

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

OFFICE USE ONLY  
 Log No. 90819  
 Permit No. 55191  
 Basin 088

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. 49270

1. OWNER Yankee Caithness Joint Venture, LP 21B-5 ADDRESS AT WELL LOCATION Yankee Caithness Access  
 MAILING ADDRESS 9790 Gateway Drive, Suite 220 Reno, NV 89521 Road in Washoe County

2. LOCATION NW 1/4 NW 1/4 Sec. 5 T 17N N/S R 20E E Washoe County  
 PERMIT NO. 55191 Issued by Water Resources Parcel No. N/A Subdivision Name N/A

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  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	Thick-ness
Red cinder		0	50	50
No circulation		50	80	30
Brown clay		80	150	70
Gray and black basalt		150	220	70
Gray basalt and clay		220	230	10
Gray-black basalt		230	280	50
Gray basalt and clay		280	290	10
Gray basalt		290	300	10
Gray clay		300	470	170

This work is the uppermost portion of a geothermal production well that is to be completed by another drilling contractor.

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*Permit is for Industrial Use*

Date started 6/26/2003, 19  
 Date completed 7/3/2003, 19

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

8. WELL CONSTRUCTION  
 Depth Drilled 470 Feet Depth Cased 470 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	Feet	To	Feet
<u>36</u>	<u>0</u>	<u>20</u>	<u>20</u>	<u>20</u>
<u>26</u>	<u>20</u>	<u>470</u>	<u>470</u>	<u>470</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>30</u>	<u>118.6</u>	<u>0.375</u>	<u>0</u>	<u>20</u>
<u>20</u>	<u>133.0</u>	<u>0.635</u>	<u>0</u>	<u>85.73</u>
<u>20</u>	<u>94.0</u>	<u>0.438</u>	<u>85.73</u>	<u>470</u>

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_

From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 470'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level N/A feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Lang Exploratory Drilling Contractor  
 Address P.O. Box 5279 Contractor  
Elko, NV 89802-5279  
 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 2243

Signed Aaron Martinez  
 By driller performing actual drilling on-site or contractor  
 Date 7/10/03

*B.S.T.L*