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

OFFICE USE ONLY
Log No. 110902
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. 32379

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

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

2. LOCATION NW ¼ SE ¼ Sec 12 T 22 N/S R 62 E/W
PERMIT/WAIVER No. 178-12-701-001
Issued by Water Resources Parcel No.

Latitude 36 02 55.17 Longitude 115 00 08.78
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 |
|---|---|---|---|---|
| Sandy Gravel | X | 0 | 30 | 30 |
| Silt | | 30 | 38 | 8 |

Date started: 4-23, 20 10
Date completed: 4-23, 20 10

7. Water Level
Static water level: 27 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 38 Feet Depth Cased 37 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 6 Inches | 0 Feet | 38 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 | 27 |
| | | | | |

Perforations:
Type of perforation Factory Slot
Size of perforation .010
From 27 feet to 37 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 19 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 22 to 38 ☐ Pumped ☒ Poured
Type: 10-20
Bentonite Chips: ☒ Yes ☐ No 19 to 22 ☐ 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 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 5-6-10

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)