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

OFFICE USE ONLY
Log No. 10992
Permit No.
Basin 187

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. 61137

1. OWNER Fronteer Development
MAILING ADDRESS 1031 Railroad Street, Ste 110
Elko, NV 89801

ADDRESS AT WELL LOCATION Goshute Valley Hydrographic LCMW06
Subdivision Name: County: Elko

2. LOCATION SE ¼ SE ¼ Sec 3 T 36N N/S R 66 E
PERMIT/WAIVER No. M/O-1611
Issued by Water Resources Parcel No.

Latitude 41.025653°N
Longitude 114.491859°W
NAD 27 (TR)
UTM E 710794 ☐ NAD 27
N 4544625 ☒ 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
Alluvium	x	0	245	245
Sater Stata 210' - 245'				

Plugged by Well Log # 111559

Date started: 11-Dec, 20 09
Date completed: 15-Dec, 20 09

9. WELL CONSTRUCTION
Depth Drilled 245 Feet Depth Cased 243 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4	Inches	0	Feet	17	Feet
8 1/2	Inches	17	Feet	245	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4		Sch 80	+2	243

Perforations:
Type of perforation Slot
Size of perforation 0.02
From 196 feet to 236 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 10 to 0 ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 198 to 10 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 240 to 198 ☒ Pumped ☐ Poured
Type: #8 Sand
Bentonite Chips: ☒ Yes ☐ No 240 to 245 ☒ Pumped ☐ Poured
Type: KP Mud

7. Water Level
Static water level: 212 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cold °F
Quality: Cloudy

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Not enough to airlift			

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 Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2384
Signed Shaun Nikelson by (By driller performing actual drilling on site or contractor)
Date 12/17/2009

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY