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

OFFICE USE ONLY
Log No. 120693
Permit No.
Basin No. 212

PRINT OR TYPE IN BLACK INK 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. 37225
WELL NAME *(if applicable)*: Sentry 1

1. OWNER/CLIENT NAME Titanium Metals Corporation
MAILING ADDRESS P.O. Box 2128
Henderson, Nv 89009-7003

DETAILED ADDRESS AT WELL LOCATION Clark County
Subdivision Name: *County:* Clark

2. PLS LOCATION SW ¼ NE ¼ 12 Sec 22 N/S 62 E
PERMIT/WAIVER NO. 178-12-601-003
Issued by Water Resources *Current Parcel No.*

Latitude 36.0502071 UTM E ☐ NAD 27
Longitude -114.9983517 UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☒ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Brown Sand			0	9
Sand W/ Gravel			9	22
Silty Sand			22	46

DCNR/DWR/SNBC
RECEIVED
AUG 28 2014

Date started: 13-Aug , 20 14
Date completed: 13-Aug , 20 14

7. WATER QUALITIES
Static water level: 31 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. CONSTRUCTION
Depth Drilled: 46 Feet Depth Cased: 45 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	46	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	PVC	SCH 40	45	+3

ANNULAR MATERIALS
Sanitary Seal X ☐ Yes ☐ No

☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	20	to	1	☒ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	23	to	20	☐ Pumped	☐ X Poured
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	46	to	23	☐ Pumped	☐ X Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: MACHINE SLOTTED
Size of perforation: 0.02

From	45	Feet	To 25	Feet
From		Feet	To	Feet
From		Feet	To	Feet
From		Feet	To	Feet
From		Feet	To	Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name EAGLE DRILLING SERVICES
Contractor
Address 7150 Placid St. Las Vegas, Nv 89119
Contractor

Nevada contractor's license number as issued by the *State Contractor's Board:* 51266
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2490-LTD

Signed:
By driller performing actual drilling on site or contractor
Date: 8/19/2014

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

36.050231
-114.997527
NAD 27