

INTER-OFFICE MEMORANDUM

SUBJECT: Time-Temperature Survey CW 88-11A      DATE: December 5, 1984  
 at 4550 Foot Depth, Fish Lake (33029)  
 Prospect, Esmeralda County, NV (5265A).

TO:            GT Files

FROM:         H. J. Olson

The following are the raw data from the Time-Temperature Survey at CW 88-11A which was run on December 4, 1984 at a depth of 4,550 feet at the Fish Lake, Nevada prospect.

Maximum Reading Thermometer (MRT) temperatures at a depth of 4,550 feet area as follows:

233°F  
 234°F  
 234°F  
 241°F

The MRT's were lowered to the bottom of the well at 4,571 feet and then raised to the survey depth of 4,550 feet. The 241°F temperature reading may represent a thermometer that reacted more quickly than the other three thermometers to the temperature spike at the bottom of the well.

Results of the December 4, 1984 Time-Temperature Survey are as follows:

<u>Time</u>	<u>Minutes</u>	<u>Travel</u>	<u>Deflection</u>	<u>Temp C</u>	<u>Remarks</u>
0541	0				Bit past 4550'.
1055	314				Circulation ceased.
1512	571				Kuster at 4550'.
1602	621+50	1.219	0.435	94.19	
1612	+60	1.287	0.435	94.19	
1622	+70	1.355	0.437	94.41	
1632	+80	1.423	0.438	94.52	
1642	+90	1.491	0.440	94.74	
1652	+100	1.559	0.441	94.85	

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<u>Time</u>	<u>Minutes</u>	<u>Travel</u>	<u>Deflection</u>	<u>Temp C</u>	<u>Remarks</u>
1702	+110	1.627	0.441	94.85	
1712	+120	1.695	0.442	94.96	
1722	+130	1.763	0.445	95.30	
1732	+140	1.831	0.451	95.96	
1742	+150	1.899	0.455	94.41	
1752	+160	1.967	0.460	96.96	
1802	+170	2.035	0.464	97.40	
1812	+180	2.103	0.473	98.40	
1822	+190	2.171	0.481	99.29	
1832	+200	2.239	0.487	99.96	
1842	+210	2.307	0.494	100.73	
1852	+220	2.375	0.501	100.60	
1902	+230	2.443	0.507	102.23	
1912	+240	2.511	0.516	103.16	
1922	+250	2.579	0.523	103.89	
1932	+260	2.647	0.530	104.62	
1942	+270	2.715	0.537	105.35	
1952	+280	2.783	0.543	105.97	
2002	+290	2.851	0.550	106.70	
2012	+300	2.919	0.557	107.43	
2022	+310	2.987	0.564	108.16	
2032	+320	3.055	0.571	108.88	
2042	+330	3.123	0.577	109.51	
2052	+340	3.191	0.583	110.19	
2102	+350	3.259	0.590	110.85	
2112	+360	3.327	0.596	111.45	
2122	+370	3.395	0.603	112.21	
2128	+376	4.441	0.607	112.63	

  
H. J. Olson

HJO/c