



Figure 1. — Index map of the White Butte quadrangles, southwestern North Dakota

HEART BUTTE DISCOVERY T.135 N., T.136 N., T.136 N., R.93 W. R.94 W. T.135 N., R.94 W. R.94W. R94W. Sec.10 -Sec. 20 Sec. 20 Sec.14 KIT FOX T. 136 N., R.94 W. R.94 W. T.136 N., R.93 W. _ Sec. 34 Sec. 10 WALKER T. 135 N., R. 94 W. EXPLANATION Brown carbonaceous siltstone or claystone LOCAL 35 feet above base of Sentinal Butte Member T.136 N., R. 93 W. T.135N., R.94 W. Sec. 23 Sandstone and claystone Siltstone and claystone Interval omitted Water well Hand auger hole Locality number of measured surface coal section

DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY

Generalized section showing stratigraphic relationship of the coal beds Chadron Golden Valley Fm. D Discovery bed WD (local) bed W Walker bed Sentinel Butte Q Quip bed Member HQ Local bed H Heart Butte bed F Kit Fox bed Exposed
Subsurface SV Spring Valley bed L Local bed Turtle bed O + HT HT Butte bed B Beaver Creek bed R Red Dog bed M Many Springs bed Local bed K Koehler bed Tongue River Member S Shell bed Sc Schank bed horizon Hu Hummel bed Union Ludlow and Cannonball Members 700 - G Gunsch bed in Texaco Inc. No. I Adam Schank NCT-1, NW 4 SE 4 Sec. 15, T.137 N., Creek Formation

COAL SECTIONS IN THE WHITE BUTTE WEST QUADRANGLE, HETTINGER COUNTY, NORTH DAKOTA

Horth Dakota (White Butte west quad.) Geol 1:24,000, 1977.

