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

OFFICE USE ONLY
Log No. 110908
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

NOTICE OF INTENT NO. 32378

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

ADDRESS AT WELL LOCATION East of 4th Street & South of Warm Springs Rd.
Subdivision Name: County: Clark

2. LOCATION NE ¼ SW ¼ Sec 12 T 22 N R 62 E
PERMIT/WAIVER No. 178-12-301-003
Issued by Water Resources Parcel No.

Latitude 36 02' 54.47"
Longitude 115 00' 17.53"
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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand & Gravels		0	18	18
Silty Sand		18	20	2
Sandy Gravel		20	27.5	7.5
Silt		27.5	32	4.5

Date started: 4-24, 20 10
Date completed: 4-24, 20 10

7. Water Level
Static water level: 22 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)

9. WELL CONSTRUCTION
Depth Drilled 32 Feet Depth Cased 32 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	32	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	22

Perforations:
Type of perforation Factory Slot
Size of perforation .010
From 22 feet to 32 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 to ☐ Pumped ☐ Poured
☒ Concrete Grout 0 to 2 ☐ Pumped ☒ Poured
☒ ≥30% Bentonite Grout 2 to 14 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 17 to 32 ☐ Pumped ☒ Poured
Type: 10-20
Bentonite Chips: ☒ Yes ☐ No 14 to 17 ☐ Pumped ☒ Poured
Type: 3/8 Chips

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 Company (Contractor)
Address 7773 W Selden In (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 4-27-10

(Rev. 05-09)

USE ADDITIONAL SHEETS IF NECESSARY