

COPIES TO
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 -WELL DRILLER'S COPY

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

OFFICE USE ONLY
 Log No. **96778**
 Permit No. **159**
 Basin **159**
 NOTICE OF INTENT NO. **24279**

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER Nat'l Nuclear Security Admin NV Site Office ADDRESS AT WELL LOCATION ER-12-3, Area 12
 MAILING ADDRESS PO Box 98518 Nevada Test Site
Las Vegas NV 89193-8518

2. LOCATION SW 1/4 SE 1/4 Sec 31 T 8 S R 52 E Nye County
 PERMIT NO. Waiver R-1024D Parcel No. N/A Subdivision Name N/A

3. WORKED PERFORMED New Well Replace Recondition Deepen Abandon Other _____

4. PROPOSED USE Domestic Municipal/Industrial Irrigation Monitor Test Stock

5. WELL TYPE Cable Rotary RVC Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Moderately to densely welded ash-flow tuff, devitrified	N	0	244	244
Partially to non-welded ash-flow tuff, devitrified and vitric	N	244	332	
Bedded tuff, vitric	N	332	645	
Non-welded ash-flow tuff, vitric	N	645	720	
Bedded tuff, vitric	N	720	950	
Bedded tuff, zeolitic	N	950	1085	
Moderately welded ash-flow tuff, devitrified	N	1085	1143	
Bedded tuffs, zeolitic (perched water present)	Y	1143	2210	
Dolomite	Y	2210	4102	
Limestone	Y	4102	4908 TD	

8. WELL CONSTRUCTION

Depth Drilled 4908 Feet Depth Cased 4880 Feet

HOLE DIAMETER (BIT SIZE)

From	To
48 Inches	0 Feet 55 Feet
20 Inches	55 Feet 256 Feet
18-1/2 Inches	256 Feet 2622 Feet
12-1/4 Inches	2622 Feet 4908 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	157.7	0.500	0	54
13-3/8	54.5 / 61.0	0.380 / 0.430	0	2438
7-5/8 / 5-1/2	26.4 / 14.6	0.328 / 0.226	0 / 3505	3505/4880

Perforations:
 Type perforation Slotted 5-1/2" Stainless Steel Casing
 Size perforation 0.078" wide x 2" long

From	feet to	feet
From _____	feet to _____	feet
From _____	feet to _____	feet
From _____	feet to _____	feet
From <u>3591</u>	feet to <u>3805.8</u>	feet
From <u>4191.6</u>	feet to <u>4834.7</u>	feet

DCNR/DWR RECEIVED
MAY 27 2005

9. WATER LEVEL

Static water level 3120 feet below land surface
 Artesian flow N/A G.P.M. N/A P.S.I.
 Water temperature 93 °F Quality _____
 T/Temp Log _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Bechtel Nevada (CONTRACTOR)
 Address PO Box 98521 (CONTRACTOR)
Las Vegas NV 89193-8521
 Nevada contractor's license number issued by the State Contractor's Board 48068
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP 2219
 Signed Michael W. Wilkes Michael W. Wilkes
 By driller performing actual drilling on site or contractor
 Date May 27, 2005

7. WELL TEST DATE

TEST METHOD: Bailer Pump Air Lift
 Draw Down

G.P.M.	(Feet Below Static)	Time (Hours)

Date started March 20, 20 05
 Date completed April 28, 20 05