M-111A

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

OFFICE USE ONLY
Log No. 104547
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. 33005

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

ADDRESS AT WELL LOCATION 8000 W. Lake Mead Pkwy
Univ corp co. Henderson NV.
Subdivision Name: County: Clark

2. LOCATION NE¼ SW¼ Sec 12 T 22 N/S R 62 E
PERMIT/WAIVER No. H200539 (Issued by Water Resources) 178-12-301-003 Parcel No.
NDEP fac #

Latitude 36-02-48 N
Longitude 115 00 14 W
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
Silty, Gravely Sand		0'	13'	13'
Silty Sand		13'	15'	2'
Silty Gravely Sand		15'	30'	15'
Clayey Silt, Silt	X	30'	40'	

Date started: 12-9 , 20 07
Date completed: 12-10 , 20 07

9. WELL CONSTRUCTION
Depth Drilled 40 Feet Depth Cased 40 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8" Inches		0 Feet	40 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"	Sch 40	0.308	20	0

Perforations:
Type of perforation factory
Size of perforation 010
From 40 feet to 20 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 20' to 2' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 40' to 25' ☐ Pumped ☐ Poured
Type: 2x12 Sand
Bentonite Chips: ☒ Yes ☐ No 25' to 20' ☐ Pumped ☒ Poured
Type: 3/4 Hole Plug

7. Water Level
Static water level: 35.07 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
JAN 03 2008
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 (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-2250
Signed Dennis R Reed (By driller performing actual drilling on site or contractor)
Date 12-19-07

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY