

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

OFFICE USE ONLY

Log No. 106190
Permit No. _____
Basin 137A

**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. 61590

1. OWNER ROYAL STANDARD MINERALS DBA MANHATTAN MINING ADDRESS AT WELL LOCATION Manhattan Gold
MAILING ADDRESS PO Box 54 Gold Wedge Project
Manhattan, NV 89022

2. LOCATION SE 1/4 SW 1/4 Sec 18 T 08N N/S R 44 E Latitude N38.54520 UTM E NAD 27
PERMIT/WAIVER No. 69022 Longitude W117.08813 N NAD 83/WGS 84
69022 Issued by Water Resources 69022 Parcel No. _____ Subdivision Name: _____ County: Nye

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other.....
4. PROPOSED USE
 Domestic Irrigation Test Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other.....

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium		0	25	25
Black clay		25	35	10
Black shale		35	55	20
Black lime stone		55	175	120
Limestone with some Quartz mixed		175	700	525
Casing broke off at 8 foot down While driving casing in the hole				

8. WELL CONSTRUCTION

Depth Drilled 700 Feet Depth Cased 588 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
15 1/2 inches	0	50	Feet
13 inches	50	308	Feet
10 inches	308	700	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4		.260	+1	308
8 5/8		.188	- 8	588

Perforations:

Type of perforation	mill slot
Size of perforation	0.09
From 188 feet to 588 feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	
From _____ feet to _____ feet	

Surface Seal: Yes No Seal Type:
Depth of Seal 50 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From _____ feet to _____ feet

Date started 4/18/2008 , 20
Date completed 4/22/2008 , 20

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
250		8

9. WATER LEVEL

Static water level 260 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 & 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 of contractor
Date 6/9/2008