STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116850
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. 70278

1. OWNER PHILIP GILES
MAILING ADDRESS 297 MEADOW VALLEY RANCH #5
NW ELKO, NV 89801

ADDRESS AT WELL LOCATION 4743 SPEAR ST
Subdivision Name: MVR 4 County: ELKO

2. LOCATION NE ¼ NE ¼ Sec 19 T 35N N/S R 56 E
PERMIT/WAIVER No. 036-008-005
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0609126 [X] NAD 27
N 4529352 [ ] 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
TOP SOIL		0	1	1
SAND & GRAVEL		1	15	14
SAND & GRAVEL w/ CLAY &		15		
SILT			120	105
GRAVEL & SAND	X	120	180	40
FINE GRAVEL	XX	180	220	40
1ST WATER	X	150		
2ND WATER	XX	210		

NADEV
40.0 Cagpd
115.2cu 263°C w

2013 JUN 27 PM 12:1
STATE ENGINEERS OFFICE

Date started: 31-May, 20 13
Date completed: 3-Jun, 20 13

9. WELL CONSTRUCTION
Depth Drilled 220 Feet Depth Cased 220 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	220	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

Perforations:
Type of perforation PLASMA CUT
Size of perforation 3/16" X 4", 7 ROWS
From 200 feet to 220 feet
From 140 feet to 160 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 220 [ ] 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: 96 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 53 °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 220'	25		2 HOURS
AT 200'	20		
AT 160'	20		1/2 HOUR
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 (By driller performing actual drilling on site or contractor)
Date 6/11/2013

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY