

RF-37

WHITE-DIVISION OF WATER RESOURCES
CANARY-CLIENT'S COPY
PINK-WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 104366
Permit No.
Basin. 160

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in

Office of Civilian Radioactive Waste Management accordance with NRS 534.170 and NAC 534.340

Original NAC# 27312
NOTICE OF INTENT NO. 31164

1. OWNER U.S. Department of Energy ADDRESS AT WELL LOCATION Yucca Mountain Project
MAILING ADDRESS 1551 Hillshire Dr (S.W. Corner of Nevada Test Site)
Las Vegas, NV 89134
2. LOCATION SE 1/4 NW 1/4 Sec 32 T. 12 S. R. 50 E County
PERMIT NO. 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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium		0	130	130
Ranier Mesa		130	179	49
Bedded Tuff		179	462	283
Tiva Canyon		462	725	263

NAD 83
765,564 N
571,995 E

8. WELL CONSTRUCTION
Depth Drilled 725 Feet Depth Cased 725 Feet
HOLE DIAMETER (BIT SIZE)
From To
10.75 Inches 0 Feet 5 Feet
9 Inches 5 Feet 150 Feet
6.25 Inches 150 Feet 725 Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
3.5 1.96 .300 0 725
Perforations:
Type perforation
Size perforation
From feet to feet
Surface Seal: Yes No Seal Type:
Depth of Seal 725 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From feet to feet

Date started 8-31 20 04
Date completed 7-2 20 07

7. WELL TEST DATA

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

9. WATER LEVEL
Static water level NONE feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °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 Boart Longyear Co Contractor
Address 7773 W Seldon Ln Contractor
Peoria, Az 85345
Nevada contractor's license number issued by the State Contractor's Board 0010157
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2147
Signed [Signature] By driller performing actual drilling on site or contractor
Date 7-10-07