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**WELL DRILLER'S REPORT**  
Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 18869

1. OWNER U.S Department of Energy ADDRESS AT WELL LOCATION Nellis Air Force Range, EC-South  
MAILING ADDRESS P.O. Box 98518 Las Vegas, NV 89193-8518 Well ER-EC-8

2. LOCATION NW 1/4 NE 1/4 Sec. 5 T. 10 N/S R. 48 E. Nye County  
NO. R-1024 Parcel No. N/A Subdivision Name N/A  
WAIVER Issued by Water Resources

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  Foam

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
No samples: probably partially welded ash-flow tuff	N	0	120	120
Bedded Tuff: Vitric in upper portion, becoming silicic in lower portion	N	120	180	60
Bedded and nonwelded ash-flow tuff: zeolitized to silicic	Y	180	980	800
Nonwelded tuff: zeolitized	Y	980	1150	170
Bedded tuff: zeolitized to silicic	Y	1150	1380	230
Nonwelded tuff: zeolitized, very abundant biotite	Y	1380	1442	62
Bedded and nonwelded tuffs: zeolitic to mild quartzo-feldspathic alteration	Y	1442	1610	168
Nonwelded to partially welded ash-flow tuff: quartzo-feldspathic alteration	Y	1610	1726	116
Non-to-partially welded ash-flow tuff; quartzo-feldspathic alteration	Y	1726	1840	114
Densely welded ash-flow	Y	1840	1928	88
Moderately welded ash-flow tuff: quartzo-feldspathic alteration	Y	1928	2000	72

8. WELL CONSTRUCTION  
Depth Drilled 2000 Feet Depth Cased 1950 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
36	0	121		
17 1/2	121	428		
12 1/4	428	2000		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	94	0.438	0	120
13-3/8	54.5	0.380	0	426
5 1/2 / 7-5/8	14.7/26.40	0.250/0.328	622/0	1950/622

Perforations: Type perforation Slotted 5 1/2" stainless steel casing  
Size perforation 0.078" wide x 2" long

From 1908 feet to 1677 feet  
From 1507 feet to 1447 feet  
From 984 feet to 683 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  
Depth of Seal 50'  Cement Grout  
Placement Method:  Pumped  Poured  Concrete Grout

Gravel Packed:  Yes  No  
From 1990 feet to 1626 feet

Date started July 14, 1999  
Date completed July 28, 1999

7. WELL TEST DATA

TEST METHOD:	TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

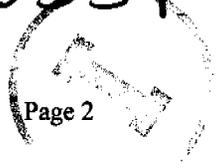
9. WATER LEVEL  
Static water level 324 feet below land surface  
Artesian flow ----- G.P.M. ----- P.S.I.  
Water temperature 99 @ 2000' F Quality \_\_\_\_\_

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

Name \_\_\_\_\_ Contractor  
Address \_\_\_\_\_ Contractor

Nevada contractor's license number issued by the State Contractor's Board \_\_\_\_\_  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: #2125  
Signed [Signature]  
By driller performing actual drilling on site or contractor  
Date 8/27/99

76539



STATE OF NEVADA  
DIVISION OF WATER RESOURCES

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ADDRESS AT WELL LOCATION: Nellis Air Force Range, EC-South, Well ER-EC-8

*Continued from Page 1, "Gravel Packed:"*

From 1558 feet	to	1388 feet
From 1340 feet	to	1149 feet
From 1050 feet	to	632 feet