

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

OFFICE USE ONLY
Log No. 122050
Permit No. _____
Basin No. 037

PRINT OR TYPE IN BLACK INK 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. 72758

WELL NAME (if applicable): _____

1. OWNER/CLIENT NAME CARL DIEKHANS
MAILING ADDRESS 265 KEPPLER DRIVE
ELKO, NV 89801

DETAILED ADDRESS AT WELL LOCATION PYRITE AVENUE
BLK D, LOT 9
Subdivision Name: WILDHORSE ESTATES 1 County: ELKO

2. PLS LOCATION SW 1/4 SW 1/4 8 Sec 43N N/S 55 E
PERMIT/WAIVER NO. 085-004-009
Issued by Water Resources Current Parcel No.

Latitude _____ UTM E 599435 NAD 27
Longitude _____ UTM N 4609327 NAD 83/WGS 84

3. WORKED PERFORMED
 New Well Deepen: Orig WL# _____
 Replacement: Original well log # _____
 Recondition: Original well log # _____

4. PROPOSED USE
 Domestic Irrigation Monitor
 Mining / Dewater Com / Ind Stock
 Test / Other Mun / QM Rec

5. WELL TYPE
 Auger Rotary RVC
 Air Mud Sonic
 Other

6. LITHOLOGIC LOG				
Material Encountered	Lost Circ.	Water Strata	From	To
TOP SOIL			0	1
GRAVEL w/ SAND & CLAY			1	50
BLACK PEBBLE CONGLOMERATE		X	50	150
REDISH TAN CONGLOMERATE			150	260
TAN CONGLOMERATE			260	320
GREY CONGLOMERATE		X	320	340
REDISH BROWN SOFT CONGLOMERATE			340	380
RED & BLACK FINE GRAVEL		XXX	380	402
1ST WATER	X	50		
2ND WATER	X	320		
3RD WATER	XXX	380		

9. INSTRUCTION
Depth Drilled: 402 Feet Depth Cased: 402 Feet

HOLE DIAMETER (BIT SIZE)			
	From	To	
<u>10 5/8</u> Inches	<u>0</u> Feet	<u>402</u> Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6.625</u>	<u>13</u>	<u>.188</u>	<u>+2</u>	<u>398</u>
<u>5.563</u>	<u>14.6</u>	<u>.258</u>	<u>387</u>	<u>402</u>

ANNULAR MATERIALS
Sanitary Seal Yes No

Neat Cement 4 to 105 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 Bentonite Chips _____ to _____ Pumped Poured
 Gravel Pack [> 0.2 in.] 105 to 402 Pumped Poured
 Sand Pack [< 0.2 in.] _____ to _____ Pumped Poured
 Other, explain: _____ to _____ Pumped Poured

PERFORATIONS:
Type of perforation: PLASMA CUT
Size of perforation: 3/16" X 4"

From <u>(6") 378</u> Feet	To <u>398</u> Feet
From <u>(5.5") 387</u> Feet	To <u>402</u> Feet
From _____ Feet	To _____ Feet
From _____ Feet	To _____ Feet
From _____ Feet	To _____ Feet

Date started: 20-Mar 20 15
Date completed: 31-Mar 20 15

7. WATER QUALITIES
Static water level: 65 Feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 70 ° Fahrenheit
Water Quality: FAIR

8. WELL TEST DATA

Test Method:	G.P.M.			Recorded Time (Hours)
	Bailer	Pump	Draw Down (Feet Below Static)	
AT 360'	<input type="checkbox"/>	<input type="checkbox"/>	<u>75</u>	<u>17 HOURS</u>
AT 320'	<input type="checkbox"/>	<input type="checkbox"/>	<u>40</u>	<u>TOTAL</u>
AT 160'	<input type="checkbox"/>	<input type="checkbox"/>	<u>25</u>	
AT 150'	<input type="checkbox"/>	<input type="checkbox"/>	<u>18</u>	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. Contractor
Address P.O. BOX 850, ELKO, NV 89803 Contractor
Nevada contractor's license number as issued by the State Contractor's Board: 020582
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): _____
Signed: [Signature]
Date: 4/2/2015

(Rev. 12-13)

USE ADDITIONAL SHEETS IF NECESSARY