

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

OFFICE USE ONLY
Log No. 4462-116700
Permit No. 82772
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. 70270

1. OWNER ARTISAN EAST LLC ADDRESS AT WELL LOCATION 1671 HAMILTON CREEK TRAIL
MAILING ADDRESS 4940 LEO BINGO CT
WASHOE VALLEY, NV 89704 Subdivision Name: SPECIAL LANDS County: ELKO

2. LOCATION SE 1/4 NW 1/4 Sec 28 T 34N N/S R 55 E Latitude UTM E 11T 0602377 NAD 27
PERMIT/WAIVER No. 69713-R11 (82772) | 006-09P-127 Longitude N 4517471 NAD 83/WGS 84
Issued by Water Resources Parcel No.

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 STRIPPED				
GRAVEL & SAND		0	15	15
GREEN SAND & CLAY		15	60	45
GREY BLACK CLAY		60	80	20
VOLCANIC TUFT	X	80	160	80
GREY SHALE		160	170	10
THICK BLACK CLAY		170	190	20
BLACK SANDSTONE	XX	190	220	30
NAD27 40.803760°N 115.780336°W				
1ST WATER	X	80		
2ND WATER	XX	200		
RECEIVED 2013 MAY 20 AM 11:09 STATE ENGINEERS OFFICE				
Date started:	<u>10-May</u>	<u>20</u>	<u>13</u>	
Date completed:	<u>10-May</u>	<u>20</u>	<u>13</u>	

9. WELL CONSTRUCTION

Depth Drilled 220 Feet Depth Cased 220 Feet

HOLE DIAMETER (BIT SIZE)
From 10 5/8" To 220
Inches 0 Feet 220
Inches Feet
Inches Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+1.5	60
6.625	4	SDR 21 .316	60	220

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .025 6 ROW
From 200 feet to 220 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: Yes No
 Neat Cement 4 to 25 Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No 55 to 220 Pumped Poured
Type: 3/8" WASHED PEA GRAVEL

Bentonite Chips: Yes No 25 to 55 Pumped Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 58 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 67 °F
Quality: GOOD

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AT 220'	75		2 HOURS
AT 140'	60		
AT 120'	50		
AT 100'	35		1/2 HOUR
AT 80'	15		

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 020582
issued by the State Contractor's Board
Nevada driller's license number issued by the 1653
Division of Water Resources, the on-site driller
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 5/13/2013