



KERR-MCGEE NUCLEAR CORPORATION

POST OFFICE BOX 218 • GRANTS, NEW MEXICO 87020

June 16, 1980

Mr. Steve Reynolds
State Engineer
Design and Construction Section
New Mexico State Engineer Office
Bataan Memorial Building
Santa Fe, New Mexico 87504

Dear Mr. Reynolds:

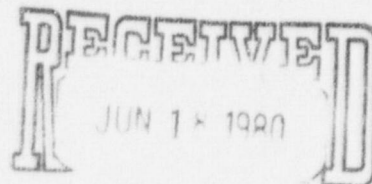
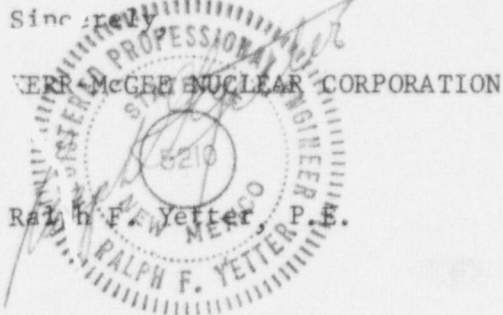
Re: File 2950

Pursuant to Section 72-5-9 N.M.S.A. 1978, the quarterly report concerning "Dam in Construction" data is submitted.

RFY:hc

Enclosure

This copy to:
E.I.D.
State of N.M.



WATER POLLUTION
CONTROL

9803240225 800616
PDR ADDCK 04008905
C PDR

June 16, 1980

Re: TAILING "DAM IN CONSTRUCTION"

1) Drawings S.E. File 2950-3-80 Rev. 1 and S.E. File 2950-6-80 show well data, most of which appear steady. SHB installed 5 - 3/4" wells as recommended on S.E. File 2950-12-79 Rev. 1 dated 3/6/80. The deeper wells show the approximate water depth at the lower roadway, which correspond in the large with other deep wells at the lower roadway position. From these data it appears that the dam condition is relatively steady with no wet spots on the face downstream side or unusual seepage.

2) Concerning the seepage rut repair outlined in your correspondence with Mr. C. Stanley, please be advised that we are currently into our annual turnaround (shutdown) schedule, and have some work to dress up before the area will be fully complete. The filter beds and most of the cover is complete. Mr. R. Booth will be out to inspect the completed works, and final completion notification will be forwarded to your office.

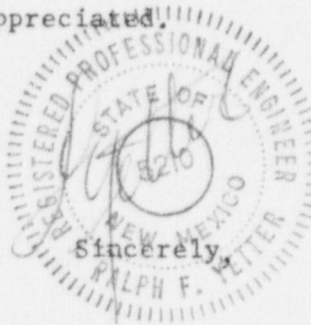
3) I'm informed that Hydra-Crete along with SHB are scheduled to arrive at 9:00 A.M., 17 June 1980, to commence work on the decant pipe works. This work should be completed by 25 June 1980 as scheduled.

4) For your general information, please be advised that much work has been completed in an all-out effort to police up the tailings area. A current project is to improve the appearance of the drainage route of the decant from Pond #1 to Pond #3. Management has given a directive to improve the appearance of this area.

(Continued Page Two)

5) During the period from December 1979 to the present, the tailings have been deposited in various areas, except the "east" side. The new line is near completion in this area, and disposition should commence soon.

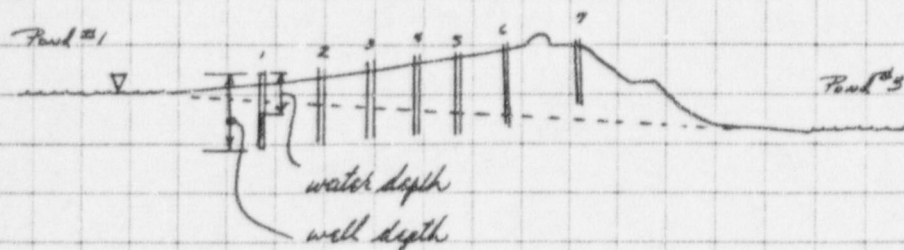
Your continued assistance is appreciated.



Sincerely,

COMPANY	DEPARTMENT	JOB NUMBER	DRAWING NUMBER
DRAWING BY	DATE	CHECKED BY	DATE
TITLE		SHEET	OF

Well Depth on S.H.B. 2" PVC wells on a straight line between ponds 1 & 3. Ref. SEF.16 2950-12-79



Well Number	Well Depth (S.H.B.)	Water level 12/10/79	2/12/80	2/29/80	4/18/80	5/9/80
1	82.0	54'-N 30'-N"	30.4'	45'	44'-0"	34.0'
2	87.2'	43'-9" 54'-11"	59.2'	58.5'	51.5'	38.2'
3	71.2'	59'-8" 33'-9"	32.9'	49.5'	48.5'	37'-2"
4	92.0'	44'-6" 59'-8"	57'	62.2'	62.5'	61.9'
5	87.0'	44'-6"	43.8'	65.5'	61.1'	60'-6"
6	93.0'	67'-0"	67.4'	67.8'	68.9'	68'-3 1/2"
7	92.8'	73'-0"	71.8'	70.6'	70.0'	62'-1"

Comment: Some change in well depth since S.H.B. cleared the wells however the data is still about the apparent water line between ponds 1 & 3 in the large.

COMPANY	DEPARTMENT	JOB NUMBER	DRAWING NUMBER
DRAWING BY	DATE	CHECKED BY	DATE
TITLE		SHEET	OF

3/28/80
 4/8/80
 5/2/80
 5/30/80

Data from "Hall" gas wells

Well #	Serial #	Indicated Pressure (PSI)	Calibration Factor	Actual Pressure (PSI)	+ 2.31 ~ Press (ft)	Tip Elevation	Water Level
PP1	1890	8.7	.80	7.9	18.25	6960	6978.25
PP2	1887	5.8	.85	4.95	11.43	6960	6971.43
PP3	1832	2.2	~.95	1.25	2.89	6960	6962.89
PP4	1963	2.5	1.1	1.40	3.23	6962.5	6965.73
PP5	2107	2.0	1.05	0.95	2.19	~6960	6962.19
PP6	1893	2.9	.77	2.13	4.92	6958.5	6963.42
PP7	1987	4.9	.95	3.95	9.12	6961	6970.12
PP1	1890	8.5	.80	7.70	17.79	6960	6977.79
PP2	1887	5.4	.86	4.54	10.49	6960	6970.49
PP3	1832	2.15	~.95	1.20	2.77	6960	6962.77
PP4	1963	2.5	1.1	1.40	3.23	6962.5	6965.73
PP5	2107	2.0	1.05	0.95	2.19	~6960	6962.19
PP6	1893	2.8	.77	2.03	4.69	6958.5	6963.19
PP7	1987	5.4	.95	4.48	10.39	6961	6971.39
PP1	1890	8.4	.80	7.60	17.56	6960	6977.56
PP2	1887	5.55	.86	4.69	10.83	6960	6970.83
PP3	1832	2.05	~.95	1.10	2.54	6960	6962.54
PP4	1963	2.6	1.1	1.50	3.47	6962.5	6965.97
PP5	2107	2.1	1.05	1.05	2.43	~6960	6962.43
PP6	1893	2.9	.77	2.13	4.92	6958.5	6963.42
PP7	1987	5.4	.92	4.48	10.35	6961	6971.35
PP1	1890	8.25	.80	7.43	17.16	6960	6977.16
PP2	1887	5.45	.86	4.59	10.60	6960	6970.60
PP3	1832	2.1	~.95	1.15	2.66	6960	6962.66
PP4	1963	2.8	1.1	1.70	3.93	6962.5	6966.43
PP5	2107	2.25	1.025	1.23	2.84	~6960	6962.84
PP6	1893	2.85	.78	2.07	4.78	6958.5	6963.28
PP7	1987	5.4	.92	4.48	10.35	6961	6971.35

Conclusions... Comments:

Well depth appears to be steady.

COMPANY	DEPARTMENT	JOB NUMBER	DRAWING NUMBER
DRAWING BY	DATE	CHECKED BY	DATE
SHEET			OF

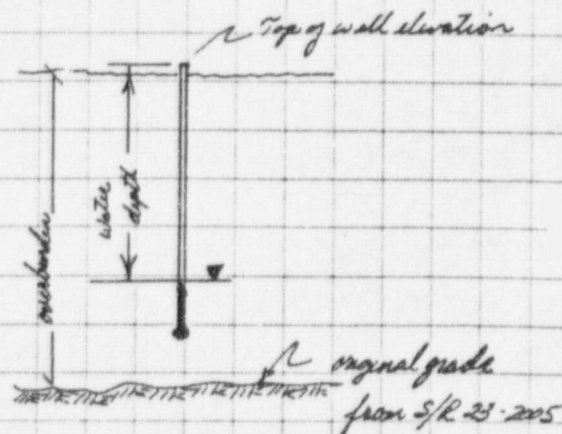
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Lower roadway "Hole" - 3/4" open wells

Well Number	Original Grade	Top of Well Elevation*	Water Depth			
			3/28/80	4/18/80	5/1/80	6/1/80
1P	~6960	6991.75	Slight Reading	27'-6"	27'-4 1/2"	27'-1"
2P	~6940	6988.61	44'-8"	44'-8"	44'-7 1/2"	44'-9"
3P	~6930	6988.34	39'-3"	39'-3"	39'-2"	39'-4"
4P	~6930	6987.82	51'-3"	51'-5"	51'-4 1/2"	51'-6"
5P	~6930	6986.44	20'-6"	20'-7 1/2"	20'-9"	20'-0"
New → 5N	~6930	~				47'-21"
6P	~6930	6984.68	42'-8"	42'-8 1/2"	42'-11 1/2"	43'-2"
7P	~6930	6985.12	Dry	Dry	Dry	Dry
New → 7N	~6930	~				46'-2 1/2"
8P	~6930	6982.77	42'-1"	42'-2"	42'-3 1/2"	42'-6"
9P	~6930	6981.62	Dry		Dry	Dry
New → 9N	~6930	~	Dry			45'-1 1/2"
10P	~6930	6979.43	Dry		Dry	Dry
"BM" 11P	~6930	6980 ← 6977.98	Dry		Dry	40'-3 1/2"
New → 11N	~6930	~				Dry
12P	~6930	6978.87	Dry		Dry	Dry
13P	~6930	6977.01	Dry		Dry	Dry
14P	~6935	6973.76	Dry		Dry	Dry
15P	~6945	6974.40	Dry		Dry	Dry
New → 15N	~6945	~				Dry
16P	~6953	6978.44	Dry		Dry	Dry
17P	~6960	6978.16	17'-7"		17'-6"	17'-5"
18P	~6965	6977.05	Dry		Dry	Dry
19P	~6975	6973.33	9'-6"		9'-7"	9'-5"

* Approx. elevation of top of well

Comment: Water depth appears to be stable in the wells - see last report for data on 2/11/80 & 2/22/80.



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