STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 710528
Permit No.
Basin 153

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. 63920

1. OWNER WILLIAM MARSHALL
MAILING ADDRESS HC 62, BOX 62138
EUREKA, NV 89316

ADDRESS AT WELL LOCATION HC 62, BOX 62138
4.3 mi., due E. on 11th Street from SR 278
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION SW ¼ SE ¼ Sec 2 T 21N N/S R 53 E
PERMIT/WAIVER No. 007-200-38
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11S 0588127 [X] NAD 27
N 4395856 [ ] 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
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL		0	2	2
BROWN SAND		2	80	78
GREY BLACK CLAY		80	100	20
FINE GRAVEL W/ SAND	X	100	130	30
GREY/BLACK SAND		130	170	40
GRAVEL & SAND	X	170	250	80
COURSE SAND	X	250	270	20
THICK TAN CLAY		270	300	30
FINE GRAVEL	XX	300	325	25
HOLE BRIDGED AT 130' WHILE				
INSTALLING THE PEA GRAVEL				
39.710°N NAD 27 D.D.				
115.972°W				

Date started: 12-Jan , 20 09
Date completed: 20-Jan , 20 09

9. WELL CONSTRUCTION
Depth Drilled 325 Feet Depth Cased 325 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	325	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	325

Perforations:
Type of perforation MACHINE MILL SLOT
Size of perforation 3/16" X 3", 6 ROWS
From 305 feet to 325 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 70 to 130 [ ] Pumped [X] Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: [X] Yes [ ] No 25 to 70 [ ] Pumped [X] Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 119 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)
AIR LIFT	80		4

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* 1653
Signed Jerry C. Bauer (By driller performing actual drilling on site or contractor)
Date 2/6/2009

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

MMA - (F)