

UNION OIL COMPANY OF CALIFORNIA  
Geothermal Division

Data: Mercury trace analysis  
Source: Drill cuttings from temperature gradient holes  
Sample numbering:

CV-74-3-300A  
CV: Cove Fort project  
74: Year, 1974  
3: Temperature gradient hole number  
300: Depth of sample  
A: Cut of sample

<u>Sample No.</u>	<u>ppb Mercury</u>	<u>Narrative Location</u>
CV-74-1-275A	100	T.26S., R.7W., Sec. 12,
CV-74-1-280A	125	1250' fsl, 2250' fsl
CV-74-1-300A	50	
CV-74-1-300B	75	
CV-74-1-300C	75	
CV-74-2-110A	75	T.25S., R.6W., Sec. 17,
CV-74-2-110B	800	600' fwl, 2350' fsl
CV-74-2-110C	875	
CV-74-3-290A	200	T.25S., R.6W., Sec. 19,
CV-74-3-290B	250	2100' fsl, 50' fwl
CV-74-3-300A	275	
CV-74-3-300B	200	
CV-74-3-300C	125	
CV-74-4- 90A	75	T.25S., R.6W., Sec. 20,
CV-74-4- 90B	300	1450' fsl, 850' fwl
CV-74-5-300A	525	T.25S., R.6W., Sec. 29,
CV-74-5-300B	400	250' fsl, 4400' fwl
CV-74-5-300C	425	
CV-74-6-250A	50	T.25S., R.7W., Sec. 23,
CV-74-6-250B	25	2700' fsl, 150' fsl
CV-74-6-250C	200	
CV-74-8-255A	50	T.25S., R.6W., Sec. 28,
CV-74-8-255B	50	2900' fwl, 1200' fsl
CV-74-8-255C	50	

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 Mercury trace analysis  
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<u>Sample No.</u>	<u>ppb Mercury</u>	<u>Narrative Location</u>
CV-74-9-300A	75	T.26S., R.7W., Sec. 1,
CV-74-9-300B	275	2820' fel, 1350' fnl
CV-74-9-300C	50	
CV-74-10-300A	400	T.25S., R.6W., Sec. 31,
CV-74-10-300B	300	1420' fnl, 440' fwl
CV-74-10-300C	575	
CV-74-11-255A	50	T.26S., R.7W., Sec. 13,
CV-74-11-255B	50	2750' fel, 2650' fsl
CV-74-11-255C	75	
CV-74-12-300A	25	T.25S., R.6W., Sec. 29,
CV-74-12-300B	50	600' fwl, 250' fsl
CV-74-12-300C	50	
CV-74-13-255A	25	T.26S., R.6W., Sec. 7,
CV-74-13-255B	50	600' fel, 750' fsl
CV-74-14-200A	75	T.25S., R.6W., Sec. 21,
CV-74-14-200B	325	4700' fwl, 2300' fsl
CV-74-14-255A	125	
CV-74-14-255B	150	
CV-74-15-200A	25	T.25S., R.5W., Sec. 19,
CV-74-15-200B	25	500' fwl, 700' fsl
CV-74-15-255A	50	
CV-74-16-100A	75	T.25S., R.7W., Sec. 22,
CV-74-16-100B	50	1500' fwl, 1200' fsl
CV-74-16-175A	25	
CV-74-16-175B	75	
CV-74-20-200A	25	T.26S., R.7W., Sec. 30,
CV-74-20-200B	25	10' fel, 1200' fnl
CV-74-21-220A	825	T.26S., R.7W., Sec. 21,
CV-74-21-220B	125	100' fel, 1000' fsl
CV-74-21-220C	75	
CF-76-3-225A	140	T.26S., R.6W., Sec. 20,
CF-76-3-225B	85	800' fnl, 500' fwl
CF-76-3-225C	35	
CF-76-3-250A	50	
CF-76-3-250B	70	
CF-76-3-250C	25	

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UNION OIL COMPANY OF CALIFORNIA  
Geothermal Division

Mercury Analysis of Surface Samples  
Near Cove Fort, Utah  
February 1974

<u>Location #1</u>		<u>Location #2</u>	
T.25S., R.6W., NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 29		T.26S., R.6W., SW $\frac{1}{4}$ , SW $\frac{1}{4}$ , Sec. 7	
<u>Sample No.</u>	<u>ppb Mercury</u>	<u>Sample No.</u>	<u>ppb Mercury</u>
74-3	+10,000	74-1	1,460
74-6	+10,000	74-4	+10,000
74-7	80	74-8	+10,000
74-10	+10,000	74-11	+10,000
74-13	320	74-15	+10,000

<u>Sample No.</u>	<u>ppb Mercury</u>	<u>Narrative Location</u>
CF-76-4-225A	15	T.26S., R.6W., Sec. 20, 1150' fwl, 1550' fsl
CF-76-4-225B	15	
CF-76-4-225C	-10	
CF-76-4-250A	10	
CF-76-4-250B	25	
CF-76-4-250C	10	
CF-76-5-215A	-10	T.26S., R.6W., Sec. 29, 750' fwl, 1950' fnl
CF-76-5-215B	15	
CF-76-5-215C	15	

A minus sign (-) is to be read "less than" and a plus sign (+)  
"greater than".

Item (1)C. .5) Geochemical Surveys

It should be noted that this geochemical survey data is the same as that sent in the Initial Data Shipment.

These analyses were made by Rocky Mountain Geochemical Corporation of Midvale, Utah.