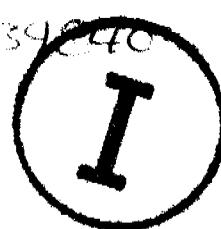


Layne-Western Company, Inc.

12030 E. Riggs Road / Chandler, Arizona 85249 / Telephone: 602/895-9404

Log # 34840
See log # 34841 Sec 17



October 18, 1990

Nevada Department of Conservation and Natural Resources
Office of the State Engineer
Division of Water Resources
Capitol Complex
201 S. Fall Street
Carson City, Nevada 89710

Subject: Well Abandonment Procedures

Re: Newmont Gold Company Wells PWE-6 and PWE-7.

The following outline represents the procedures and methods used in the abandonment of two wells owned by Newmont Gold Company, Carlin, Nevada.

#30826 (orig. well)

PWE-7: NW1/4, NE1/4 Section 19, T36N, R50E
Permit W-286 N 15092: E 13440

#34840 (plug)

September 9-10, 1990 the well was abandoned by placing 225 "shots" utilizing shape charges with a "link jet" tool. Each shot placed a 0.36 inch diameter hole thru the casing and penetrated to a depth of 10-12 inches into the gravel pack and formation. Due to the small diameter well casing (2-inches) additional splitting of the casing was expected to be produced from the "shots". Shot placement was from 55 feet to 475 feet in a staggered pattern. A bentonite slurry was circulated using 1-1/4 inch tremie pipe thru out the existing screen interval and the newly perforated zone. The bentonite slurry properties were as follows; 9.0 ppg and 62 viscosity and was measured by a professional mud engineer. A fifty foot cement plug was placed from on top of the bentonite slurry at fifty feet up to the ground surface.



PROFESSIONAL SERVICES FOR WATER SYSTEMS

Log # 34840
Basin # 4-6

MONITORING WELL

PROJECT

NEWMONT GOLD COMPANY

WELL NO.

PWE-7

JOB NO. 19547	SITE NORTH AREA	COORDINATES N 15092; E 13440
BEGUN 12/2/88	COMPLETED 12/18/88	HYDROGEOLOGIST G. A. DAY
REFERENCE POINT FOR MEASUREMENTS		GROUND SURFACE

