

COPIES TO
 -DIVISION OF WATER RESOURCES
 -CLIENT'S COPY
 -WELL DRILLER'S COPY

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

OFFICE USE ONLY
 Log No. **96779**
 Permit No. _____
 Basin **147**
 NOTICE OF INTENT NO. **24278**

PRINT OR TYPE ONLY

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

1. OWNER Natl Nuclear Security Admin NV Site Office ADDRESS AT WELL LOCATION U-19ad PS#1A
 MAILING ADDRESS PO Box 98518 Area 19, Nevada Test Site
Las Vegas NV 89193-8518

2. LOCATION NE 1/4 SW 1/4 Sec 1 T 8 S R 50 E Nye County
 PERMIT NO. Waiver R-1250 Parcel No. N/A Subdivision Name N/A

3. WORKED 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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Partially to densely welded ash-flow tuff, vitric and devitrified	N	0	160	160
Bedded and reworked tuff, vitric	N	100	290	130
Non-welded to densely welded ash-flow tuff, vitric and devitrified	N	290	535	245
Bedded tuff, vitric	N	535	565	30
Non-welded to densely welded ash-flow tuff, vitric to devitrified vitrophyres at 651 and 1396 ft	N	565	1540	975
Reworked tuff, vitric	N	1540	1620	80
Partially to densely welded ash-flow tuff	N	1620	1710	90
Bedded tuff: vitric	N	1710	1745	35
Rhyolitic lava flow, vitric: pumiceous in upper 60 ft	Y	1745	TD	864

8. WELL CONSTRUCTION

Depth Drilled 2609 Feet Depth Cased 2579 Feet

HOLE DIAMETER (BIT SIZE)

From	To
120 Inches	0 Feet 15 Feet
15 Inches	15 Feet 120 Feet
9-7/8 Inches	120 Feet 2609 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10-3/4	40.5	0.350	15	115
5-1/2	14.6	0.226	0	2579

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 _____	feet to _____	feet
From <u>2577</u>	feet to <u>2407</u>	feet

Surface Seal: Yes No Seal Type: Neat Cement
 Depth of Seal 120 feet Cement Grout
 Placement Method: Pumped Concrete Grout
 Poured
 Gravel Packed: Yes No feet to _____ feet

DCNR/DWR
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JUN 09 2005

LAS VEGAS OFFICE

Date started August 2, 20 04
 Date completed August 22, 20 04

7. WELL TEST DATE

TEST METHOD: Bailer Pump Air Lift
 Draw Down

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

9. WATER LEVEL
 Static water level 2102 feet below land surface
 Artesian flow N/A G.P.M. N/A P.S.I.
 Water temperature 160 °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 0048068
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2125
 Signed Russell W Shelton Russell W Shelton
 By driller performing actual drilling on site or contractor
 Date June 9, 2005