

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

OFFICE USE ONLY
 Log No. 97387
 Permit No. _____
 Basin 160
 NOTICE OF INTENT NO. 19129

PRINT OR TYPE ONLY

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

1. OWNER Natl Nuclear Security Admin NV Site Office ADDRESS AT WELL LOCATION Horn Silver Mine #3
 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
Volcanics, grey/orange/brown moderately welded	N/A	25	230	205
Volcanic fracture zone	N/A	230	240	10
Volcanics, grey/orange/brown moderately welded	N/A	240	298	58
Volcanics, purple, red, yellow, tan silicified, strong alteration	N/A	298	346	48
Volcanic highly altered tuff	N/A	346	366	20
Volcanic fracture zone grey with pyrite	N/A	366	386	20
Volcanics, light grey tuff	N/A	386	406	20
Volcanics, grey/orange highly altered with pyrite,	N/A	406	453	47
Volcanics, pale yellowish brown	N/A	453	513	
Volcanics, grey/orange	N/A	513	563	50
Volcanics, pale/orange, moderately welded	N/A	563	583	20
Volcanics, light grey	N/A	583	684	101
Wahmonic Intrusive	N/A	684	720	36

8. WELL CONSTRUCTION

Depth Drilled 724 Feet Depth Cased 708 Feet

HOLE DIAMETER (BIT SIZE)

From	To
11-7/8 Inches	0 Feet 26 Feet
8-1/2 Inches	26 Feet 724 Feet

This is an angle hole at 724 feet; MD hole is 630 ft TVD

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
9-5/8	36	0.363	0	25
1 st 2-3/8	Sch 80 Line Pipe	0.218	0	708
2 nd 2-3/8	Sch 80 Line Pipe	0.218	0	708
3 rd 2-3/8	Sch 80 PVC		0	214

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

DCNR/DWR
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 AUG 11 2005

LAS VEGAS OFFICE

Surface Seal: Yes No Seal Type: Neat Cement
 Depth of Seal 26 Feet Cement Grout Concrete Grout
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From See attached drawing feet to _____ 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 25, 20 03
 Date completed drilling December 11, 20 03

7. WELL TEST DATE

TEST METHOD: Bailer Pump Air Lift
 Draw Down (Feet Below Static)

	G.P.M.	Time (Hours)
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
 (CONTRACTOR)
 Address PO Box 98521
 (CONTRACTOR)
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

97387

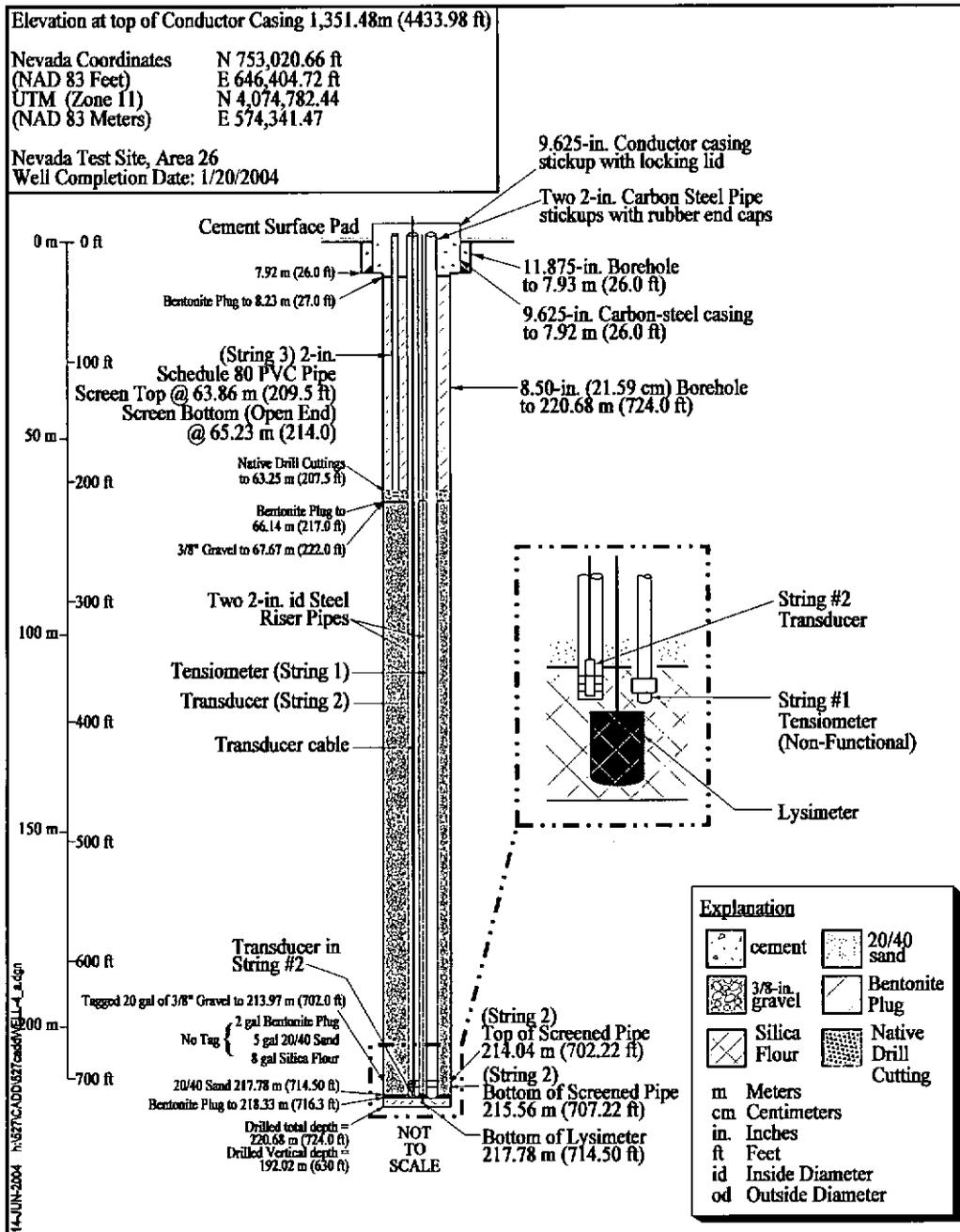
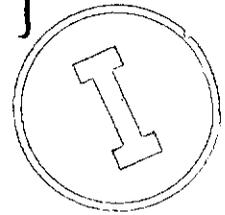


Figure A.2-5
 CAU 527, Well Completion Diagram for HSM-3 (Angle Hole)