



# MONITOR WELL CONSTRUCTION SUMMARY

Well No. MW-113

Boring No. X-Ref: \_\_\_\_\_

Survey coords: \_\_\_\_\_

Elevation Ground Level 2147.35 feet, msl

Top of Casing \_\_\_\_\_

## Drilling Summary:

Total depth 65 feet  
 Borehole Diameter 8 inches  
 Casing Stick-up height: \_\_\_\_\_  
 Driller Turner Explorations, Inc.  
Rancho Cordova, California  
 Rig BK-81  
 Bit(s) Hollow-stem augers  
 Drilling Fluid none  
 Protective Casing none

## Construction Time Log:

Task	Date	Start		Finish	
		Date	Time	Date	Time
Drilling	10/4/95		2158	10/5/95	0035
Geophys. Logging:					
Casing:	10/5/95		0040	10/5/95	0055
Filter Placement:	10/5/95		0055	10/5/95	0245
Cementing:	10/5/95		0630	10/5/95	0700
Development:	10/8/95		0500	10/8/95	0630

## Well Design & Specifications

Basis: Geologic Log x Geophysical Log \_\_\_\_\_

Casing String(s): C=Casing S=Screen

Depth	String	Elevation
0.5 - 20	C1	-
20 - 45	C2	-
45 - 65	S1	-
-	-	-
-	-	-

Casing: C1 2-inch stainless steel blank casing

C2 2-inch sch.40 PVC blank casing

Screen: S1 2-inch sch.40 PVC 0.020-inch slotted

S2 \_\_\_\_\_

Filter Pack: 42'-65': #3 Lapis Lustre sand

Grout Seal: 1'-39': neat cement with 5% bentonite

Bentonite Seal: 39'-42': 3/8" bentonite hole plug-hydrated

## Well Development:

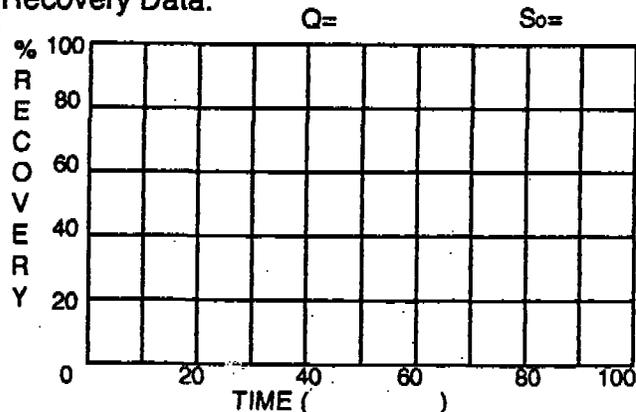
1) Swabbed well casing with 2-inch swab

2) Bailed 11.5 gallons of water

## Stabilization Test Data:

Time	pH	Spec. Cond.	Temp (F)
0540	7.78	2310	70
0615	7.60	2260	68
0620	7.78	2270	68
0623	7.64	2160	70
0630	7.66	2200	68

## Recovery Data:



Comments: 1) Pointed PVC bottom end cap with drainage slot 3) All casings flush-threaded

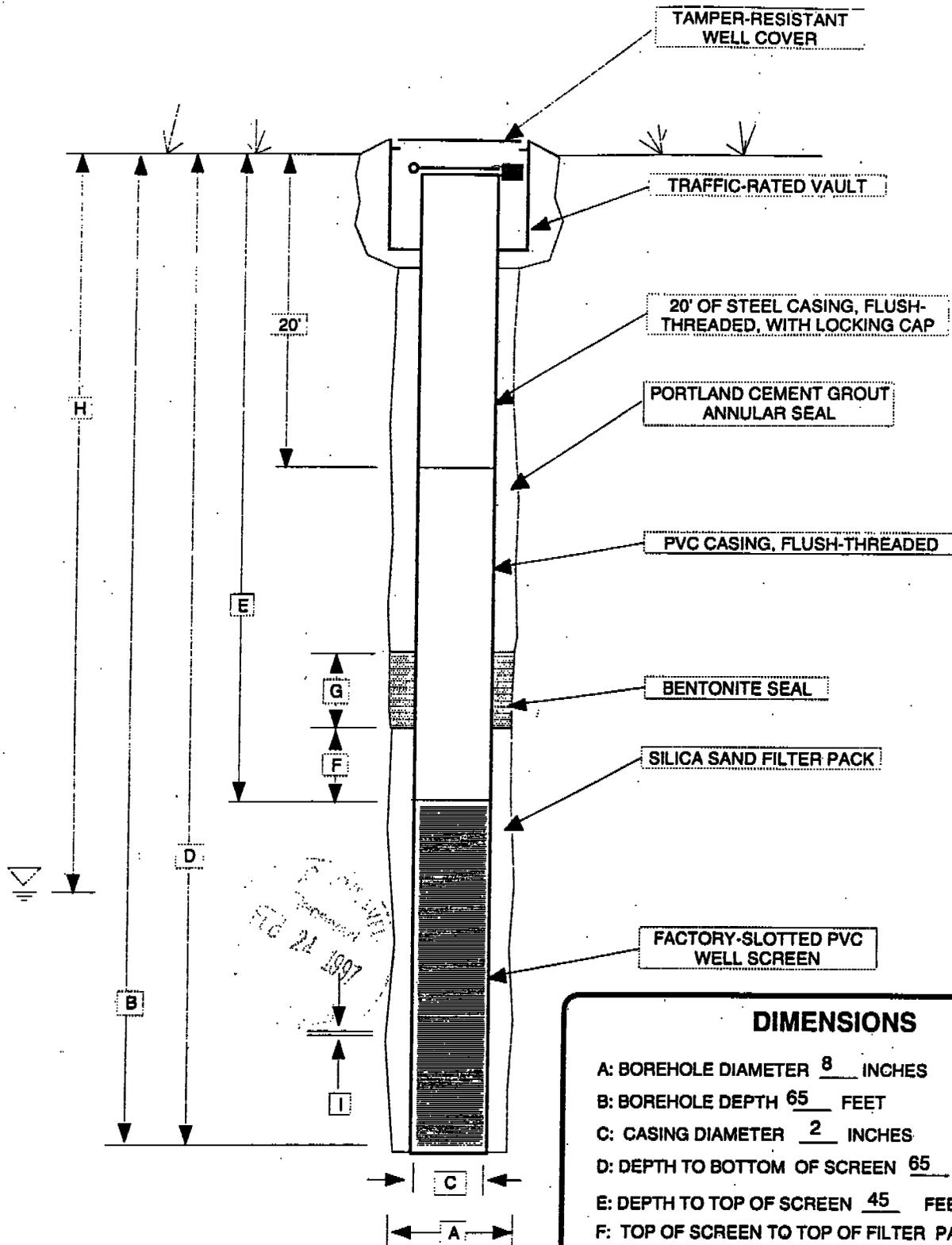
2) Traffic box installed at grade over well head

Site Name McCarran International Airport

Location Las Vegas, Nevada

Supervised By Rich Johnson III

Date \_\_\_\_\_



### DIMENSIONS

- A: BOREHOLE DIAMETER 8 INCHES  
 B: BOREHOLE DEPTH 65 FEET  
 C: CASING DIAMETER 2 INCHES  
 D: DEPTH TO BOTTOM OF SCREEN 65 FEET  
 E: DEPTH TO TOP OF SCREEN 45 FEET  
 F: TOP OF SCREEN TO TOP OF FILTER PACK 3 FEET  
 G: THICKNESS OF BENTONITE SEAL 3 FEET  
 H: DEPTH TO WATER TABLE 51.21 FEET 10/12/95  
 I: SLOT APERTURE 0.020 INCHES

NOT TO SCALE

**Groundwater Monitor Well MW-113**