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

OFFICE USE ONLY
Log No. 108485
Permit No.
Basin 212

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. 61792

1. OWNER Tronox LLC
MAILING ADDRESS PO Box 268859
Oklahoma City, OK 73126-8859

ADDRESS AT WELL LOCATION East of Eastgate Rd & South of Warm Springs Rd.
Subdivision Name: County: Clark

2. LOCATION NW ¼ NW ¼ Sec 12 T 22 N or R 62 E
PERMIT/WAIVER No. 17812101003 *Issued by Water Resources* Parcel No.

Latitude 36 03' 13"
Longitude 115 00' 39"
UTM E N
☐ NAD 27 ☒ 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 RotoSonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand with Silt		0	17	17
Sandy silt with Caliche	X	17	45	28
Clayey silt	X	45	50	5

Date started: 5-4, 20 09
Date completed: 6-14, 20 09

9. WELL CONSTRUCTION
Depth Drilled 50' Feet Depth Cased 49' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	50	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	.69	.154	0	26
2.375	.69	.154	46	49

Perforations:
Type of perforation Factory Slot
Size of perforation .010
From 26 feet to 46 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

		to		
☐ Neat Cement			☒ Pumped	☐ Poured
☐ Cement Grout			☒ Pumped	☐ Poured
☒ Concrete Grout	0	3	☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	3	16	☐ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	48	21	☐ Pumped	☒ Poured
Type: 10-20 Sand	21	19	#60 Transition Sand	
Bentonite Chips: ☒ Yes ☐ No	50	48	☐ Pumped	☒ Poured
Type: K4 Pellets	19	16		

7. Water Level
Static water level: 32 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

DGNR/DWR RECEIVED
JUL 13 2009
LAS VEGAS OFFICE

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* 0010157
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* M-2147
Signed (By driller performing actual drilling on site or contractor)
Date 7-8-09

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)