

DIPMETER SURVEY

Results of the four RUNS of the four-arm high resolution dipmeter/deviation survey (HDT) run on wireline by Schlumberger over the entire well are summarized on the composite well log, Enclosure I of this report (in pocket).

Dips are generally low angle throughout the well and confirm the structure anticipated (Figure 6 and 7). From surface down to the shoe of the 13-3/8" casing at 4144' the well bore was washed out, often to greater than 20" in diameter; consequently, no reliable data were recovered in this interval. Dips from the 13-3/8" shoe down to 4900 ft. average 4° to the SW. From 5600 to 5700 ft. dips are 14° to the SW, from 5700 to 7500 ft. 8° to the NW, and from 7500 to 8400 ft. 2° to the north. There are no reliable dips from 8400 to 9600 ft. Dips from 9600 to 9800 ft. are approximately 14° to the NE. No reliable data are available from 9800 to 10,100 ft. 20° dips to the NE are present from 10,100 to 11,300 ft., and no reliable data exist from that depth to TD.