

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

OFFICE USE ONLY
Log No. 116515
Permit No. _____
Basin 453

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. 69361

1. OWNER Barrick/Cortez ADDRESS AT WELL LOCATION Grmw-16, Pine Valley
MAILING ADDRESS HC 66 Box 1250
Crescent Valley NV 89821

2. LOCATION 32 1/4 50 1/4 Sec 5 T 26 N SR 49 E Latitude _____ UTM E 544765 NAD 27
PERMIT/WAIVER No. 1841-M/0 Longitude _____ N 4445302 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ Subdivision Name: _____ County: Lurock

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...

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thick-ness |
|--------------|--------------|------|------|------------|
| Alluvium | | 0 | 60 | 60 |
| Conglomerate | | 60 | 140 | 80 |
| Horse Canyon | | 140 | 1000 | 860 |
| Basalt | | 1000 | 1030 | 30 |
| Horse Canyon | | 1030 | 2100 | 1070 |
| Vininni | | 2100 | 2930 | 830 |
| Basalt | | 2930 | 3000 | 70 |

8. WELL CONSTRUCTION

Depth Drilled 3000 Feet Depth Cased 1030 Feet

HOLE DIAMETER (BIT SIZE)

| Inches | From | To | Feet |
|---------------|------|------|------|
| <u>14 1/2</u> | 0 | 60 | 60 |
| <u>10</u> | 60 | 260 | 260 |
| <u>9 7/8</u> | 260 | 2430 | 2430 |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-------------|
| <u>10</u> | | <u>.250</u> | <u>0</u> | <u>60</u> |
| <u>4 1/2</u> | | <u>.250</u> | <u>12</u> | <u>810</u> |
| <u>4 1/2</u> | | <u>.250</u> | <u>1010</u> | <u>1030</u> |

Perforations:

Type of perforation Slotted
Size of perforation .125

From 810 feet to 1010 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
Depth of Seal 100
Placement Method: Pumped Poured
Gravel Packed: Yes No
From 808 feet to 1030 feet

9. WATER LEVEL
Static water level 113 feet below land surface
Artesian flow _____ G.P.M. P.S.I.
Water temperature 70 °F Quality 9000

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 Nevada Contractor
Address PO Box 2748 Elko, NV 89803 Contractor
Nevada contractor's license number issued by the State Contractor's Board 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2456
Signed [Signature] by driller performing actual drilling on site or contractor
Date 11-6-12

Date started 9/10/12, 2012
Date completed 10/8/12, 2012

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|-----------------|-----------|-------------------------------|--------------|
| <u>Air Lift</u> | <u>40</u> | | <u>12</u> |

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.158182°N
116.356954°W NA027

