WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

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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. 88108
Permit No.
Basin 104

NOTICE OF INTENT NO. 38109

1. OWNER US Geological Survey WRD
MAILING ADDRESS 333 W. Nye Lane
Carson City Nv 89706

ADDRESS AT WELL LOCATION Carson City Fire Station #2. 2400 College Parkway
Carson City Nv 89706

2. LOCATION NW ¼ SE ¼ Sec. 4 T. 15 N/S R. 20 E. Carson County
PERMIT NO. MO-1242 (Issued by Water Resources) 008-406-15 (Parcel No.) Carson City Fire Station #2. (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 Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Sandy loam, moist, Few ½" gravels		0	1	1
Brown Clay, Few ½" gravels		1	3	2
Brown Clayey sand		3	3½	½
Tan Clay		3½	4½	1
Tan Clay, finer texture		4½	10	5½
Dark Brown Clay, Streaks of gray		10	11	1
Brown Clay (slow drilling)		11	14	3
Dark Brown Clay moist		14	15	1
Water Strata	15			
Nothing coming up to surface		15	24	9
Very wet sandy silt		24	40	16

Date started 5-15-02, 19
Date completed 5-15-02, 19

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
GPS Location:		
39°	11'	27"
119°	44'	24.8"

8. WELL CONSTRUCTION
Depth Drilled 40 Feet Depth Cased 32 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From (Feet)	To (Feet)
6 5/8	0	40

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	PVC	Sch 40	0	32
	ASTM 480 Flush Threads			

Perforations:
Type perforation Factory Slot
Size perforation 0.020 inch
From 22 feet to 32 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

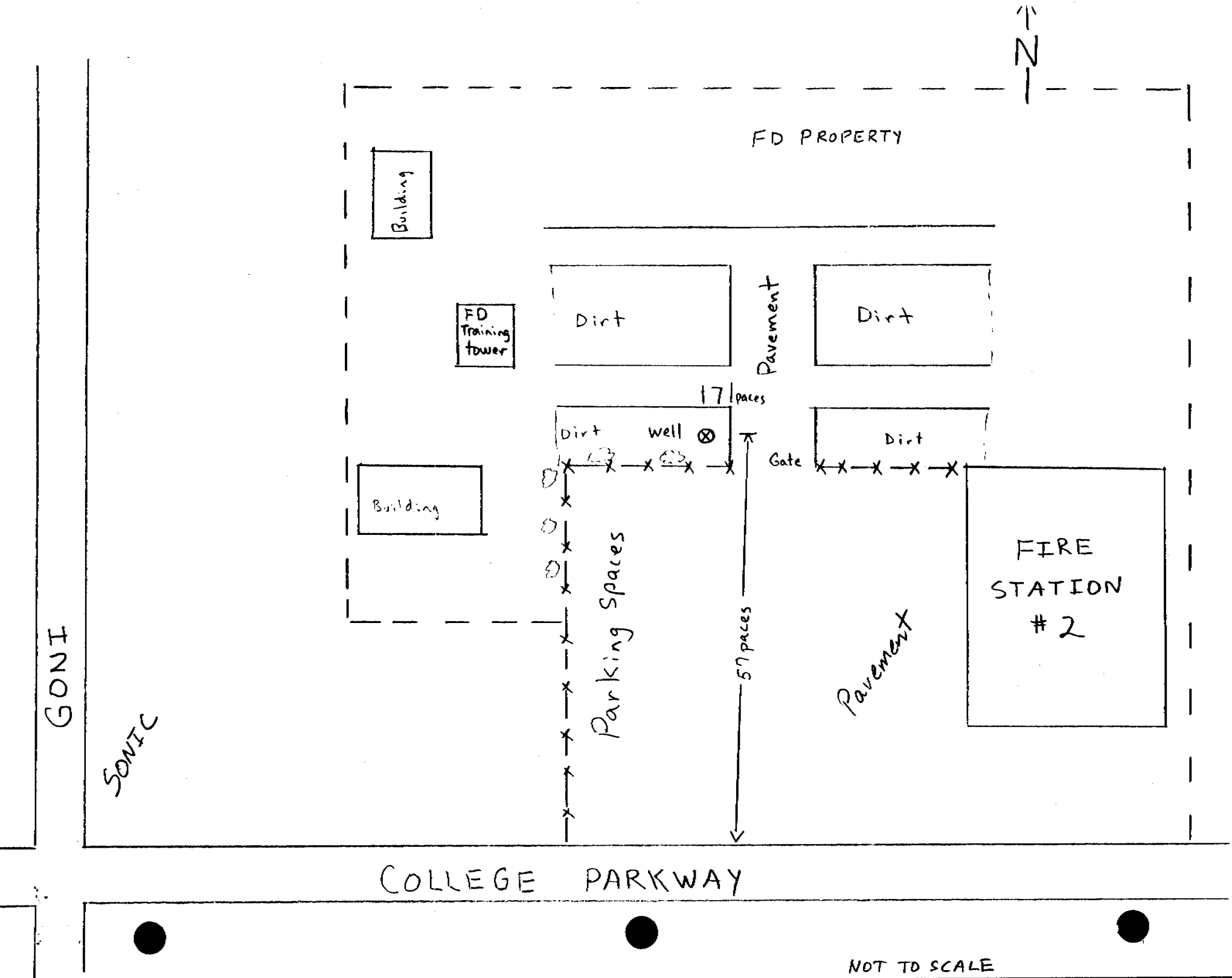
Surface Seal: ☑ Yes ☐ No
Depth of Seal 15 to 3 Feet
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout

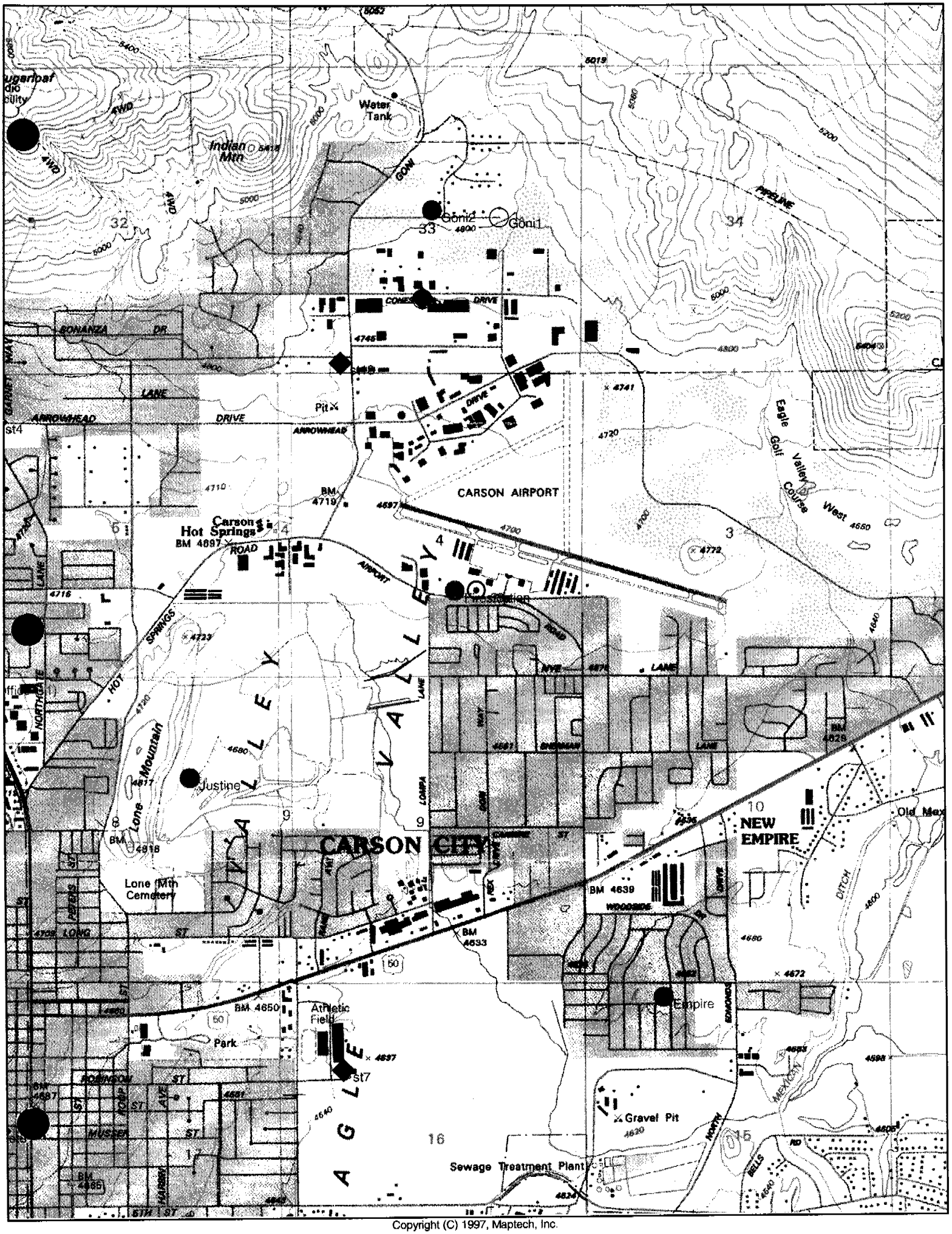
Gravel Packed: ☑ Yes ☐ No
From 19½ feet to 32 feet

9. WATER LEVEL
Static water level 13 feet below land surface
Artesian flow NO G.P.M. P.S.I.
Water temperature °F Quality Unknown

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Gary Gortsema
Address 6770 S. Paradise Rd (Contractor)
Las Vegas NV 89119 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-MW-2192
Signed Gary Gortsema (By driller performing actual drilling on site or contractor)
Date 5-20-02

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627


N
FD PROPERTY
Building
FD Training tower
Dirt
Pavement
Dirt
17 paces
Dirt
well
Dirt
Gate
Building
Parking Spaces
57 paces
Pavement
FIRE STATION #2
GONI
SONIC
COLLEGE PARKWAY
NOT TO SCALE



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United States Department of the Interior

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
Nevada District
333 West Nye Lane, Room 203
Carson City, Nevada 89706

May 31, 2002

Mr. Tim Hunt
Nevada Division of Water Resources
123 West Nye Lane, Suite 246
Carson City, Nevada 89706-0818

Dear Mr. Hunt:

During the course of drilling at Fire Station #2; NW1/4, SE1/4, Sec. 4, TI5N, R20E in Carson City County, upward flowing, fine grained formations were penetrated. During the pull back of the center stem, the interior of the hollow stem auger began to fill with this upward flowing material. Consequently, the casing could not penetrate this material and 8 feet of pilot hole could not be cased.

During pull back of the auger, the casing was forced down, which indicated the pilot hole filling in completely below the indicated cased depth.

Sincerely,

Gary Gortesema

Gary Gortesema
Hydrologic Technician
License #FP-MW-2192

GG:eam