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

OFFICE USE ONLY
Log No. 111993
Permit No.
Basin 049

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. 66001 (i)

1. OWNER ROYCE HACKWORTH
MAILING ADDRESS 1031 DOTTA DR
ELKO, NV 89801

ADDRESS AT WELL LOCATION MESA DR
Subdivision Name: ADOBE HEIGHTS County: ELKO

2. LOCATION SE ¼ SW ¼ Sec 1 T 34N N/S R 54 E
PERMIT/WAIVER No. 005-510-032
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0597286 [X] NAD 27
N 4523098 [ ] 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 STRIPPED				
GRAVEL AND BOULDERS		0	10	10
TAN CLAY		10	20	10
BLACK SHALE	X	20	80	60
GREY GREEN VOLCANIC TUFF		80	265	185
FRACTURED VOLCANIC TUFF	XX	265	275	10
GREY VOLCANIC TUFF		275	380	105
GREY BLACK SHALE		380	460	80
GREY VOLCANIC TUFF		460	500	40
GREY BLACK PEDIMENT		500	620	120
BROWN AND GREY PEDIMENT	X	620	640	20
GREY AND BLACK TUFF		640	740	
1ST WATER SEALED OFF X	40			
2ND WATER XX	265			
3RD WATER X	640			
4TH WATER X	720			
40.855069°N	NAD	27 D.	D.	
115.845799°W		-GPS		

Date started: 9-Aug , 20 10
Date completed: 18-Aug , 20 10

9. WELL CONSTRUCTION
Depth Drilled 740 Feet Depth Cased 740 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	740	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	740

Perforations:
Type of perforation MACHINED MILL SLOT
Size of perforation 3/16" X 3", 6 ROW
From 260 feet to 280 feet
From 617 feet to 657 feet
From 720 feet to 740 feet
From feet to 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 740 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

7. Water Level
Static water level: 132 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 68 °F
Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
140 PSI @			
825 CFM	25		3.5

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 (By driller performing actual drilling on site or contractor)
Date 9/16/2010

(Rev. 05-06)
USE ADDITIONAL SHEETS IF NECESSARY

MMH-F