STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 111555
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. 65749

1. OWNER Fronteer Development LCMW-08
MAILING ADDRESS 1031 Railroad St. Suite 110
Elko, NV. 89801

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

2. LOCATION NE¼SE¼ Sec22T36N/ R66E
PERMIT/WAIVER NO. M/O-1614 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 711426E N 4540293 N ☒ NAD 27 ☐ NAD 83/WGS 84

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
Top Soil		0	10	10
Fine Sand & Gravel		10	50	40
Fine Gravel	x	50	55	5
Fine Silt w/some Clay		55	90	35
Fine Sand & Gravel		90	100	10
Native Material		95	100	5

NAD-27 GPS
40.988336°N
114.486687°W
NW SW Sec 23

Date started: August 7, 20 10
Date completed: August 8, 20 10

7. Water Level
Static water level: 46.6 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I
Water Temperature: Cool °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
25	N/A	2

9. WELL CONSTRUCTION
Depth Drilled 100 Feet Depth Cased 95 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12.75 Inches	0 Feet	12 Feet
8.75 Inches	12 Feet	100 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	22.36	.250	+2	7
4.50	2.06	.237	+1	94.4

Perforations:
Type of perforation Slotted
Size of perforation .040
From 44.4 feet to 94.4 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 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 43.1 to 95 ☒ Pumped ☐ Poured
Type: SRI #6
Bentonite Chips: ☒ Yes ☐ No 12 to 43.1 ☐ 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. 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 2039
Signed (By driller performing actual drilling on site or contractor)
Date August 11, 2010

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PLO.