

FIGURE 12. EAST CENTRAL UTAH —  
 THERMAL CONDUCTIVITIES ESTIMATED  
 FROM LITHOLOGIC LOGS VERSUS THERMAL GRADIENT  
 TO SURFACE. POINTS A, B, AND C, ARE TYPICAL  
 VALUES FROM THE PARADOX BASIN, THE UINTA BASIN,  
 AND THE UNCONSOLIDATED MANGOS HIGH GRADIENT AREA,  
 RESPECTIVELY.

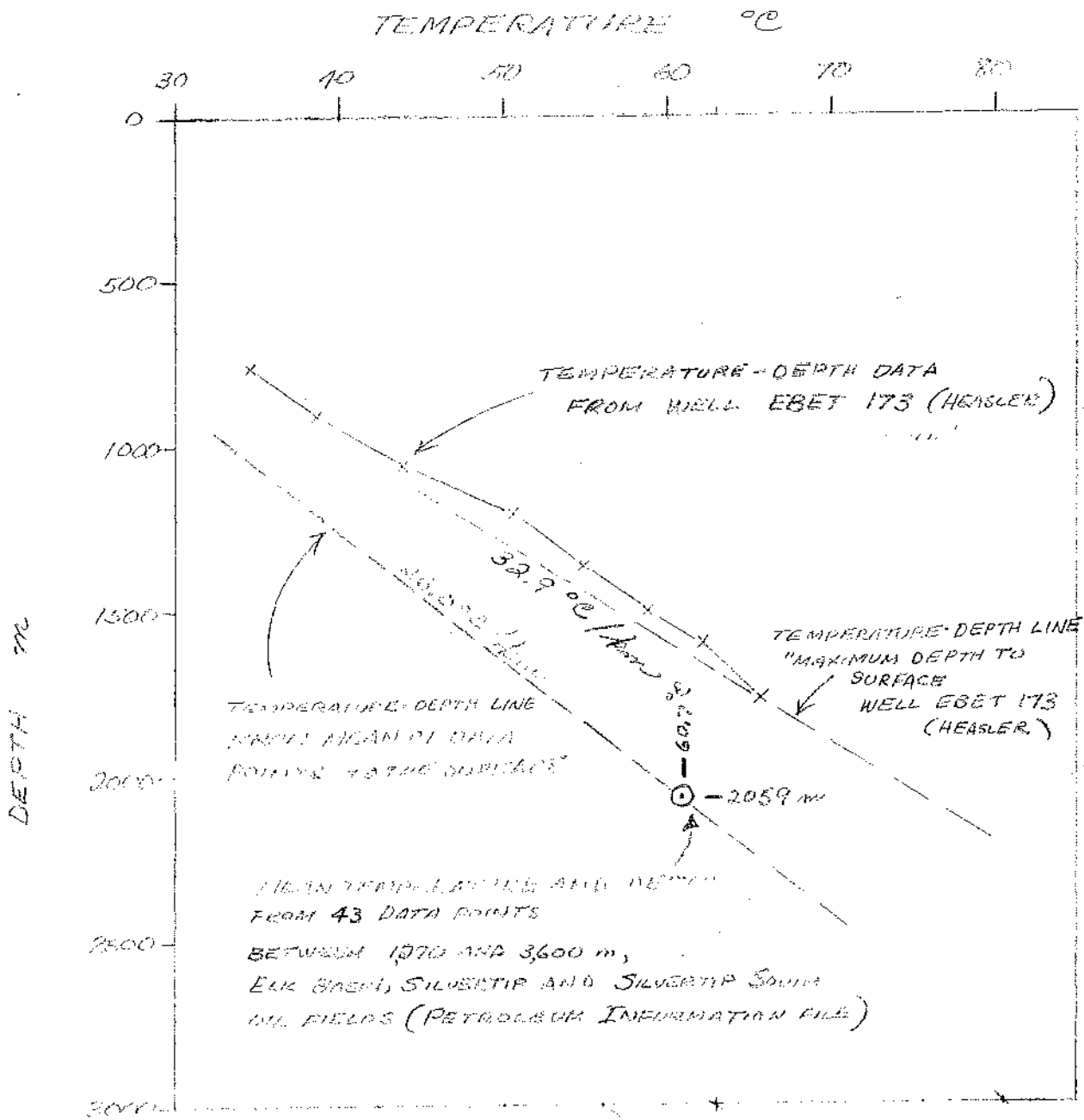


FIGURE 4. Temperature/depth relationships in the Elk Basin, Silvertip and Silvertip South oil fields, Wyoming and Montana.

TEMPERATURE - °C.

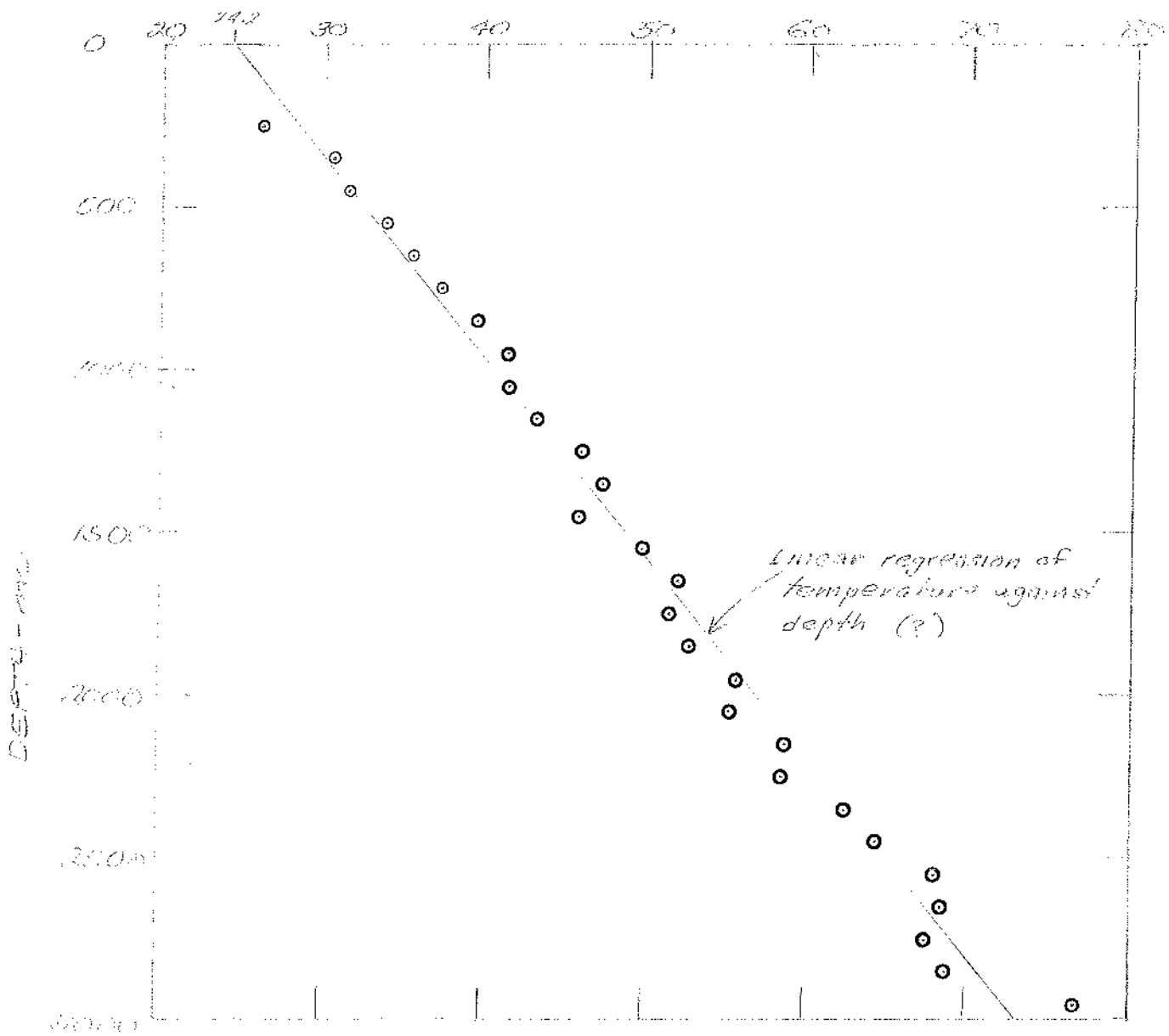


FIGURE 13. BOTTOM-HOLE TEMPERATURES IN EAST-CENTRAL UTAH, AVERAGED OVER 100-m. INTERVALS AND PLOTTED AGAINST DEPTH.



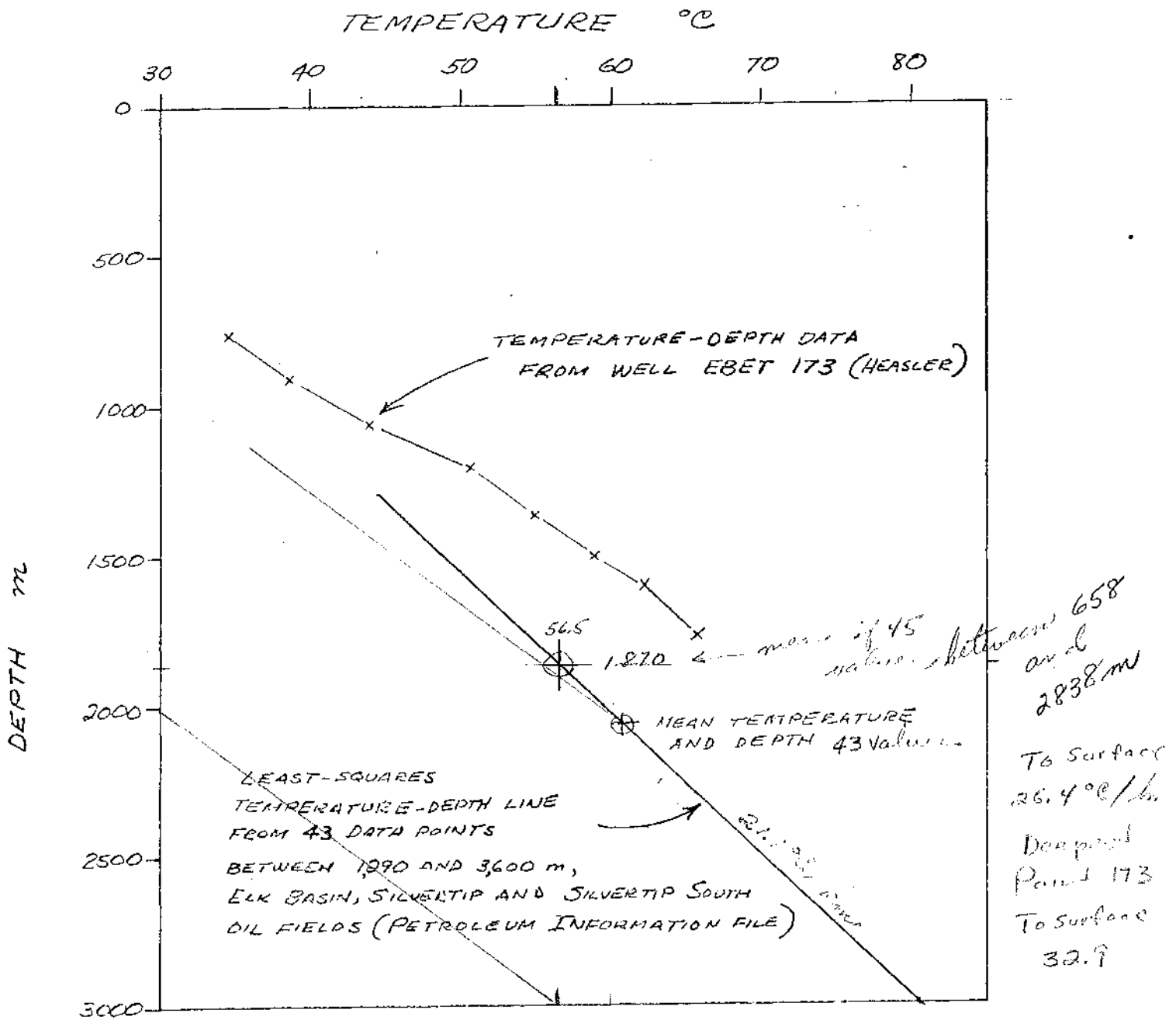


FIGURE 4. Temperature/depth relationships in the Elk Basin, Silvertip and Silvertip South oil fields, Wyoming and Montana.

would have to increase mean by  $^{\circ}\text{C}$   
 to get P to surface same as  
 Handline average for 5 holes ( $31.4^{\circ}\text{C}/\text{km}$ )  
 for 659 (average of  $2.7^{\circ}\text{C}$ )