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

OFFICE USE ONLY
Log No. 117338
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. 63394

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

ADDRESS AT WELL LOCATION Turquoise Ridge Mine
Subdivision Name: (Well Name) MW12A County: Humboldt

2. LOCATION ~~NW~~ ¼ ~~NW~~ ¼ Sec 35 ~~25~~ T 39N N/S R 42 E
PERMIT/WAIVER No. NEV86014
Issued by Water Resources Parcel No.

Latitude 41*12'37.37" Longitude 117*12'9.13"
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	480	0	640	640

RECEIVED 2011 OCT 18 AM 10:20 STATE ENGINEER

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

7. Water Level
Static water level: 480 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)

9. WELL CONSTRUCTION
Depth Drilled 640 Feet Depth Cased 640 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9 7/8	Inches	0	Feet	640	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	540

Perforations:
Type of perforation: Factory Slotted
Size of perforation: .020
From 540 feet to 640 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 520 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 530 to 640 [x] Pumped [ ] Poured
Type: 8/12
Bentonite Chips: [x] Yes [ ] No 520 to 530 [x] Pumped [ ] Poured
Type: Medium Chips

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

41.210381°N NAD27
117.202536°W Decl Deg