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

OFFICE USE ONLY
Log No. 108490
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. 60942

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 NW¼ NW ¼ Sec 12 T 22 N R 62 E
PERMIT/WAIVER No. 17812101003
Issued by Water Resources Parcel No.

Latitude 36 03' 12"
Longitude 115 00' 38"
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 Roto Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty Sand		0	30	30
Gravelly Sand with silt	X	30	40	10
Gravelly Sand	X	40	45	5
Silty Sand	X	45	50	5
Sandy Clayey Silt	X	50	53	3
Clayey Silt	X	53	60	7

Date started: 5-12, 20 09
Date completed: 5-14, 20 09

9. WELL CONSTRUCTION
Depth Drilled 60 Feet Depth Cased 57 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
11	Inches	0	Feet	60	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	5.46	.432	+3	34
6.625	5.46	.432	54	57

Perforations:
Type of perforation Factory Slot
Size of perforation .040
From 34 feet to 54 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 26 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 31 to 56 ☐ Pumped ☒ Poured
Type: 6-9 Sand 29 31 #60
Bentonite Chips: ☒ Yes ☐ No 56 to 60 ☐ Pumped ☒ Poured
Type: 1/4 Pellets 26 29

7. Water Level
Static water level: 32.5 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)

DCNR/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 [signature] By driller performing actual drilling on site or contractor
Date 7-8-09

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06-08)