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

OFFICE USE ONLY
Log No. 110199
Permit No.
Basin 048

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. 15803

1. OWNER HAL BARKDULL
MAILING ADDRESS 211 OAK STREET
NE ELKO, NV 89801

ADDRESS AT WELL LOCATION WAGON TRAIL DRIVE
Subdivision Name: WESTERN HILLS County: ELKO

2. LOCATION SE ¼ NE ¼ Sec 15 T 33N N/S R 55 E
PERMIT/WAIVER No. 077-003-021
Issued by Water Resources Parcel No.

Latitude 40.749444°N
Longitude 115.756362°W
N 2027 ft

UTM E 11T 0604991 [X] NAD 27
N 4511476 [ ] 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
BLACK TOPSOIL		0	2	2
HARD TAN SHALE		2	230	228
HARD GREY/GREEN SHALE	X	230	300	70
SOFT GREY/TAN SHALE		300	310	10
HARD BLACK SHALE	X	310	370	60
HARD GREY SHALE	X	370	450	80
SOFT GREEN VOLCANICS	XX	450	580	130
1 ST WATER	260			
LESS THAN 4 GPM				
2ND WATER	350			
3RD WATER	420			
4TH WATER	560			

Date started: 20-Nov, 20 08
Date completed: 22-Nov, 20 08

9. WELL CONSTRUCTION
Depth Drilled 580 Feet Depth Cased 580 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	540	Feet
7 7/8	Inches	540	Feet	580	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	580

Perforations:
Type of perforation MACHINED MILL SLOTS
Size of perforation 3/16" X 3", 6 ROWS
From 400 feet to 420 feet
From 560 feet to 580 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 2 to 50 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 50 to 140 [ ] Pumped [X] Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

7. *Water Level*
Static water level: 33 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)
15		7

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 11/24/2008

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-08)