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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. 20372

1. OWNER U.S. Department of Energy ADDRESS AT WELL LOCATION ER-5-3 #2
MAILING ADDRESS P.O. Box 98518 Area 5 of the Nevada Test Site
Las Vegas, NV 89193-8518

2. LOCATION SE 1/4 SE 1/4 Sec. 22 T. 12 N/S R. 54 E Nye County
NO. R-1024B
WAIVER Issued by Water Resources Parcel No. Subdivision Name

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 Air-Foam

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Tuffaceous Alluvium: gravelly sand	N	0	903	903
Basalt Lava Flow	Y	903	931	28
Older Alluvium: tuffaceous, gravelly sandy; moderate induration	Y	931	2050	1119
Ash-Flow Tuff: Nonwelded to densely welded	Y	2050	2305	255
Bedded Tuff: Air-fall and reworked tuffs	Y	2305	2335	30
Ash-Flow Tuffs: partially welded to densely welded Highly fractured, densely welded, slough- ing interval below 2480 ft depth	Y	2335	2775	440
Bedded Tuff: zeolitized	N	2775	2860	85
Ash-Flow Tuff: Densely welded; fractured; severe hole sloughing at 2890 - 2950 ft depth	Y	2860	3025	165
Bedded Tuff: zeolitized; sloughing interval above 4330 ft	N	3025	4678	1653
Dolomite and Lessor Limestone: hard; good borehole	Y	4678	5683	1005

8. WELL CONSTRUCTION
Depth Drilled 5683 Feet Depth Cased 4908 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
48	0	119		
26	119	2032		
17 1/2	2032	2809		
12 1/4	2809	5683		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30		0.375/0.312	0	118
20	94.0	0.438	0	2014
13-3/8	54.5/61.0	0.380/0.430	0	2786
5 1/2	14.60/26.4	0.250/0.328	2477/0	4908/2477

Perforations:
Type perforation Slotted 5 1/2" stainless steel casing
Size perforation 0.078" wide x 2" long
From 4906 feet to 4563 feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 71' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From _____ feet to _____ feet

Date started March 23, 2000
Date completed May 19, 2000

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

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

9. WATER LEVEL
Static water level 927 feet below land surface
Artesian flow No @ 5200 ft G.P.M. _____ P.S.I.
Water temperature 109 °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 FP2127
Signed [Signature] By driller performing actual drilling on site or contractor
Date June 16, 2000