STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 106215
Permit No.
Basin 137A

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 61587

1. OWNER ROYAL STANDARD MINERALS dba Manhattan Mining Co.
MAILING ADDRESS PO Box 54
NE Manhattan, Nevada 89022

ADDRESS AT WELL LOCATION Manhattan Mine Monitor Well # 2
Gold Wedge Project

2. LOCATION ~~NW~~ ¼ ~~NW~~ ¼ Sec 24 ~~19~~ T 08N N/S R ~~46~~ 43 E
PERMIT/WAIVER No. NE ~~02002-02020~~
NEV A0088459 Issued by Water Resources Parcel No.

Latitude 38.54217
Longitude 117.09446
UTM E
N
☐ NAD 27
☒ NAD 83/WGS 84
Subdivision Name:
County: Nye

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	Thickness
Alluvium		0	30	30
Bed rock		30	285	255

N38.542241
W 117.093542 NAD27

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1		1 hr

Date started 4/23/2008 , 20
Date completed 4/23/2008 , 20

8. WELL CONSTRUCTION
Depth Drilled 285 Feet Depth Cased 285 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 Inches	0 Feet	285 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5		Sch. 80	#2	285

Perforations:
Type of perforation Mill slot
Size of perforation 0.01
From 265 feet to 285 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 250
Placement Method: ☐ Pumped ☒ Poured
Gravel Packed: ☒ Yes ☐ No
From 250 feet to 285 feet

Seal Type:
☒ Neat Cement
☐ Cement Grout
☐ Concrete Grout

9. WATER LEVEL
Static water level 280 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature cool °F Quality good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HUMBOLDT DRILLING AND PUMP COMPANY
Contractor
Address 4975 W. Winnemucca Blvd.
Contractor
Winnemucca, Nevada 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1713
Signed Judi Leach, Office
By driller performing actual drilling on site or contractor
Date 6/9/2008

(Rev. 12-06)

USE ADDITIONAL SHEETS IF NECESSARY