

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

OFFICE USE ONLY
 Log No. 110723
 Permit No. 797097/79706
 Basin 153

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 65332

1. OWNER **Barrick Ruby Hill** PW-10 ADDRESS AT WELL LOCATION **Ruby Hill Mine**
 MAILING ADDRESS **PO Box 676**
Eureka, NV. 89316 Subdivision Name: _____ County: **Eureka**

2. LOCATION **NE 1/4 SE 1/4 Sec 10 T19 N R53 E** Latitude 39.529179°N UTM E **587436** NAD 27
 PERMIT/WAIVER NO. **Verbal** Longitude 115.99748°W **4375989** NAD 83/WGS 84
Issued by Water Resources Parcel. No. N4327 (F)

3. WORK 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 **Flooded Rev**

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|-----------------------------------|--------------|------|------|-----------|
| Aluvial Gravel, Tan, Grey Clay | | 0 | 355 | 355 |
| Brown Clay, Gray Rock | | 355 | 550 | 195 |
| Gray Rock w/some what Clay | | 550 | 575 | 25 |
| Brown Clay w/Gray Rock | | 575 | 595 | 20 |
| Light Tan Clay w/Gray Rock | | 595 | 615 | 20 |
| White Clay w/Gray Rock | | 615 | 645 | 30 |
| Light Tan Clay | | 645 | 665 | 20 |
| Gray Rock w/Brown rock/Clay | | 665 | 800 | 135 |
| Gray Rock w/ White Clay | | 800 | 825 | 25 |
| Gray/Brown Rock w/ tan-white Clay | | 825 | 900 | 75 |
| Light Gray Rock w/white Clay | | 900 | 945 | 45 |
| Gray Rock w/light tan Clay | | 945 | 960 | 15 |
| Light Gray Rock | | 960 | 980 | 20 |
| Brown/Gray Rock w/brown Clay | | 980 | 1085 | 105 |
| Drk Gray Rock w/gray Clay | | 1085 | 1150 | 65 |
| Brown/Gray Rock w/light Clay | | 1150 | 1265 | 115 |
| Gray Rock w/Light Clay | | 1265 | 1380 | 115 |
| Brown Rock w/brown Clay | | 1380 | 1425 | 45 |
| Brown Rock | | 1425 | 1445 | 20 |
| Dark Gray Rock | | 1445 | 1485 | 40 |
| Gray/Brown Rock | | 1485 | 1520 | 35 |
| Gray/Red Rock | | 1520 | 1580 | 60 |
| Light Gray & Brown Rock | | 1580 | 1650 | 70 |
| Gray Rock | | 1650 | 1720 | 70 |

9. WELL CONSTRUCTION

Depth Drilled 1720 Feet Depth Cased 1700 Feet

HOLE DIAMETER (BIT SIZE)

| From | To |
|--------------|-----------------------|
| 26 Inches | 0 Feet 57 Feet |
| 19 Inches | 57 Feet 1720 Feet |
| _____ Inches | _____ Feet _____ Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 22 | 86608 | .375 | 0 | 57 |
| 12.750 | 49.56 | .375 | +2 | 1700 |
| 2.375 | 3.65 | .154 | +2 | 1640 |

Perforations:

Type of perforation **Full Flow Lourverd**

Size of perforation .125

From 1000 feet to 1700 feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 57 Pumped Poured

Cement Grout _____ to _____ Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

=30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 942 to 1720 Pumped Poured

Type: **1/4 & 3/8 SRI also 3/4**

Bentonite Chips: Yes No 57 to 942 Pumped Poured

Type: **3/8 medium chips**

Date started: **April 18, 20 10**

Date completed: **May 5, 20 10**

7. Water Level

Static water level: **988.0** feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: _____ °F

Quality: _____

8. WELL TEST DATA

| TEST METHOD: | Draw Down (Feet Below Static) | Time (Hours) |
|--|-------------------------------|--------------|
| <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift | | |
| G.P.M. <u>144</u> | <u>84</u> | <u>6 hrs</u> |
| | | |
| | | |
| | | |
| | | |

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 **2745 California Ave** (CONTRACTOR)

SLC. UT. 84104

Nevada contractor's license number issued by the State Contractor's Board **0021976**

Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2342**

Signed _____

By driller performing actual drilling on site or contractor

Date **May 18, 2010**

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 MAY 21 AM 10:42
 STATE ENGINEERS