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

OFFICE USE ONLY
Log No. 116849
Permit No. 82808
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. 70280

1. OWNER ARTISAN EAST LLC
MAILING ADDRESS 4940 LEO BINGO CT
WASHOE VALLEY, NV 89704

ADDRESS AT WELL LOCATION 2013 HAMILTON CREEK TRAIL
Subdivision Name: SPECIAL LANDS County: ELKO

2. LOCATION NE ¼ SW ¼ Sec 28 T 34N N/S R 55 E
PERMIT/WAIVER No. 82808 (69713-R11) 006-09P-135
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0602512 [X] NAD 27
N 4517140 [ ] NAD 83/WGS 84

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

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL STRIPPED				
GRAVEL & SAND		0	10	10
GREEN CLAY & SAND		10	110	100
GREY CLAY	X	110	180	70
BLACK SHALE		180	200	20
BLACK VOLCANIC TUFT	XXX	200	240	40
1ST WATER X	140			
2ND WATER XXX	220			

NAD27
40.407110°N
115.784790°W

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Date started: 4-Jun, 20 13
Date completed: 5-Jun, 20 13

9. WELL CONSTRUCTION
Depth Drilled 240 Feet Depth Cased 240 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	240	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	+1 1/2	60
6.625	4	SDR 21 .316	60	240

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .025 6 ROW
From 220 feet to 240 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

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

Gravel Pack: [X] Yes [ ] No 55 to 240 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [X] Yes [ ] No 25 to 55 [ ] Pumped [X] Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 85 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 80 °F
Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AT 240'	40		1 1/2 HOURS
AT 220'	30		
AT 160'	20		
AT 140'	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 issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1166
Signed Dale C. Vaughn (By driller performing actual drilling on site or contractor)
Date 6/18/2013

(Rev. 06-08)
USE ADDITIONAL SHEETS IF NECESSARY