

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

OFFICE USE ONLY
 Log No. 112604
 Permit No. _____
 Basin 187

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. 65770

1. OWNER **Fronteer Development** LCMW-21 ADDRESS AT WELL LOCATION **Basin 187**
 MAILING ADDRESS **1031 Railroad St. Ste. 110** **Goshute Valley**
Elko, NV. 89801 Subdivision Name: _____ County: **Elko**
 2. LOCATION **SW¼SE¼ Sec21T36N R66E** Latitude 40.981291°N UTM E **709053** NAD 27
 PERMIT/WAIVER NO. **M/O-1655** Longitude 114.514232°W N **4539646** NAD 83/WGS 84
 Issued by Water Resources Parcel No. NAD 27 (18)

3. WORK PERFORMED New Well Replace Recondition Deepen Other
 4. PROPOSED USE Domestic Irrigation Test Monitor Municipal/Industrial Stock
 5. WELL TYPE Cable Rotary RVC Air Other **Floded Rev**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Aluivium		0	380	380
Red/Grey Rock some Brown		380	800	420
Red & Black		800	940	140
Light Grey/Black		940	1200	260
Broken Red		1200	1220	20
Black		1220	1300	80
Sch 80 PVC Blank		199	999	800
Sch 80 PVC Screen		999	1299	300

9. WELL CONSTRUCTION
 Depth Drilled **1300** Feet Depth Cased **1299** Feet
 HOLE DIAMETER (BIT SIZE)
 From To
17.75 Inches **0** Feet **23** Feet
12.75 Inches **23** Feet **380** Feet
6.5 Inches **380** Feet **1300** Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	40.48	.365	+2	8
4.5	2.06	.237	+1	379
2.375	3.65	.154	+1	1299

Perforations:
 Type of perforation **Slotted**
 Size of perforation **.020**
 From **4"** **219** feet to **379** feet
 From **2"** **999** feet to **1299** feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0 to 10 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No 997.5 to 1300 Pumped Poured
 Type: **SRI # 6** **216.5 to 380**
 Bentonite Chips: Yes No 380 to 997.5 Pumped Poured
 Type: **3/8" Holeplug 10' & 216.5'**

Date started: **December 7, 2010**
 Date completed: **December 15, 2010**

7. Water Level
 Static water level: **232** feet below land surface
 Artesian Flow: **N/A** G.P.M. _____ P.S.I.
 Water Temperature: **Cold** °F
 Quality: **Good**

8. WELL TEST DATA

TEST METHOD:	TEST METHOD:		
	G.P.M.	<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift Draw Down (Feet Below Static)	Time (Hours)
2"	25		3
4"	95		2

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 **23202085-T**
 Signed _____
 By driller performing actual drilling on site or contractor
 Date **December 27, 2010**

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