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

OFFICE USE ONLY
Log No. 109993
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. 61136

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

ADDRESS AT WELL LOCATION LCMW13
Goshute Valley Hydrographic Basin
Subdivision Name: County: Elko

2. LOCATION NE ¼ SE ¼ Sec 15 T 35N N/S R 67 E
PERMIT/WAIVER No. M/O-1610
Issued by Water Resources Parcel No.

Latitude 40.908438°N
Longitude 114.380364°W
N4027(18)
UTM E 720559 ☐ NAD 27
N 4531887 ☒ 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
Sand		0	10	10
Gravel		10	20	10
Sand & Gravel		20	30	10
Shale		30	145	115
Fractured Rock		145	155	10
Consolidated Rock		155	180	25
Shale		180	205	25

Date started: 14-Dec, 20 09
Date completed: 12/16/[redacted], 20 09

9. WELL CONSTRUCTION
Depth Drilled 205 Feet Depth Cased 200 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4	Inches	0	Feet	20	Feet
6 1/2	Inches	20	Feet	205	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188	+3	20
2 3/8		.188	+3	200

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 200 feet to 160 feet
From feet to feet
From feet to 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 10 to 152 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 158 to 205 ☒ Pumped ☐ Poured
Type: #8 Sand
Bentonite Chips: ☒ Yes ☐ No 152 to 158 ☒ Pumped ☐ Poured
Type: 3/8" Coated Pellets

7. Water Level
Static water level: 150 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cold °F
Quality: Muddy

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Rev. Circ	1gpm	205	1 minute

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* 2253
Signed Robert Glenn by (mo) (By driller performing actual drilling on site or contractor)
Date

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY