

M-143

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

OFFICE USE ONLY  
Log No. 109151  
Permit No. \_\_\_\_\_  
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

1. OWNER Tronox LLC  
MAILING ADDRESS PO Box 268359  
Oklahoma City, OK 73126-8859

NOTICE OF INTENT NO. 34495  
ADDRESS AT WELL LOCATION North of Lake Mendocino PKWY & East of 4th St  
Subdivision Name: \_\_\_\_\_ County: CLARK

2. LOCATION SE 1/4 SW 1/4 Sec 12 T 22 N R 62 E  
PERMIT/WAIVER No. 178-12-401-009  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 36.02.520 UTM E  NAD 27  
Longitude 115.00.243 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 Sonic

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thickness
<u>Silty Sand</u>		<u>0</u>	<u>17</u>	<u>17</u>
<u>Sandy Silt with Gravel</u>		<u>17</u>	<u>29</u>	<u>12</u>
<u>Silty Sand</u>		<u>29</u>	<u>36</u>	<u>7</u>
<u>Sandy Silt</u>		<u>36</u>	<u>45</u>	<u>9</u>
<u>Silty Clay</u>		<u>45</u>	<u>47</u>	<u>2</u>

9. WELL CONSTRUCTION  
Depth Drilled 47 Feet Depth Cased 45 Feet

HOLE DIAMETER (BIT SIZE)			
	From	To	
<u>6</u> Inches	<u>0</u> Feet	<u>47</u> Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>.69</u>	<u>.154</u>	<u>0</u>	<u>35</u>

Perforations:  
Type of perforation Factory Slot  
Size of perforation 1020  
From 35 feet to 45 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No  
 Neat Cement \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout 0 to 3  Pumped  Poured  
 ≥30% Bentonite Grout 3 to 26  Pumped  Poured  
Gravel Pack:  Yes  No 30 to 47  Pumped  Poured  
Type: 10-20  
Bentonite Chips:  Yes  No 26 to 30  Pumped  Poured  
Type: 3/8 Chips

Date started: 9-3, 20 09  
Date completed: 9-4, 20 09

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

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name Boart Longyear Co Contractor  
Address 7773 W Seldon Ln Contractor  
Peoria, AZ 85345  
Nevada contractor's license number \_\_\_\_\_  
issued by the State Contractor's Board CO10157  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2147  
Signed Shawn Li  
By driller performing actual drilling on-site or contractor  
Date 9-11-09