

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

OFFICE USE ONLY
Log No. 118157
Permit No. 25034
Basin 031

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. 69771 ✓

1. OWNER Herb Clarno ADDRESS AT WELL LOCATION Bottle Creek Ranch
MAILING ADDRESS HC Rte 2 Box 351
Winnemucca, NV 89445

2. LOCATION SE ¼ SW ¼ Sec 23 T 40N N/S R 33 E Latitude 41deg 19.270min UTM E NAD 27
PERMIT/WAIVER No. 25034 Longitude 118deg 14.787min N NAD 83/WGS 84
Issued by Water Resources Parcel No. Subdivision Name: County: Humboldt

3. WORKED PERFORMED New Well Replace Recondition Deepen Other...
4. PROPOSED USE Domestic Irrigation Test Monitor Stock
5. WELL TYPE Cable Rotary RVC Air Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	4	4
Grey Clay		4	8	4
Tight Granite Sand		8	26	18
Brown Clay W/Granite Sand		26	40	14
Grey Clay		40	60	20
Sand, Gravel & Brown Clay		60	90	30
Sand & Gravel		90	100	10
Sand, Gravel & Brown Clay		100	110	10
Sand & Gravel		110	140	30
Grey Clay		140	160	20
Sand, Gravel & Cobbles		160	200	40
Cemented Sand & Gravel		200	220	20
Sand, Gravel & Cobbles		220	240	20
Strgrs Snd, Grvl, Cbbls & Brn Cly		240	280	40
Cemntd Snd, Grvl & Cobbles		280	320	40
Strngs Cemntd Snd, Grvl, Cbbls & Clean Sand, Gravel & Cobbles		320	420	100

8. WELL CONSTRUCTION

Depth Drilled 420 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>48</u> Inches	<u>0</u> Feet <u>50</u> Feet
<u>28</u> Inches	<u>50</u> Feet <u>420</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>36</u>		<u>.250</u>	<u>0</u>	<u>50</u>
<u>16</u>		<u>.250</u>	<u>+1</u>	<u>420</u>

Perforations:

Type of perforation	Mill Slot
Size of perforation	<u>1/4" X 3"</u>
From <u>80</u> feet to <u>400</u> feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
Depth of Seal 50
Placement Method: Pumped Poured
Gravel Packed: Yes No
From 0 feet to 50? 420 feet

9. WATER LEVEL

Static water level 56 feet below land surface
Artesian flow NA G.P.M. _____ P.S.I. _____
Water temperature 52 °F Quality Good

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.
Name AMS Enterprises, LLC Contractor
Address 399 Denio Hwy 140 Contractor
Winnemucca, NV 89445
Nevada contractor's license number issued by the State Contractor's Board 58683
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2140
Signed Aerod JOANNA BON STORM
By driller performing actual drilling on site or contractor
Date 11/16/2012

Date started 11/12/2012, 20
Date completed 11/16/2012, 20

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
PL 106	<u>5200</u>	<u>50</u>	Total <u>11.5</u>
PL 102	<u>4500</u>	<u>46</u>	
PL 97	<u>4000</u>	<u>41</u>	
PL 93	<u>3500</u>	<u>37</u>	
PL 86	<u>3000</u>	<u>30</u>	
PL 80	<u>2500</u>	<u>24</u>	
PL 75	<u>2000</u>	<u>19</u>	