

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

OFFICE USE ONLY  
Log No. 117136  
Permit No. 230  
Basin                     

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. 37561

1. OWNER Howard Rast  
MAILING ADDRESS P.O. Box 362  
Amargosa Valley, NV. 89020  
2. LOCATION NW 1/4 SW 1/4 Sec 7 T 17 N R 49 E  
PERMIT/WAIVER No. 019-401-23  
Issued by Water Resources Parcel No.                     

ADDRESS AT WELL LOCATION 1759 S. Miner rd  
Amargosa Valley, NV. 89020  
Subdivision Name:                      County: NYE  
Latitude 36° 29' 14.74" N UTM E  NAD 27  
Longitude 116° 30' 5.12" W UTM N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>loose sand + gravel</u>	<u>1st</u>	<u>105</u>	<u>120</u>	<u>15</u>
<u>grey sand, clay</u>		<u>120</u>	<u>145</u>	<u>25</u>
<u>sand w/ gravel</u>		<u>145</u>	<u>180</u>	<u>35</u>
<u>fine gravel</u>	<u>2nd</u>	<u>180</u>	<u>195</u>	<u>15</u>
<u>gravel w/ sand</u>		<u>195</u>	<u>213</u>	<u>18</u>
<u>Bottom of well</u>			<u>213</u>	
<u>could not locate well log for original well</u>				

DCNR/DWR/SNBO  
RECEIVED  
MAY 08 2013

9. WELL CONSTRUCTION

Depth Drilled 213 Feet Depth Cased 213 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Inches	Feet
<u>7 3/4"</u>	<u>105</u>	<u>105</u>	<u>213</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8</u>	<u>steel</u>	<u>.188</u>	<u>0</u>	<u>105</u>
<u>4.5</u>	<u>PVC</u>		<u>0</u>	<u>213</u>

Perforations:

Type of perforation Machined  
Size of perforation 4-R-.032 slotted screen  
From 90 feet to 190 feet

Annular Seal:  Yes  No

Neat Cement to                       Pumped  Poured  
 Cement Grout 0 to 50  Pumped  Poured  
 Concrete Grout to                       Pumped  Poured  
 ≥30% Bentonite Grout to                       Pumped  Poured

Gravel Pack:  Yes  No 50 to 213  Pumped  Poured  
Type: 3/8" washed gravel

Bentonite Chips:  Yes  No to                       Pumped  Poured  
Type:                     

7. Water Level  
Static water level: 85 feet below land surface  
Artesian Flow:                      G.P.M.                      P.S.I.  
Water Temperature:                      °F  
Quality:                     

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Cook Drilling Co. #2  
Address P.O. Box 140  
Amargosa Valley, NV. 89020  
Nevada contractor's license number 5376-A  
issued by the State Contractor's Board  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2160  
Signed Randy Thaddeus  
Date 5/13/13

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)