Log No. 123817

Basin 110C

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. 74381
WELL NAME (if applicable): 31W-15

1. OWNER/CLIENT NAME Hydro Geologic
MAILING ADDRESS 14142 Denver W Pkwy
Lakewood CO 80401

DETAILED ADDRESS AT WELL LOCATION Grant Ave and 3rd Ave N (Central Magazine Hawthorne, NV)
Subdivision Name: County: Mineral

2. PLS LOCATION ¼ SW ¼ SE Sec 12 T 8 S 30 E
PERMIT/WAIVER NO. M10-2019 (Issued by Water Resources) T8N (Current Parcel No.)

Latitude 362061.242926 UTM E ☐ NAD 27
Longitude 4269642.251981 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
Blind drill Sonic			0	115
Sand w/ gravel			115	116
Sand			116	117
Clay w/ Sand			117	122
Silty Sand (Sand)			122	122
Lean Clay			122	127
Sand w/ Silt			127	137
Sandy lean Clay			137	144
Sandy lean Clay			144	147
Clay w/ Gravel			147	150
NAD 27				
38.564572				
118.582309				

Date started: 10-17 20 05
Date completed: 10-17 20 05

7. WATER QUALITIES
Static water level: Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)

9. CONSTRUCTION
Depth Drilled: 150 Feet Depth Cased: Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6 Inches	0 Feet	150 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	Sch 40	Sch 40 PVC	0	129

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	0	to 124	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	124	to 127	☐ Pumped	☐ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	147	to 150	☐ Pumped	☐ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Slotted
Size of perforation: .020

From	To
128 Feet	148 Feet
Feet	Feet
Feet	Feet
Feet	Feet
Feet	Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Major Drilling America Inc (Contractor)
Address 2200 S 4000 W Salt Lake City UT 84120 (Contractor)

Nevada contractor's license number as issued by the *State Contractor's Board*: 0062830
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 1988

Signed: (By driller performing actual drilling on site or contractor)
Date: 11/5/15

RECEIVED NOV 12 PM 2:15 STATE ENGINEER'S OFFICE

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. 1 of pg. 1