

Hole #38

Lat. 3651' 22.66" N.  
Long. 11625' 18.76" W

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. 104369  
Permit No.  
Basin 160



PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

U.S. DOE

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. 27376 original  
31162 replace.

1. OWNER Office of civilian radioactive waste man ADDRESS AT WELL LOCATION Yucca Mtn. project  
MAILING ADDRESS 1551 Hillsire Dr. SW corner of Nevada test site  
Las Vegas, NV. 89134-6321

2. LOCATION NE 1/4 N.W 1/4 Sec 32 T. 12 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
Gravelly sand		0	19.5	19.5
Tuffaceous sand		19.5	27.8	8.3
sandy Gravel		27.8	35.0	7.2
Gravel		35.0	37.0	2
Sand poorly Graded		37	39.6	2.6
Gravelly Sand/sandy gravel		39.6	125.8	86.2
Valley Fill/Gravelly sand		125.8	148.7	22.9
Banner Mesa tuff		148.7	196.5	47.8
Pre-rainier Mesa bed tuff		196.5	331	134.5
Rhyolite of comb peak		331	469.5	38.5
Post Tiva canyon bedded tuff		469.5	482.7	13.2
crystal rich vitric zone		482.7	491.0	8.3
crystal rich nonlithophysal		491.0	593.4	102.4
crystal poor upper lith.		593.4	655.5	62.1
crystal poor middle non lith		655.5	691.7	36.2

8. WELL CONSTRUCTION  
Depth Drilled 692.7 Feet Depth Cased 685 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
9"	0'	140'
8"	140'	230'
6 1/4"	230'	692.7 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
3.5	sch 80	0.432	685'	0'

Perforations:  
Type perforation NO SCREEN  
Size perforation \_\_\_\_\_  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 685  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Gravel Packed:  Yes  No  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

155 bags 94# Portland  
8 bags benseal

Date started 8-8, 2006  
Date completed 5-12, 2007

7. WELL TEST DATA

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

9. WATER LEVEL  
Static water level Dry hole 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 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-2250  
Signed Dennis R Reid  
By driller performing actual drilling on site or contractor  
Date 5-30-07