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

OFFICE USE ONLY
Log No. 110560
Permit No.
Basin 044

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. 63923 (1)

1. OWNER MIKE FREDERICK
MAILING ADDRESS 829 NORTHSIDE DRIVE
SE ELKO, NV 89801

ADDRESS AT WELL LOCATION MOUNTAIN CITY HWY
STATE ROUTE 226
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION ~~NE~~ ¼ SW ¼ Sec 11 T 36N N/S R 54 E
PERMIT/WAIVER No. 005-530-009
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0595403 [X] NAD 27
N 4541139 [ ] 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		0	3	3
GRAVEL		3	70	67
TAN CLAY w/GRAVEL		70	90	20
SANDSTONE GRAY, HARD		90	150	60
SANDSTONE TAN, MED. HARD		150	160	10
SANDSTONE, MED HARD		160	360	200
SANDSTONE, HARD	X	360	380	20
SANDSTONE, HARD		380	420	40
VOLCANIC SILICIFIED, HARD	XXX	420	460	40
41.017,781°N NAD27 D.O.				
115.865,357°W				

Date started: 27-Mar, 20 09
Date completed: 1-Apr, 20 09

9. WELL CONSTRUCTION
Depth Drilled 460 Feet Depth Cased 458 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	460	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	458

Perforations:
Type of perforation MACHINE MILL SLOT
Size of perforation 3/16" X 3", 6 ROWS
From 358 feet to 378 feet
From 438 feet to 458 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 4 to 15 [ ] 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 458 [ ] Pumped [X] Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: [X] Yes [ ] No 15 to 55 [ ] Pumped [X] Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 161 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
825 CFM	60		3

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 4/1/2009

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

MMH - (F)