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

OFFICE USE ONLY
Log No. 121408
Permit No.
Basin No.

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. 37214
WELL NAME (If applicable): swmw-1a

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

DETAILED ADDRESS AT WELL LOCATION 181 N. Water St.
Henderson, Nv 89015
Subdivision Name: County: Clark

2. PLS LOCATION SE ¼ NE ¼ 12 Sec. 22 N/S 62 E
PERMIT/WAIVER NO. (Issued by Water Resources) 178-12-701-002 (Current Parcel No.)

Latitude 36.0496991 UTM E ☒ NAD 27
Longitude -114.9972298 UTM N ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 119929
☐ 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	12
Gravely Sand			12	27
Silty Sand			27	50
** Old well casing was pulled.				
Borehole was redrilled				
and placed new well in same				
hole**				

DCNR/DWR/SNBC RECEIVED JUN 16 2014

Date started: 30-May, 20 14
Date completed: 30-May, 20 14

7. WATER QUALITIES
Static water level: 39 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: 50 Feet Depth Cased: 48 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 Inches		0 Feet	50 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	48	+3

ANNULAR MATERIALS
Sanitary Seal x ☐ Yes ☐ No

☐ Neat Cement	to		☐ Pumped	☐ Poured
☒ Cement Grout	30 to 0		☐ Pumped	☐ Poured
☐ Concrete Grout	to		☐ Pumped	☐ Poured
☐ Bentonite Chips	to		☐ Pumped	☐ Poured
☐ Gravel Pack [> 0.2 in.]	to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	50 to 30		☐ Pumped	☐ Poured
☐ Other, explain:	to		☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Machine Slotted
Size of perforation: 0.02
From 48 Feet To 33 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: 6/9/2014

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

36.049723
-114.9964031
NAD 27