

SEE: C-26

NEVADA POWER COMPANY

December 5, 1986

LOG # 109809

Mr. Peter Morros, State Engineer
Division of Water Resources
Capitol Complex
201 South Fall Street
Carson City, Nevada 89710

CHARLIE F. VAUGHN
Vice President
Generation

Subject: Request for Waiver
Temporary Water Well Use

Dear Pete:

This is a request for a waiver to use water from a recently drilled exploratory test well (our designation of ~~BS-8A~~) on the Moapa Indian Reservation near Moapa, Nevada for construction and road watering purposes during the next six months. After six months of construction use, we propose to equip the well with a test connection and use it as a monitoring well.

The well was drilled under Intent to Drill Card Number 7071 and is located in the NW 1/4 Section 15, T.15S., R.65E. The attached sketch describes its construction and its present condition.

The well was constructed for the purpose of exploring (and pump testing) the limestone aquifer which was encountered at a depth of approximately 860 feet. Unfortunately, however, during the construction of the lower seal, the lower 380 feet of casing was filled with cement and the trim pipe that was used to feed the cement somehow became stuck when the cement set up.

The driller attempted to extract the stuck trim pipe and clean out the hole but was not successful. Apparently he damaged the casing, however, resulting in a well that will yield about 90 gallons per minute.

The well is located in a remote area and the cost of hauling water is very high. In one area along the water haul route, the water trucks require the assistance of construction equipment which adds to the water haul cost considerably. Your waiver would enable us to use a 20,000 gallon on-site storage tank to meet our water requirement which is approximately 300,000 gallons per month.

Your prompt consideration is requested since drilling operations are currently underway. If you have any questions regarding this request, please contact Phillip Kobett at 702/367-5671.

Very truly yours,


C.F. Vaughn

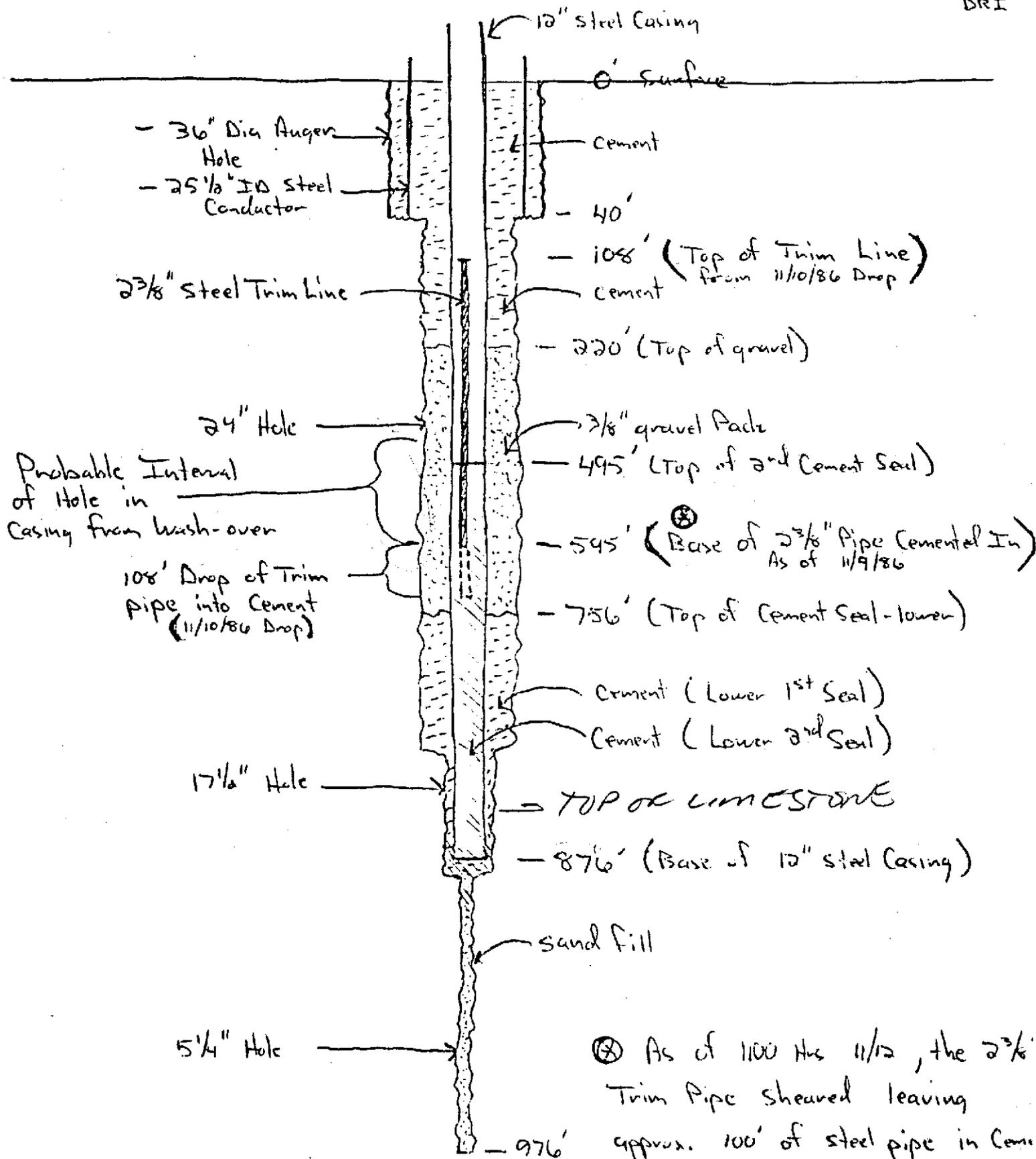
CFV:mfr

cc: D. Barneby, J. Hess - DRI, R. Coache, RG4-16, P. Brugman, J. Fujimoto

Hole HS-8A Status 11/11/86

11/12/86

Jm
DRI



⊗ As of 1100 hrs 11/12, the 2 3/8" Trim Pipe sheared leaving approx. 100' of steel pipe in Cement from ± 495' to ???

Nevada Power Co.

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If any questions arise regarding specific plugging requirements or other matters, please feel free to contact the undersigned.

Sincerely,

Thomas E. Gallagher
Hydraulic Engineer

C-26

December 10, 1986

Southern Nevada Branch Office

Nevada Power Co.
P.O. Box 230
Las Vegas, NV 89151

Attn: Phillip Kobett

Dear Mr. Kobett:

Under the provisions of NRS 534.050(4), permission is hereby granted to use an existing water well located within the NW1/4 SW1/4 Section 15, T.15S., R.65E., M.D.B.&M., for road construction and related purposes. The well, also known as well HS-8A, may be used to divert no more than 300,000 gallons of water per month for a period of 6 months from the date of this letter. A record of usage should be maintained for future reference.

Please submit copies of your driller's daily reports describing those days when lost circulation zones were encountered, casing was run, and when cementing and fishing operations were conducted so that a complete record on well construction is on file. The potential value of this well as an observation well is diminished greatly since the head level measured is a function of the elevation of the (unknown) open interval in the parted or milled-out casing.

The completion of the well, as described in the diagram attached to the letter dated December 5, 1986, and as discussed in our telephone conversation of December 9, 1986, is inadequate and the well is (by definition) defective, (NRS 534.060). Therefore, on or before the expiration date of this waiver, the subject well must be properly plugged by a Nevada licensed drilling contractor, in accordance with Part 14 of Nevada's Regulations for Drilling Water Wells as adopted under Chapter 534 of the Nevada Administrative Code. Please notify this office at least three working days in advance of the plugging schedule so that staff of this office may be on location to witness the plugging.

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December 10, 1996
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**If any questions arise regarding specific plugging requirements or other matters,
please feel free to contact the undersigned.**

Sincerely,

**Thomas K. Gallagher
Hydraulic Engineer**

TKG/jjk

cc: Southern Nevada Branch Office