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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. 42611

1. OWNER U.S. Department of Energy ADDRESS AT WELL LOCATION Nellis Air Force Range, EC-South
 MAILING ADDRESS P.O. Box 98518 Well ER-EC-7
Las Vegas, NV 89193-8518

2. LOCATION NW 1/4 NW 1/4 Sec. 14 T. 11 N/S R. 49 E. Nye County Nye
 WAIVER NO. R-1024 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...Foam

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium: sandy gravel	N	0	39	39
Pumiceous lava: mostly zeolitic and silicic	N	39	165	126
Lava: vitric, partly zeolitic and silic, strongly pertitic	N	165	300	135
Lava: devitrified and silicic, remnant pertitic texture, some flow banding	N	300	350	50
Lava: devitrified, partly silicic, weakly spherulitic, conspicuous secondary quartz and silica filled fractures	N	350	430	80
Lava: devitrified and silicic, flow banded	N/Y	430	993	563
Lava: basal vitrophyre, vitric, pertitic	Y	993	1004	11
Bedded tuff (?) or Tuffaceous sediments, multi-lithologic	Y	1004	1030	26
Bedded tuff: zeolitic	Y	1030	1070	40
Gravelly-sand: caldera moat filling sediments, variety of volcanic lithologies, possible welded ash-flow at 1200' depth	Y	1070	1386	316

8. WELL CONSTRUCTION
 Depth Drilled 1386 Feet Depth Cased 1306 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
36	0	41
17 1/2	41	875
12 1/2	875	1386

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	94	0.438	0	39
13-3/8	54.5	0.380	0	872
5 1/2 / 7-5/8	5.85/26.4	0.400/0.328	0/890	890/1306

5 1/2 inch is fiberglass casing
 Perforations:
 Type perforation Slotted 5 1/2" fiberglass casing
 Size perforation 0.078" wide x 2" long

From 1304 feet to 1215 feet
 From 979 feet to 920 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal 54
 Placement Method: Pumped Poured

Gravel Packed: Yes No
 From 1310 feet to 1153 feet
 From 1024 feet to 895 feet

9. WATER LEVEL
 Static water level 748 feet below land surface
 Artesian flow N/A G.P.M. _____ P.S.I. _____
 Water temperature 85 at 1314' 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 July 30 1999
 Date completed August 10 1999

7. WELL TEST DATA

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

Name _____ Contractor
 Address _____ Contractor

Nevada contractor's license number #2125 RWS issued by the State Contractor's Board
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller #2125

Signed James W. Sutton
 By driller performing actual drilling on site or contractor
 Date 9/19/99

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

2150-KO-99-0007

September 9, 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-7,
NOTICE OF INTENT NO. 42611
Project No. 04025

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 35-2

Enclosure: as stated

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

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

SEP 9 2000