

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

OFFICE USE ONLY
Log No. 117675
Permit No. 25035
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. 69776

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

2. LOCATION SE 1/4 SE 1/4 Sec 22 T 40N N/S R 34 E Latitude 41deg 19.280min UTM E NAD 27
PERMIT/WAIVER No. 25035 Longitude 118deg 15.326min 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
 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	20	20
Dark Brown Sand		20	24	4
Hard Silt		24	32	8
Cemented Gravel & Cobbles		32	48	16
Sand & Gravel		48	60	12
Silt, Sand & Gravel		60	80	20
Clean Sand, Gravel & Cobbles		80	100	20
Silt, Sand, Gravel & Cobbles		100	130	30
Clean Sand, Gravel & Cobbles		130	170	40
Silt, Sand, Gravel & Cobbles		170	210	40
Silt Stringers, Snd, Grvl & Cbbles		210	270	60
Hard Yellow Clay		270	320	50
Blue Shale		320	363	43
<i>Replaces well log 35900</i>				
<i>NAD 27 41.324 44.3° N 118.252 14.48° W</i>				

8. WELL CONSTRUCTION

Depth Drilled 363 Feet Depth Cased 360 Feet

HOLE DIAMETER (BIT SIZE)

From	To	From	To
42	0	Feet	100
28	100	Feet	363
Inches	Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
36		.312	0	100
16		.312	+1	360

Perforations:

Type of perforation _____ Mill Slot
Size of perforation 250 x 3in

From 40 feet to 360 feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 100ft Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 0 feet to 363 feet

9. WATER LEVEL

Static water level 90 feet below land surface
Artesian flow NA G.P.M. _____ P.S.I. _____
Water temperature 55 °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 0077730
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2140
Signed Jerod Johnson By Jerod Johnson
By driller performing actual drilling on site or contractor
Date 8/9/2013

Date started 7/29/2013, 20
Date completed 8/8/2013, 20

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
PL 221	4000	131	
PL 206	3500	116	
PL 188	3000	98	
PL 159	2500	69	Total Hours
PL 134	2000	44	13.5
PL 117	1500	27	
PL 110	1000	20	