STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 112100
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. 65764

1. OWNER Fronteer Development LCMW-19
MAILING ADDRESS 1031 Railroad St., Ste 110
Elko, NV. 89801

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

2. LOCATION NE¼SW¼ Sec3T35N/ R66E
PERMIT/WAIVER NO. M/O-1652
Issued by Water Resources Parcel. No.

Latitude 40.941633°N UTM E 710046 ☐ NAD 27
Longitude 114.503923°W N 4535268 ☒ NAD 83/WGS 84
NAD 27 TN

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
Small Gravel		0	30	30
Large Graval		30	50	20
Sand		50	60	10
Multi Colored Gravel		60	150	90

Date started: October 21, 20 10
Date completed: October 22, 20 10

7. Water Level
Static water level: 35.6 feet below land surface
Artesian Flow: 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)
38	N/A	6

9. WELL CONSTRUCTION
Depth Drilled 150 Feet Depth Cased 149.4 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	12 Feet
8.75 Inches	12 Feet	150 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	149.4

Perforations:
Type of perforation Slotted
Size of perforation .020
From 29 feet to 149 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 12.3 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 27.4 to 150 ☒ Pumped ☐ Poured
Type: SRI #6
Bentonite Chips: ☒ Yes ☐ No 12.3 to 27.4 ☐ Pumped ☒ Poured
Type: MI 3/8

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. 84114
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-2085
Signed
By driller performing actual drilling on site or contractor
Date October 25, 2010