

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

OFFICE USE ONLY
 Log No. **82840**
 Permit No. _____
 Basin **160**

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. **20373**

1. OWNER **U.S. Dept of Energy, Nevada Operations Ofc** ADDRESS AT WELL LOCATION **ER-5-3 #3**
 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 S R 54 E** **Nye County**
 PERMIT NO. **N/A** 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 **Air-Foam**

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thickness
Alluvium: gravelly-sand, poorly indurated, poorly sorted, tuffaceous, mostly unaltered matrix.	N	0	600	600
Alluvium: gravelly-sand, poorly to mod indurated, tuffaceous w/increase in basalt and quartzite clasts. Increase in zeolitization of matrix, degree of cementation, and density.	N/Y	600	898	298
Basalt: grayish-black, porphyritic, conspicuous small vesicles filled with calcite and zeolites.	Y	898	918	20
Alluvium: gravelly-sand; sand, and clayey sand, poorly to mod sorted, mod indurated, matrix is calcareous, zeolitic to argillic.	Y	918	1800	882
			TD	

8. WELL CONSTRUCTION
 Depth Drilled **1800** Feet Depth Cased **1745** Feet
 HOLE DIAMETER (BIT SIZE)
 From **26** Inches To **120** Feet
 From **9-7/8** Inches To **1800** Feet
 From _____ Inches To _____ Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	65	0.375	0	117
2-7/8	7.66 / 6.5	0.276 / 0.217	0	1745

Perforations:
 Type perforation **Slotted 2-7/8" stainless steel tubing**
 Size perforation **0.078" wide x 2" long**
 From **1744** feet to **1492** feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal **117 Feet** Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From **1800** feet to **1412** feet

9. WATER LEVEL
 Static water level **927** feet below land surface
 Artesian flow _____ G.P.M. P.S.I.
 Water temperature **N/A** °F Quality _____

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

Date started **January 31, 20 01**
 Date completed **February 5, 20 01**

7. WELL TEST DATE

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

Name **Bechtel Nevada Corporation** (CONTRACTOR)
 Address **P.O. 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 **FP 2127**
 Signed *[Signature]*
 By driller performing actual drilling on site or contractor
 Date **March 6, 2001**

82840

Bechtel Nevada

Mailing address: P.O. Box 98521
Las Vegas, NV 89193-8521

Express mail only: 2621 Losee Road
North Las Vegas, NV 89030-4129

1300-KO-01-0004

February 26, 2001

Robert Coache, Chief Engineer
Southern Nevada Branch Office
Division of Water Resources
555 East Washington Avenue
Las Vegas, NV 89101

Subject: Contract No. DE-AC08-96NV11718
WELL DRILLER'S REPORT FOR ER-5-3 #3, NOTICE OF INTENT NO. 20373
Project No. 04024

Reference letter from G. W. Johnson to R. Coache, dated March 5, 1999, regarding licensing of U.S. Department of Energy, Nevada Operations Office drilling services.

In accordance with the intent of the referenced letter, Bechtel Nevada, as a matter of comity, is submitting the attached Well Driller's Report for the subject well.

If you have any questions, please contact me at 295-0634.



P. K. Ortego, Project Manager
Underground Test Area

PKO:mo
Subject Code: ENV 35

Enclosure: as stated

cc w/enc.
R. M. Bangerter, Jr., DOE/NV, 505

cc w/o enc.
Correspondence Control, NLV008
P. W. Tomizcek, Jr., BN, NLV102