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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. 19123

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

2. LOCATION NW 1/4 NW 1/4 Sec 32 T. 8 N/S R. 49 F. Nye County

WARRANT NO. R-1024 Parcel No. N/A Subdivision Name _____
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 ream

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Mod welded tuff; devitrified	N	0	16	16
Bedded tuff; vitric	N	16	76	60
Nonwelded to partially welded ash-flow tuff; vitric			572	496
Pumiceous lava; vitric	N	572	650	78
Lava; devitrified to silic	N	650	806	156
Pumiceous lava; devitrified	N	806	1116	310
Vitrophyric lava	N	1116	1184	68
Pumiceous lava; vitric	N	1184	1248	64
Bedded tuff; devitrified	N	1248	1312	64
Mod to densely welded tuff	N	1312	1394	82
Bedded tuff; zeolitic	N	1394	1525	131
Partly to mod welded tuff	N	1525	1740	215
Vitrophyric ash flow tuff	N	1740	1778	38
Nonwelded tuff; zeolitic	Y	1778	2050	262
Lava; zeolitic to devitrified	Y	2050	2610	560
Bedded tuff; zeolitic	Y	2610	2700	90
Mod welded tuff; devitrified	Y	2700	2940	240
Tuff breccia; zeolitic	Y	2940	3020	80
Bedded tuff; zeolitic	Y	3020	3400	380
Partially to mod welded tuff mostly devitrified			3600	200
Bedded tuff; zeolitic	Y	3600	4270	670
Pumiceous lava; zeolitic	Y	4270	4390	120
Lava; devitrified, silic	Y	4390	4630	240
Lava; vitrophyric	Y	4630	4670	40
Pumiceous lava; zeolitic	Y	4670	4770	100
Bedded tuff; zeolitic	Y	4770	4820	50
Lava-flow breccia-zeolitic	Y	4820	5000	180

8. WELL CONSTRUCTION
Depth Drilled 5,000 Feet Depth Cased 4,791 Feet

HOLE DIAMETER (BIT SIZE)
From To
48 Inches 0 Feet 76 Feet
17 1/2 Inches 76 Feet 2215 Feet
12 1/2 Inches 2215 Feet 5000 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	118.75	0.375	0	76
13-3/8	54.5	0.380	0	2190
5 1/2 17-5/8	14.7/26.40	0.250/0.328	2256/0	4791/2256

Perforations:
Type perforation Slotted 5 1/2" stainless steel casing
Size perforation 0.078" wide x 2" long
From 4749 feet to 4448 feet
From 3760 feet to 3348 feet
From 2821 feet to 2298 feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 76 Cement Grout
Placement Method: Pumped Concrete Grout
 Poured

Gravel Packed: Yes No *see
From 4895 feet to 4399 feet attached

Date started _____, 19____
Date completed _____, 19____

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 1858 feet below land surface
Artesian flow None at 4997' G.P.M. N/A P.S.I.
Water temperature 145 at 4997' 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 FP2126

Signed David R. Schmitz
By driller performing actual drilling on site or contractor
Date 5/27/99

Log 75531

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-99-0011

May 26, 1999

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

Subject: Contract No. DE-AC08-96NV11718
**WELL DRILLER'S REPORT FOR ER-EC-1,
NOTICE OF INTENT NO. 19123**
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, Program Manager
Site Investigations

PKO:mo
Subject Code: ENV 35-2

Enclosure: as stated

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

cc w/o enc.
Correspondence Control, NLV008
M. A. Sabbe, BN, NLV102



STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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ADDRESS AT WELL LOCATION: Nellis Air Force Range, EC-South, Well ER-EC-1

Continued from Page 1, "Gravel Packed:"

From 3776 feet to 3286 feet

From 2869 feet to 2258 feet

