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

OFFICE USE ONLY
Log No. 48648
Permit No.
Basin 052

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. 70715

1. OWNER DOUG MARTIN
MAILING ADDRESS P.O. BOX 1
CARLIN, NV 89822

ADDRESS AT WELL LOCATION STATE ROUTE 278
Subdivision Name: CARLIN County: ELKO

2. LOCATION SW ¼ SE ¼ Sec 33 T 33N N/S R 52 E
PERMIT/WAIVER No. 002-230-004
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0573430 [X] NAD 27
N 4505277 [ ] 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	15	15
GRAVEL		15	40	25
GRAVEL & RED CLAY		40	110	70
FINE GRAVEL	X	110	180	70
ONLY ABLE TO DRIVE				
THE CASING TO 166'				
NO OPEN HOLE BELOW 166'				

Date started 19-Nov, 20 13
Date completed 26-Nov, 20 13

9. WELL CONSTRUCTION
Depth Drilled 180 Feet Depth Cased 166 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	180	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	166

Perforations:
Type of perforation PLASMA CUT/ PERFORATOR
Size of perforation 3/16" X 4", 7 ROW/ 4 ROW PERF TOOL
From 120 feet to 140 PERF TOOL feet
From 146 feet to 166 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 4 to 105 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [X] Yes [ ] No 105 to 166 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

NAD27
40.697028°N
116.130585°W

7. Water Level
Static water level: 27 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 88 °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 165'	50		6 1/2 HOURS
AT 120'	30		15 MIN
AT 100'	27		5 MIN
AT 80'	22		15 MIN

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. Vedon (By driller performing actual drilling on site or contractor)
Date 11/27/2013

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

2013 DEC 2 AM 11:23 STATE ENGINEER'S OFFICE