STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 112101
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. 65762

1. OWNER Fronteer Development LCMW-17
MAILING ADDRESS 1031 Railroad St., Ste 110
Elko, NV. 89801

ADDRESS AT WELL LOCATION Long Canyon
Oasis, NV.
Subdivision Name: County: Elko

2. LOCATION NW¼NW¼ Sec33T36N/ R66E
PERMIT/WAIVER NO. M/O-1652
Issued by Water Resources Parcel. No.

Latitude 40.965897°N UTM E 708497 ☒ NAD 27
Longitude 114.522343°W N 4537716 ☐ NAD 83/WGS 84
NAD 27

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravel		0	10	10
Fine Brown Sand		10	15	5
Gravel		15	25	10
Large Gravel		25	30	5
Multi Color Rock		30	240	210
Broken Up Rock		240	285	45
Red,White & Grey Rock		285	585	300
Dark Grey Rock		585	825	240
Yellow Brown Rock		825	835	10
Grey Rock		835	870	35
Brown Rock		870	900	30

Date started: October 10, 2010
Date completed: October 20, 2010

9. WELL CONSTRUCTION
Depth Drilled 900 Feet Depth Cased 899.4 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	12 Feet
6.5 Inches	12 Feet	900 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	28.55	.322	+2	5
2.375	.698	.154	+1	899.4

Perforations:
Type of perforation Slotted
Size of perforation .020
From 859 feet to 899.4 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 12.2 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 857.6 to 900 ☒ Pumped ☐ Poured
Type: SRI #6 Sand
Bentonite Chips: ☒ Yes ☐ No 12.2 to 857.6 ☒ Pumped ☐ Poured
Type: MI 3/8 Chips

7. Water Level
Static water level: 185.6 feet below land surface
Artesian Flow: none G.P.M. P.S.I
Water Temperature: Cold °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
42	N/A	5

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. 84118
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 2039/T-2039
Signed
By driller performing actual drilling on site or contractor
Date October 25, 2010

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