

Humboldt Drilling & Pump Co., Inc.

Agricultural, Mining, Industrial, Domestic
 4675 W. Winnemucca Blvd. 109-13, Winnemucca, NV 89445
 Phone (702) 623-5259

DAILY WORK REPORT

Customer Carson City Date Started 3-31-97
 Address Terrace Park Date Completed 4-5-97 Page No. _____
 Driller Ray Wilson 1713 Legal Description: Co. Carson City
 Surface _____" Casing Size _____" SW 1/4 SW 1/4-T 15 N/S-R 20 E/W-Sec 10
 Hole Size _____" Casing Size _____" Helper _____ Drill Used _____
 Screen or Perforations _____ Water Level At _____ FT.
 Gravel Information _____

TIME	TEMP	STEM #	DEPTH		Formation — Remarks
			FROM	TO	
					Re: Terrace Park well ^{int. #} 35836b
					hole was redrilled to 789 foot
		3-31			8 yds. of 7 sack grout brought cement up to
					637' Run casing & did water quality test.
					Gravel pack up to 524' added 15 bags of
					Bentonite hole plug brought level of hole
					plug up to 517'
					Pulled casing out of zone level of hole
		4-2			fell to 545' pumped 22 1/2 yards of
					grout: grout level up to 260'
					Run zonal sample string. Gravel pack from 260'
					to 122' place 58 bags of hole plug
		4-5			Pulled casing string out & place (112 bags) 2 pallets
					of holeplug. Total depth 218' pumped 35 yds.
					of grout to surface.

BOB MILLER
Governor

STATE OF NEVADA

PETER G. MORRIS
Director

R. MICHAEL TURNIPSEED, P.E.
State Engineer



DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

123 W. Nye Lane, Suite 246
Carson City, Nevada 89706-0818
(702) 687-4380 • Fax (702) 687-6972

March 11, 1997

Thomas Hultin
Hydrogeologist
BROWN AND CALDWELL
3636 N. Central Avenue, Suite 300
Phoenix, Arizona 85012-1931

Re: Waiver for Carson City Hidden Meadows well bottom-hole completion.

Dear Mr. Hultin:

This will confirm our discussion about your written request of this date in the above-referenced matter. Based on the facts set forth in your request and as we discussed, a waiver is herewith granted to complete the bottom portion of the hole with a new plug set from 420 feet to the casing shoe. The hole must be re-drilled to this depth and opened up to the 19 inch diameter. The plug material must consist of cement grout at seven sacks of cement per yard of grout or comply with the other, optional materials used in hole abandonment as described in the regulation. If you have any questions please communicate at your earliest convenience.

Very truly yours,

A handwritten signature in cursive script that reads "Thomas K. Gallagher".

Thomas K. Gallagher, P.E.
Hydraulic Engineer III

cc: Humboldt Drilling

BOB MILLER
Governor

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883
418

March 25, 1997

Thomas Multin
Brown and Caldwell
3636 N. Central Avenue, Suite 300
Phoenix AZ 85012-1931

RE: Waiver for Carson City Terrace Park well completion.

Dear Mr. Multin:

This office has received and reviewed your written request dated March 24, 1997, in the above-referenced matter. Based on the information in your request and as discussed with Jason King of our office, a waiver is herewith granted to complete the Terrace Park pilot hole as described in your letter of March 24, 1997. The plug material must consist of cement grout at seven sacks of cement per yard of grout or comply with the other optional materials used in hole abandonment as described in the regulation.

If you have any questions, please telephone (702) 687-3861.

Sincerely,

Tim Wilson
Hydraulic Engineer II

TW/jjs