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

OFFICE USE ONLY
Log No. 112457
Permit No.
Basin 054

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. 66470 (1)

1. OWNER DERRICK JOHNSTON
MAILING ADDRESS P.O. BOX 133
BATTLE MOUNTAIN, NV 89820

ADDRESS AT WELL LOCATION 7025 INDIAN CREEK ROAD
Subdivision Name: County: Lander

2. LOCATION NE ¼ NE ¼ Sec 17 T 29N N/S R 46 E
PERMIT/WAIVER No. 007-240-18 *Issued by Water Resources* Parcel No.

Latitude
Longitude
UTM E 11T 0515646 [X] NAD 27
N 4470860 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOPSOIL		0	3	3
GRAVEL WITH SAND AND				
BOULDERS		3	50	47
HARD GREY VOLCANIC TUFT	X	50	150	100
GREEN VOLCANIC TUFT		150	170	20
GREY BLACK VOLCANIC TUFT	X	170	200	30
BLACK VOLCANIC TUFT AND				
SHALE MIXTURE	X	200	235	35
1ST WATER (SEALED OFF) X	50			
2ND WATER X	180			
3RD WATER X	220			
40.390087°N NAD27 D.D.				
116.815657°W				

Date started: 1-Nov , 20 10
Date completed: 5-Nov , 20 10

9. WELL CONSTRUCTION
Depth Drilled 235 Feet Depth Cased 235 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	235	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+2	220
5.5	20.8	.375	215	235

Perforations:
Type of perforation MACHINED MILL SLOT/ PERFORATOR
Size of perforation 3/16 X 3", 6 ROW/ 4 ROW PERF TOOL

From 120 feet to 180 PERF TOOL feet
From 180 feet to 200 MACHINED feet
From 200 feet to 220 PERF TOOL feet
From 215 feet to 235 TORCH CUT feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 4 to 100 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 100 to 220 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

7. Water Level
Static water level: 27 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 57 °F
Quality: GOOD

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
125 PSI @			
825 CFM	8		2

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. Contractor
Address P. O. BOX 850 Contractor
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1653
Signed Jay C. Bower By driller performing actual drilling on site or contractor
Date 11/9/2010

(Rev. 06-06)
USE ADDITIONAL SHEETS IF NECESSARY

MMH-P