RF-35

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. 104367
Permit No.
Basin 160

Original #27378

NOTICE OF INTENT NO. 31160

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 SW ¼ SE ¼ Sec. 29 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	Thickness
Alluvium		0	111	111
Nonwelded bedded Tuff		111	365	254
Tiva Canyon		365	627	262

NAD 83
767,762 N
573,480 E

Date started 10-3, 2006
Date completed 7-6-, 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 624 Feet Depth Cased 624 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
10.75 Inches		0 Feet	5 Feet
9 Inches		5 Feet	170 Feet
6.25 Inches		170 Feet	627.5 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
3.5	1.96	.300	0	624

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 624
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