16
Clay w/Sand & Gravel Layers		142	157	15
Sand & Gravel		157	187	30
Gray Clay w/Some Sand Layers		187	224	37
Sand & Gravel		224	242	18
Sand & Gravel w/Clay Layers		242	351	109
Clay w/Some Sand Layers		351	381	30
Sand & Gravel		381	385	4
Clay w/Sand Layers		385	419	34
Sand & Gravel		419	431	12
Clay w/Sand Layers		431	489	58
Sand & Gravel w/Cobbles		489	494	5
Clay w/Sand Layers		494	511	17
Clay w/Sand Layers		511	542	31
Sand & Gravel		542	609	67

9. WELL CONSTRUCTION

Depth Drilled 609 Feet Depth Cased 599 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
<u>36</u> Inches	<u>0</u> Feet	<u>25</u> Feet	
<u>24</u> Inches	<u>25</u> Feet	<u>609</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>30</u>		<u>.250</u>	<u>0</u>	<u>5</u>
<u>30</u>		<u>Corrugated</u>	<u>5</u>	<u>25</u>
<u>16</u>		<u>.250</u>	<u>+2</u>	<u>599</u>

Perforations:

Type of perforation	Mild Slot
Size of perforation	<u>0.090"</u>
From <u>119</u> feet to <u>159'</u> Double Row MS feet	
From <u>159</u> feet to <u>199'</u> Quad Row MS feet	
From <u>199</u> feet to <u>519'</u> Double Row MS feet	
From <u>519</u> feet to <u>599'</u> Quad Row MS feet	

Annular Seal: Yes No

<input type="checkbox"/> Neat Cement	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	<u>0</u> to <u>100'</u>	<input checked="" 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: Yes No 100 to 609 Pumped Poured
Type: Gopher Rock 1/4" x 1/8"

Bentonite Chips: Yes No to Pumped Poured

Date started: 5-Aug : 20 08
Date completed: 8-Aug : 20 08

7. Water Level
Static water level 124.84 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: Good

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 type="checkbox"/> Air Lift			
Pumping Level <u>196.3</u>	<u>2050</u>	<u>71.46</u>	<u>8 1/2</u>

10. DRILLER'S CERTIFICATION

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

Name Hydro Resources Nevada Inc dba Humboldt Drilling & Pump Co
Contractor

Address 4975 W Winnemucca Blvd
Contractor

Winnemucca, NV 89445

Nevada contractor's license number
issued by the State Contractor's Board 56797

Nevada driller's license number issued by the
Division of Water Resources, the on-site driller 2158

Signed Cherell Jaynes - Office
By driller performing actual drilling on site or contractor

Date 8/25/2008