

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

OFFICE USE ONLY
Log No. 121320
Permit No. 83611-T
Basin No. 105

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. 72170
WELL NAME (if applicable): _____

1. OWNER/CLIENT NAME Town of Minden
MAILING ADDRESS 1604 Esmeralda Ave. Minden, NV
89423

DETAILED ADDRESS AT WELL LOCATION 1800 Heybourne Rd.
Heybourne Well
Subdivision Name: _____ County: Douglas

2. PLS LOCATION SE 1/4 SW 1/4 20 Sec 13 N/S 20 E
PERMIT/WAIVER NO. 83611-T 1320-20-000-019
Issued by Water Resources Current Parcel No.

Latitude 38° 58.143 N UTM E _____ NAD 27
Longitude 119° 45.721 W UTM N _____ 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
Top Soil			0'	4'	4'
Sand and Gravel			4'	20'	16'
Silty Clay			20'	47'	27'
Sand, Gravel & Cobbles			47'	65'	18'
Clay with some Gravel			65'	71'	6'
Sandy Clay			71'	107'	36'
Sand, Gravel & Cobbles			107'	129'	22'
Sand, Gravel and Clay			129'	149'	20'
Sand and Gravel			149'	185'	36'
Coarse Sand and Clay			185'	205'	20'
Sand and Gravel			205'	227'	22'
Sand, Gravel & Clay			227'	261'	34'
Clay & Sand with some Gravel			261'	268'	7'
Gravel					
Sand and Gravel			268'	281'	13'
Sand, Gravel and Clay			281'	310'	29'

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2014 NOV 26 AM 11:31
STATE ENGINEERS DEPT.

NAD 27
38.969159°N
119.761027°W

9. WELL CONSTRUCTION

Depth Drilled: 310' Feet Depth Cased: 300' Feet

HOLE DIAMETER (BIT SIZE)

	From	To
42" Inches	0'	100'
24" Inches	+3'	300'

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.375"	0'	100'
16"		.312"	+3'	300'

PERFORATIONS:

Type of perforation: Stainless Steel Wire Wrap Screen

Size of perforation: 100" & .080"

From	To	Feet	To	Feet
From <u>158' (.100")</u>	To <u>198'</u>	Feet	To	Feet
From <u>208' (.100")</u>	To <u>223'</u>	Feet	To	Feet
From <u>265' (.080")</u>	To <u>285'</u>	Feet	To	Feet

ANNULAR MATERIALS

Sanitary Seal _____ to _____
 Neat Cement _____ 0' to 100' Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 Bentonite Chips _____ to _____ Pumped Poured
 Bentonite Grout _____ to _____ Pumped Poured
 15% 20% Other, explain: _____
 Gravel Pack [> 0.2 in.] _____ 0' to 310' Pumped Poured
 Sand Pack [< 0.2 in.] _____ to _____ Pumped Poured
 Other, explain: _____ to _____ Pumped Poured

SRI 1/4" X 1/8" and SRI #6

7. WATER QUALITIES

Static water level: 25.9' Feet below land surface
 Artesian Flow: No G.P.M. 0 P.S.I.
 Water Temperature: Cool ° Fahrenheit
 Water Quality: N/A

10. DRILLER'S CERTIFICATION

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

Name Stonehouse Drilling and Construction, LLC.
 Address 7801 Lakeside Drive Reno, NV 89511

8. WELL TEST DATA

Test Method: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Constant	<u>2,000</u>	<u>93.9'</u>	<u>48 Hours</u>

Nevada contractor's license number as issued by the State Contractor's Board: 0069994
 Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): #2158

Signed: [Signature]
 Date: 11.21.14

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY