

COPIES TO
 -DIVISION OF WATER RESOURCES
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 -WELL DRILLER'S COPY

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. 97388
 Permit No. _____
 Basin 160

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 19129

1. OWNER Natl Nuclear Security Admin NV Site Office ADDRESS AT WELL LOCATION Horn Silver Mine #2
 MAILING ADDRESS PO Box 98518 Las Vegas NV 89193-8518 NTS, Area 26
 2. LOCATION SW 1/4 SW 1/4 Sec 17 T 13 S R 52 E Nye County
 PERMIT NO. N/A Parcel No. N/A Subdivision Name _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE
 Domestic Irrigation Test Monitor Stock
 Municipal/Industrial Other _____
 5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Altered volcanic	N/A	0	99	99
Altered Intrusive volcanic	N/A	99	110	11
Limonite Intrusive volcanic with Pyrite	N/A	110	180	70
Latite Altered volcanics	N/A	180	251	71
Intrusive Volcanics	N/A	251	359	108
Silicified Volocanic Limonite, quartz, and Pyrite	N/A	359	410	51
Wahmonie intrusive, quartz, latite and Pyrite	N/A	410	451	41
Altered Latite and Quartz	N/A	451	470	19
Open drift	N/A	470	478	8
Altered volcanic	N/A	478	485	7

8. WELL CONSTRUCTION
 Depth Drilled 485 Feet Depth Cased 482 Feet
 HOLE DIAMETER (BIT SIZE)
 From 11-7/8 Inches To 26 Feet
8-1/2 Inches 26 Feet 485 Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
9-5/8	36	0.363	0	26
2-3/8	Sch 80 PVC	---	0	482

Perforations:
 Type perforation See attached drawing for completion information
 Size perforation _____
 From 478.60 feet to 474.10 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
 Depth of Seal 26' Cement Grout
 Placement Method: Pumped Concrete Grout
 Poured
 Gravel Packed: Yes No
 From N/A feet to N/A feet

9. WATER LEVEL
 Static water level N/A feet below land surface
 Artesian flow N/A G.P.M. N/A P.S.I.
 Water temperature N/A °F Quality N/A

Date started November 19, 2003
 Date completed drilling November 25, 2003

7. WELL TEST DATE

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			
N/A	N/A	N/A	N/A

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Bechtel Nevada
 Address PO Box 98521
Las Vegas NV 89193-8521
 Nevada contractor's license number issued by the State Contractor's Board 0048068
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2123
 Signed Wilbert Wharton Wilbert Wharton
 By driller performing actual drilling on site or contractor
 Date August 11, 2005

DCNR/DWR
 RECEIVED
 AUG 11 2005
 LAS VEGAS OFFICE

97388

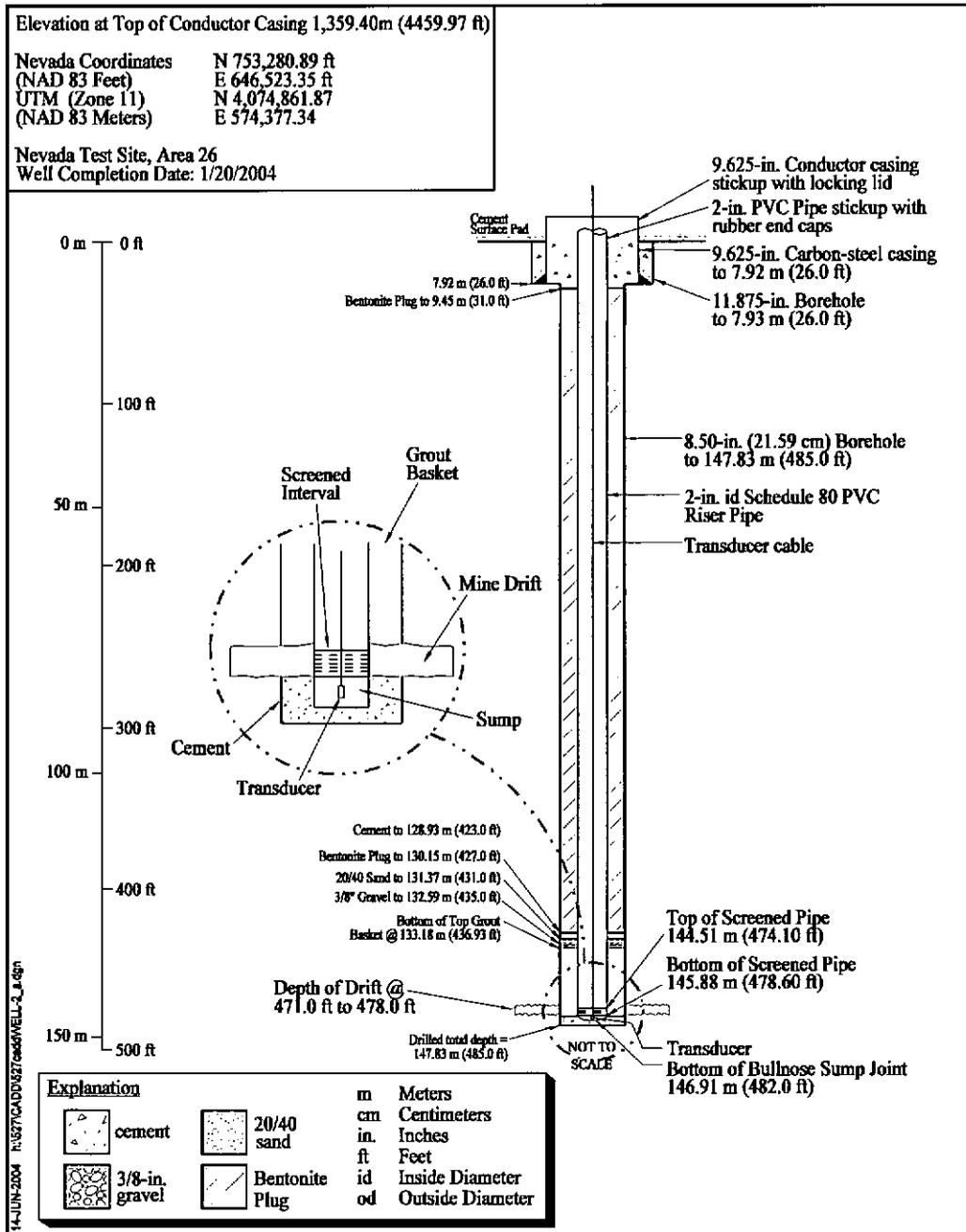
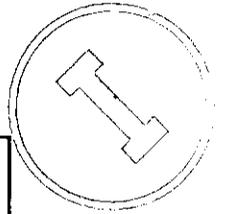


Figure A.2-4
 CAU 527, Well Completion Diagram for HSM-2