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

OFFICE USE ONLY
Log No. 117339
Permit No.
Basin 066

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. 63393

1. OWNER Wayne Mansanares- Turquoise Ridge Joint Venture
MAILING ADDRESS PO Box 220
Golconda, NV 89414

ADDRESS AT WELL LOCATION Turquoise Ridge Mine
(well name)
Subdivision Name: TIMW-6A County: Humboldt

2. LOCATION NE ¼ NW ¼ Sec 26 T 39N N/S R 42 E
PERMIT/WAIVER No. NEV86014
Issued by Water Resources
Parcel No.

Latitude 41*14'3.2"
Longitude 117*12'43.7"
UTM E
N
[x] NAD 27
[ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [x] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [x] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Quaternary Alluvium		0	20	20
Quartz Siltstone		20	255	235
Vesicular Basalt		255	330	75
Black Mudstone	600	330	605	275
Volcanic Tuff		605	635	30
Black Mudstone		635	760	125

Date started: 28-Jan , 20 11
Date completed: 16-Feb , 20 11

9. WELL CONSTRUCTION
Depth Drilled 760 Feet Depth Cased 760 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9 7/8	Inches	0	Feet	760	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	10.79	.237	+2	660

Perforations:
Type of perforation Factory Slotted
Size of perforation .020
From 660 feet to 760 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 640 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No 650 to 760 [x] Pumped [ ] Poured
Type: 8/12
Bentonite Chips: [x] Yes [ ] No 640 to 650 [x] Pumped [ ] Poured
Type: Medium Chips

7. Water Level
Static water level: 600 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name WDC Exploration & Wells
Contractor
Address 739 W. Sunset Rd.
Contractor
Henderson, NV 89011
Nevada contractor's license number issued by the *State Contractor's Board* 0012852
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2057-T1
Signed
By driller performing actual drilling on site or contractor
Date 5-11-11

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

41.234222°N NAD27
117.212139°W Decl Deg

2011 OCT 18 AM 10:20 STATE ENGINEER