M-133

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

OFFICE USE ONLY
Log No. 104550
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. 33004

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

ADDRESS AT WELL LOCATION No address
unin corp county
Subdivision Name: County: Clark

2. LOCATION SW ¼ NE ¼ Sec 12 T 22 N/S R 62 E
Latitude 36 02 57 N. UTM E ☐ NAD 27
Longitude 114 59 59 W. N ☒ NAD 83/WGS 84
PERMIT/WAIVER No. H000 539 178-12-601-004
NDEP fac # Issued by Water Resources Parcel No.

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
Gravely Silty Sand		0'	20'	20'
Sandy Silty Gravel		20'	22'	2'
Sandy clayey silt, silt	X	22'	70'	48'

Date started: 12-12, 20 07
Date completed: 12-13, 20 07

9. WELL CONSTRUCTION
Depth Drilled 70 Feet Depth Cased 70 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 Inches		0 Feet	70 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	60	0

Perforations:
Type of perforation factory
Size of perforation 0.10
From 70 feet to 60 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 50 to 2 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 70 to 55 ☐ Pumped ☒ Poured
Type: 2X12 sand
Bentonite Chips: ☒ Yes ☐ No 55 to 50 ☐ Pumped ☒ Poured
Type: 3/4 Hole Plug

7. Water Level
Static water level: 28.98 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. 05-06) USE ADDITIONAL SHEETS IF NECESSARY