

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

OFFICE USE ONLY

Log No. 108228
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. 61091

1. OWNER Fronteer Group ADDRESS AT WELL LOCATION Shafter
MAILING ADDRESS 230 S. Rock Blvd, Suite 30 Hole #TW-01
Reno, NV 89502 Subdivision Name: _____ County: Elko

2. LOCATION NE 1/4 NE 1/4 Sec 11 T 35N N/S R 67 E Latitude 40.932536 N UTM E 722129 NAD 27
PERMIT/WAIVER No. M/O-1536 Longitude 119.360763 W N 4534612 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ APSOR - Sweden - 6/24/09

3. WORKED PERFORMED New Well Replace Recondition
 Deepen Other

4. PROPOSED USE Domestic Irrigation Test Cable
 Municipal/Industrial Stock Air Other

5. WELL TYPE Rotary RVC
 Other

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Slightly cemented Gravel		0	140	140
Fine silt and sand		140	220	80
Gravel and silty sand	x	220	380	160
Gravel and sand	x	380	600	220
Gravel with intermitent tuff beds	x	600	820	220
Mostly clay with gravel layers		820	920	100
Gravel and tuff		920	960	40
Mostly Clay		960	1000	40
Neat Cement		0	5	5
Bentonite pellets		5	13	8
Super Plug		13	530	517
Bentonite pellets		530	533	3
1/4" gravel		533	577	44
Bentonite Pellets		577	587	10
Super Plug		587	975	388
Natural Backfill		975	1000	25

9. WELL CONSTRUCTION				
Depth Drilled	975	Feet	Depth Cased	975
HOLE DIAMETER (BIT SIZE)				
	From	To		
12 3/4	Inches	0	Feet	19.5
6 1/2	Inches	19.5	Feet	1000
	Inches		Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188	+2.5	19.5
2		Sch 40 PVC	+2	275-975

Perforations:			
Type of perforation	Horizontal Mill Slot	Size of perforation	0.02
From Blank +2	feet to	535	feet
From Screen 535	feet to	575	feet
From Blank 575	feet to	975	feet
From	feet to		feet
From	feet to		feet

Annular Seal: Yes No

Neat Cement 0 to 5 Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout 5 to 533 Pumped Poured

Gravel Pack: Yes No 533 to 577 Pumped Poured
 Type: 1/4" Gravel

Bentonite Chips: Yes No 5 to 13 Pumped Poured
 Type: 530 to 533 / 577 to 587 1/4" Coated Pellets

7. Water Level
Static water level: 210 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cool °F
Quality: Clean

8. WELL TEST DATA			
TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
400	20		
500	43		
600	58		
700	77		
800	94		
900	100		
1000	100		

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Eklund Drilling Company, Inc. Contractor
Address PO Box 2748 Contractor
Elko, NV 89803
Nevada contractor's license number _____
issued by the State Contractor's Board 0030823
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller 2330

Signed Jason Poole
By driller performing actual drilling on site or contractor
Date 4/1/2009

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY