

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



OFFICE USE ONLY

Log No. 106547
Permit No. _____
Basin 179

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. 61601

1. OWNER SAM HENRIOD ADDRESS AT WELL LOCATION Steptoe Valley
MAILING ADDRESS HC 33 Box 33895 N40.093476 W114.636899
Ely, Nevada 89301 Subdivision Name: _____ County: White Pine

2. LOCATION NE ¼ SE ¼ Sec 33 T 26N N/S R 65 E Latitude 40°05.004 UTM E NAD 27
PERMIT/WAIVER No. 24225 Longitude 114°38.266 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	3	3
Clay & hard pan		3	8	5
Clay & sand layers		8	12	4
Fine sand w/some clay		12	14	2
Course sand w/small gravel		14	28	14
Cemented sand w/brn. Clay		28	49	21
Sand & small gravel		49	69	20
Silty clay w/sand layers		69	140	71
White clay w/grey clay layers		140	164	24
Sand and gravel		164	166	2
White clay		166	280	114
Sand & small gravel		280	282	2
White clay		282	287	5
Sand w/clay layers		287	303	16
Clay w/some sand layers		303	324	21
Sand and gravel		324	331	7
Clay w/some sand layers		331	334	3
Clay, white, brown, tan layers		334	390	56
Clay w/ sand streaks		390	399	9
Clay		399	531	132
Sand & gravel w/clay layers		531	541	10
Clay w/sand streaks		541	560	19
Clay and sand layers		560	615	55
Sand & gravel w/cobbles		615	704	79

9. WELL CONSTRUCTION

Depth Drilled 704 Feet Depth Cased 700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
	<u>36</u> Inches	<u>0</u> Feet	<u>50</u> Feet	
	<u>24</u> Inches	<u>50</u> Feet	<u>400</u> Feet	
	<u>17 1/2</u> Inches	<u>400</u> Feet	<u>700</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>30</u>		<u>.0250</u>	<u>0</u>	<u>5</u>
<u>30</u>		<u>Corrugated</u>	<u>5</u>	<u>45</u>
<u>16</u>		<u>.0250</u>	<u>+2</u>	<u>400</u>

Perforations:

Type of perforation	Size of perforation	Mill slot
	<u>+2</u>	<u>0.090</u>
From	<u>80</u> feet to	<u>80' blank</u> feet
From	<u>280</u> feet to	<u>280 D.R. Mill</u> feet
From	<u>360</u> feet to	<u>360 Q.R. Mill</u> feet
From	<u>400</u> feet to	<u>400 D.R. Mill</u> feet
From	<u>400</u> feet to	<u>700 12" D.R. Mill</u> feet

Annular Seal: Yes No

Neat Cement _____ to _____ Pumped Poured

Cement Grout 0 to 50 Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 50 to 704 Pumped Poured

Type: Gopher Rock 1/4" x 1/8"

Bentonite Chips: Yes No _____ to _____ Pumped Poured

Type: _____

Date started: 6/5/2008, 20
Date completed: 6/10/2008, 20

7. Water Level
Static water level: 46 feet below land surface
Artesian Flow: NA G.P.M. _____ P.S.I. _____
Water Temperature: Cool °F _____
Quality: Good

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>PWL=236</u>	<u>2000</u>	<u>190</u>	<u>6.5</u>

10. DRILLER'S CERTIFICATION

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

Name HUMBOLDT DRILLING & PUMP COMPANY
Contractor

Address 4975 W. Winnemucca Blvd.
Contractor

Winnemucca, Nevada 89445

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

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

Signed Judi Seach, Office
By driller performing actual drilling on site of contractor

Date 7/7/2008