RF-57

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 104368
Permit No.
Basin 160

Original NOI 27376
NOTICE OF INTENT NO. 31162

1. OWNER U.S Department of Energy (Scott A Wade)
MAILING ADDRESS 1551 Hillshire Dr
Las Vegas, Nv 89134
ADDRESS AT WELL LOCATION Yucca Mountain Project (S.W Corner of Nevada Test Site)

2. LOCATION NE ¼ NW ¼ Sec. 32 T. 12 S/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	Thickness
Alluvium		0	174	174
Rainier Mesa		174	700	526
Topopah		700	774	74

NAD 83
766,089 N
572,470 E

Date started 9-12, 2006
Date complated 7-2, 2007

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION
Depth Drilled 762 Feet Depth Cased 660 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
10.75 Inches	0 Feet	5 Feet
9 Inches	5 Feet	150 Feet
8 Inches	150 Feet	250 Feet
6.25 Inches	250 Feet	660 Feet
3 Inches	660 Feet	774 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
3.5	1.96	.300	0	660

Perforations:
Type perforation
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 660
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☒ No
From feet to feet

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 (By driller performing actual drilling on site or contractor)
Date 7-10-07

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627