1110-120
048 N31 E53 04
DRILLER LICENSE = 1390

SERGENT, HAUSKINS & BECKWITH CONSULTING GEOTECHNICAL ENGINEERS
SOIL & FOUNDATION ENGINEERING • ENGINEERING GEOLOGY • HYDROGEOLOGY
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REYNOLDS DRILLING CO.

June 5, 1989

SHB Job No. E89-2

Department of Conservation
& Natural Resources
Division of Water Resources
Capital Complex
201 South Fall Street
Carson City, Nevada 89710

Attention: Mr. Tom Gallegher
Hydraulic Engineer

Re: Monitor Well Abandonment
Remedial Geotechnical Services
Rain Project
Elko County, Nevada

Gentlemen:

At the request of Mr. Tom Gallegher, this letter addressing monitor well abandonment at the Rain Project is herewith submitted. Well abandonment was performed as per our conversation on May 16, 1989. That is, those wells with static water levels within the screened portion of the well were pressure grouted from the surface using a cement grout, while those wells having static water levels above the screened interval were ripped for an approximate 20-foot length above the screen and then pressure grouted from the surface using a cement grout. Table 1 outlines the well construction and method of abandonment for each of the wells abandoned.

REPLY TO: 3232 W. VIRGINIA, PHOENIX, ARIZONA 85009

PHOENIX	TUCSON	ALBUQUERQUE	SANTA FE	SALT LAKE CITY	EL PASO	RENO/SPARKS
(602) 272-6848	(602) 792-2779	(505) 884-0950	(505) 471-7836	(801) 266-0720	(915) 564-1017	(702) 331-2375

Log #'s 91059, 91060, 91061, 91062, 91063, 91064, 91065, 91066, 91067, 91068, 91069, 91070, 91071, 91072, 91073, 91074, 91075

Elko County

Monitor Well Abandonment
Remedial Geotechnial Services
Rain Project
Elko County, Nevada
SHB Job No. E89-2

TABLE 1

MONITOR WELL ABANDONMENT

Basin	Monitor Well I.D.	Location	Notice of Intent Number	Permit Number	Total Depth (1) (feet)	Diameter (inches)	Screened Interval (1) (feet)	Water Level (1) (feet)	Date Measured	Method of Abandonment	Date Abandoned	Amount of Grout Used (2) (cubic feet)	Grouting Pressure
053	MW-7	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	39	2	29-39	24.0	5-24-89	Rip Casing & Pressure Grout	5-24-89	38	10 PSI
	MW-8	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	24.5	2	9.5-24.5	22.8	5-23-89	Pressure Grout	5-23-89	3	55 PSI
	MW-9	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	50	2	40-50	23.3	5-23-89	Rip Casing & Pressure Grout	5-23-89	3.5	65 PSI
	MW-10	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	24.5	2	9.5-24.5	13.5	5-23-89	Rip Casing & Pressure Grout	5-23-89	2	30 PSI
	MW-11	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	50	2	40-50	47.4	5-23-89	Pressure Grout	5-23-89	3.5	30 PSI
	MW-12	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	29.5	2	14.5-29.5	Dry	5-23-89	Pressure Grout	5-23-89	1	30 PSI
	MW-13	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	48.5	2	38.5-48.5	Dry	5-24-89	Pressure Grout	5-24-89	3.5	60 PSI
	MW-15	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-120	59.5	2	39.5-59.5	Dry	5-25-89	Pressure Grout	5-25-89	3.5	60 PSI
	MW-17	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-129	120	1	30-120	Dry	5-24-89	Pressure Grout	5-24-89	3.5	30 PSI
	MW-18	NE1/4, NW1/4, SEC.9, T31N, R53E	10990	MO-129	34	2	24-34	25.8	5-23-89	Pressure Grout	5-23-89	3.5	80 PSI
	MW-2	NE1/4, NW1/4, SEC.9, T31N, R53E	---	---	100	6	15-100	83.4	5-25-89	Pressure Grout	5-25-89	45	30 PSI
	L-MW-1	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	M-120	28	2	8-28	7.9	5-26-89	Rip Casing & Pressure Grout	5-26-89	2	30 PSI
	L-MW-2	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	MO-120	19	2	9-19	Dry	5-26-89	Pressure Grout	5-26-89	2	30 PSI
	L-MW-3	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	M-120	34.5	2	24.5-34.5	Dry	5-26-89	Pressure Grout	5-26-89	3.5	20 PSI
	L-MW-4	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	M-120	27	2	7-27	Dry	5-26-89	Pressure Grout	5-26-89	3.5	20 PSI
	L-MW-5	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	M-120	27	2	17-27	Dry	5-26-89	Pressure Grout	5-26-89	2	30 PSI
	L-MW-6	SE1/4, NE1/4, SEC.4, T31N, R53E	10990	M-120	43	2	33-43	Dry	5-26-89	Pressure Grout	5-26-89	3.5	30 PSI

Notes: (1) Measured from ground surface.
(2) Grout Mix; 6 gallons water to 1 bag cement.