

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

OFFICE USE ONLY
Log No. 121103
Permit No. _____
Basin 054

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. NVN-079769

1. OWNER Klondex ADDRESS AT WELL LOCATION Fire Creek Mine
MAILING ADDRESS 2720 Ruby Vista Dr. Lander
ELKO NV 89801 Subdivision Name: _____ County: EUROPA

2. LOCATION NW 1/4 NW 1/4 Sec 23 T 30 N 47 E Latitude N 40° 27' 51.8" UTM E NAD 27
PERMIT/WAIVER No. MO-1944 Longitude W 116° 38' 40.0" N NAD 83/WGS 84

3. WORKED 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Dark Volcanics		0	160	
Light TAN SOFT		160	170	
TAN CLAY		170	175	
Light tan rock		175	290	
DARK Volcanics		290	437	
DARK grey limestone		437	460	
back filled well with 3/8 chips to 227' NO. 8 SAND 227-225'				
NAD 27 40.964473°N 116.643523°W				
GW-7				

9. WELL CONSTRUCTION

Depth Drilled 406 Feet Depth Cased 225' Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
<u>8</u>	<u>0</u>	<u>460</u>		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>		<u>Sch 40 plastic</u>	<u>185</u>	<u>+2</u>
<u>4"</u>		<u>plastic</u>	<u>220</u>	<u>225</u>

Perforations:

Type of perforation Factory slot

Size of perforation .020

From	feet to	feet	feet
<u>185</u>	<u>220</u>		

Annular Seal: Yes No

Neat Cement 0 to 20 Pumped Poured

Cement Grout 20 to 178 Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

≥30% Bentonite Grout 180 to 220 Pumped Poured

Gravel Pack: Yes No 180 to 225 Pumped Poured

Type: NO. 8 SAND

Bentonite Chips: Yes No 180 to 185 Pumped Poured

Type: 3/8

7. Water Level

Static water level: 130 feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: _____ °F

Quality: _____

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>Air</u>	<u>6</u>		<u>1 hr</u>

10. DRILLER'S CERTIFICATION

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

Name O'Keefe Drilling STATE ENGINEER 2014 NOV - 6 RECEIVED

Address 2000 4 mile Rd Butte MT 59701

Nevada contractor's license number 0077107

issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2586

Signed Larry Cragman 11:09

Date 10-24-14