

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

OFFICE USE ONLY  
 Log No. 118344  
 Permit No. 82060T  
 Basin 064

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 70031 ✓

1. OWNER **Marigold Mining Company** **WW-4** ADDRESS AT WELL LOCATION **Marigold Mine Site, Clovers area Basin-064**  
 MAILING ADDRESS **P.O. Box 160** **Valmy, NV. 89438** **Subdivision Name:** \_\_\_\_\_ **County: Humboldt**

2. LOCATION **SE 1/4 SW 1/4 Sec 19 T33N R43E** Latitude \_\_\_\_\_ UTM E **484764**  NAD 27  
 PERMIT/WAIVER NO. **82060T** Longitude \_\_\_\_\_ N **4506877**  NAD 83/WGS 84  
Issued by Water Resources Parcel No.

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

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

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other **Flooded Rev.**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gry Gravel		0	130	130
Tan Gravel W/ Tan Clay		130	290	160
Gry/Black Rock		290	460	170
Black Rock		460	490	30
Tan/Gry Rock		490	500	10
Gry Rock		500	525	25
Tan Rock		525	555	30
Light Gry Rock		555	595	40
Tan/White Rock		595	605	10
Gry Rock W/ Wht Quartz		605	620	15
Gry Rock/Wht Quartz/Tan Clay		620	815	195
Gry/Tan Gravel W/Tan Clay		815	825	10
Tan Rock W/Quartz		825	835	10
Tan/Gry Gravel		835	840	5
Tan/Gry Gravel W/Tan Clay		840	875	35
Gry Quartz		875	950	75
Gry/Blk/Wht Quartz		950	1005	55
Gry/Blk Quartz W/Tan Clay		1005	1030	25
Gry/Tan Rock W/Tan Clay		1030	1110	80
Gry Rock W/Tan Clay		1110	1140	30
Tan/Gry/Green Gravel		1140	1165	25
Gry/Tan Rock		1165	1200	35
Gry/Red Rock W/Tan Clay		1200	1230	30
Gry Rock W/Gry Clay		1230	1255	25
Blk Rock W/Little Gry Rock		1255	1520	265

9. WELL CONSTRUCTION

Depth Drilled **1520** Feet Depth Cased **1499** Feet

HOLE DIAMETER (BIT SIZE)

From	To
26 Inches	0 Feet 50 Feet
19 Inches	50 Feet 1520 Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	48.5
12.75	41.45	.312	+1.5	1499
2.375	5.02	.154	+1	1478

Perforations:

Type of perforation **Slotted**

Size of perforation **.250**

From	To
978 feet to	1476 feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Annular Seal:  Yes  No

<input checked="" type="checkbox"/> Neat Cement	0 to 100	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	105 to 1520	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: <b>SRI 1/2 x 3/8</b>			
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	100 to 105	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: <b>3/8" Hole Plug</b>			

7. Water Level

Static water level: **669** feet below land surface

Artesian Flow: **N/A** G.P.M. **N/A** P.S.I.

Water Temperature: **60** °F

Quality: **Good**

8. WELL TEST DATA

TEST METHOD:	TEST METHOD:		Time (Hours)
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	
1460-1480	<input checked="" type="checkbox"/> Air Lift	Draw Down (Feet Below Static)	2
	G.P.M.	264	
		50	

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name **Boart Longyear** (CONTRACTOR)

Address **2745 California Ave.** (CONTRACTOR)

**SLC., UT. 84104**

Nevada contractor's license number issued by the State Contractor's Board **0021976**

Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2487**

Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor

Date **April 3, 2013**