

OFFICE USE ONLY  
 Log No. 92515  
 Permit No. \_\_\_\_\_  
 Basin. 212

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23600

1. OWNER Hard Carbon LLC ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 4530 S. Decatur Blvd \_\_\_\_\_  
Las Vegas, NV 89103-5239 \_\_\_\_\_  
75 E. Harmon Ave \_\_\_\_\_  
Las Vegas, NV \_\_\_\_\_  
 2. LOCATION NW 1/4 SW 1/4 Sec. 21 T. 21 N. 61 E. Clark County \_\_\_\_\_  
 PERMIT NO. 162-21-301-006 Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
 5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Silty Sand w/ gravel</u>		<u>0</u>	<u>7</u>	<u>7</u>
<u>Cemented Sand &amp; gravel</u>		<u>7</u>	<u>11</u>	<u>4</u>
<u>Silty Sand w/ gravel</u>		<u>11</u>	<u>18</u>	<u>7</u>
<u>clay w/ sand</u>		<u>18</u>	<u>21</u>	<u>3</u>
<u>Silty Sand w/ gravel</u>	<u>23</u>	<u>21</u>	<u>31</u>	<u>10</u>
<u>Cemented Sand &amp; gravel</u>		<u>31</u>	<u>35</u>	<u>4</u>
<u>Clay</u>		<u>35</u>	<u>40</u>	<u>5</u>

DCNR/DWR  
RECEIVED  
FEB 10 2004  
LAS VEGAS OFFICE

8. WELL CONSTRUCTION  
 Depth Drilled 40 Feet Depth Cased 40 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 0 To 40  
6.5 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.5</u>	<u>Sch 40</u>	<u>PVC</u>	<u>0</u>	<u>20</u>

Perforations:  
 Type perforation Factory Slotted  
 Size perforation .020  
 From 20 feet to 40 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 18  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Gravel Packed:  Yes  No  
 From 18 feet to 40 feet

9. WATER LEVEL  
 Static water level 23 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 Western Technologies Inc.  
 Address 3611 W. Tompkins  
Las Vegas, NV 89103  
 Nevada contractor's license number NVPE14435  
 issued by the State Contractor's Board  
 Nevada driller's license number issued by the 2057  
 Division of Water Resources, the on-site driller  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date Feb 10, 2003

Date started January 23 2004  
 Date completed January 23 2004

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>NA</u>			