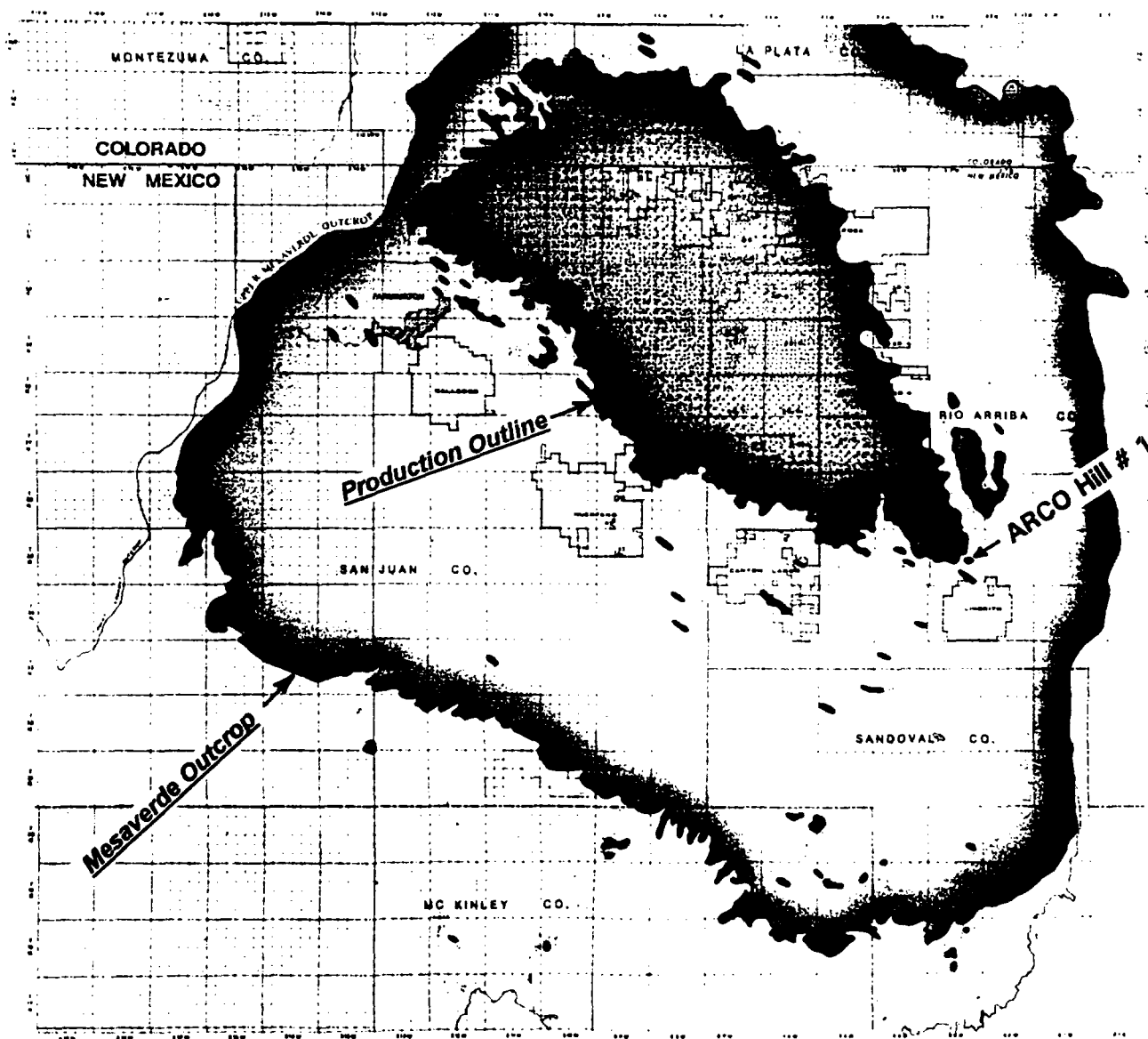


Exhibit 5



MERIDIAN OIL INC.

Farmington Region

ARCO Hill # 1 Prospect

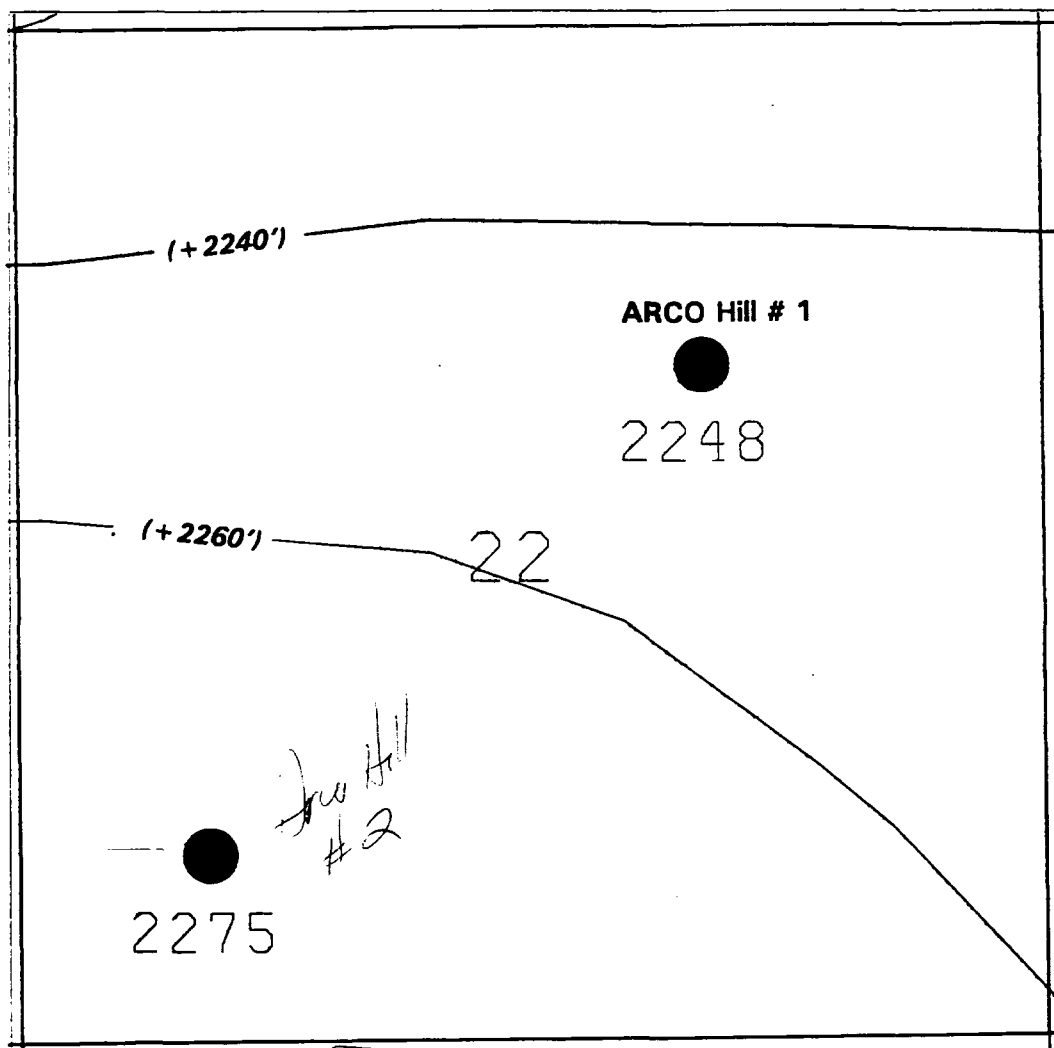
Sec. 22, T.25N., R.3W.

MESAVERDE PRODUCTION OUTLINE

San Juan Basin

B.B. Hobbs

10/95



MERIDIAN OIL INC.

Farmington Region

ARCO Hill # 1 Prospect

Sec. 22, T.25N., R.3W.

STRUCTURE CONTOUR MAP

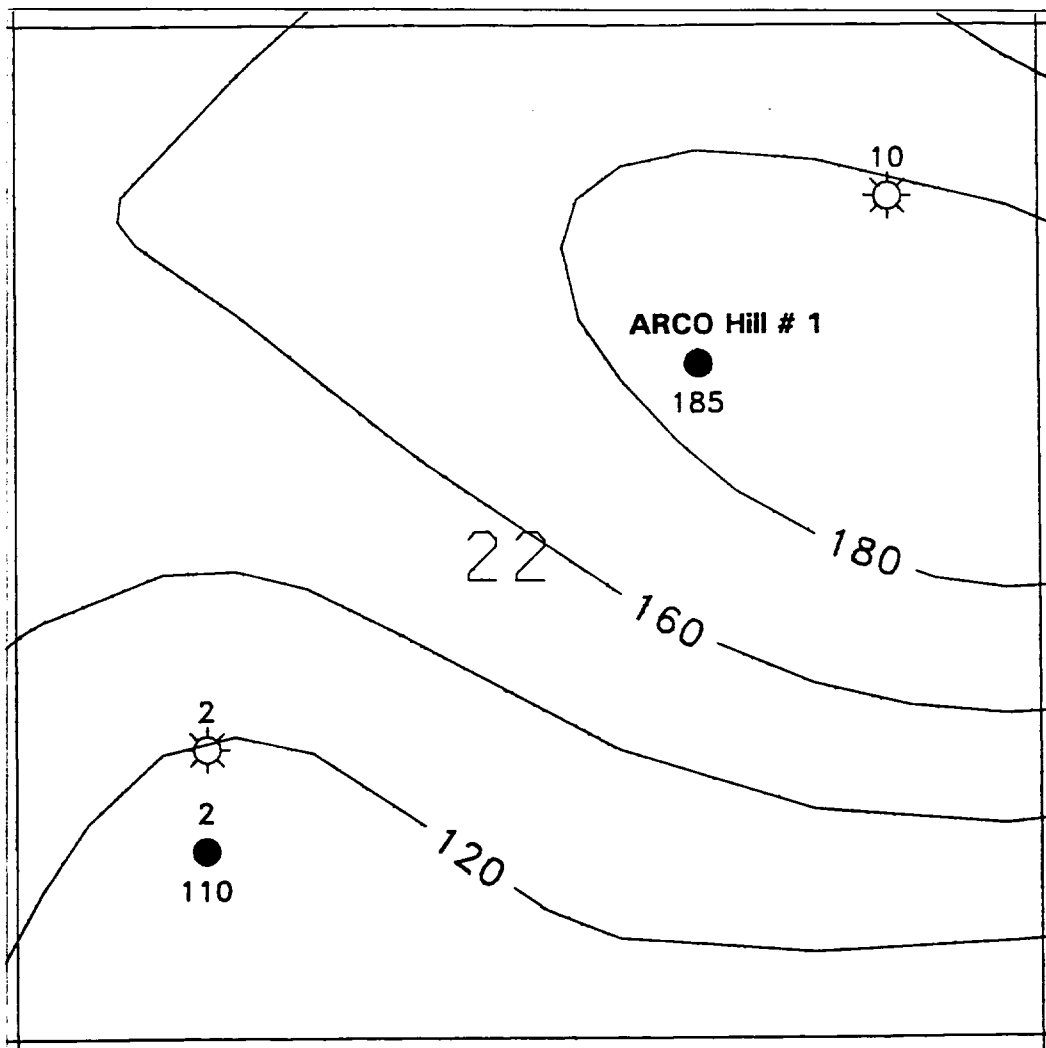
Middle Lewis Time Strat Marker (315' above top Mesaverde)

Scale : 1" = 1000' (H)

B.B. Hobbs, S. Nez

Contour Interval = 20'

10/95



MERIDIAN OIL INC.

Farmington Region

ARCO Hill # 1 Prospect

Sec. 22, T.25N., R.3W.

GROSS CLEAN MESAVERDE SS. ISOPACH

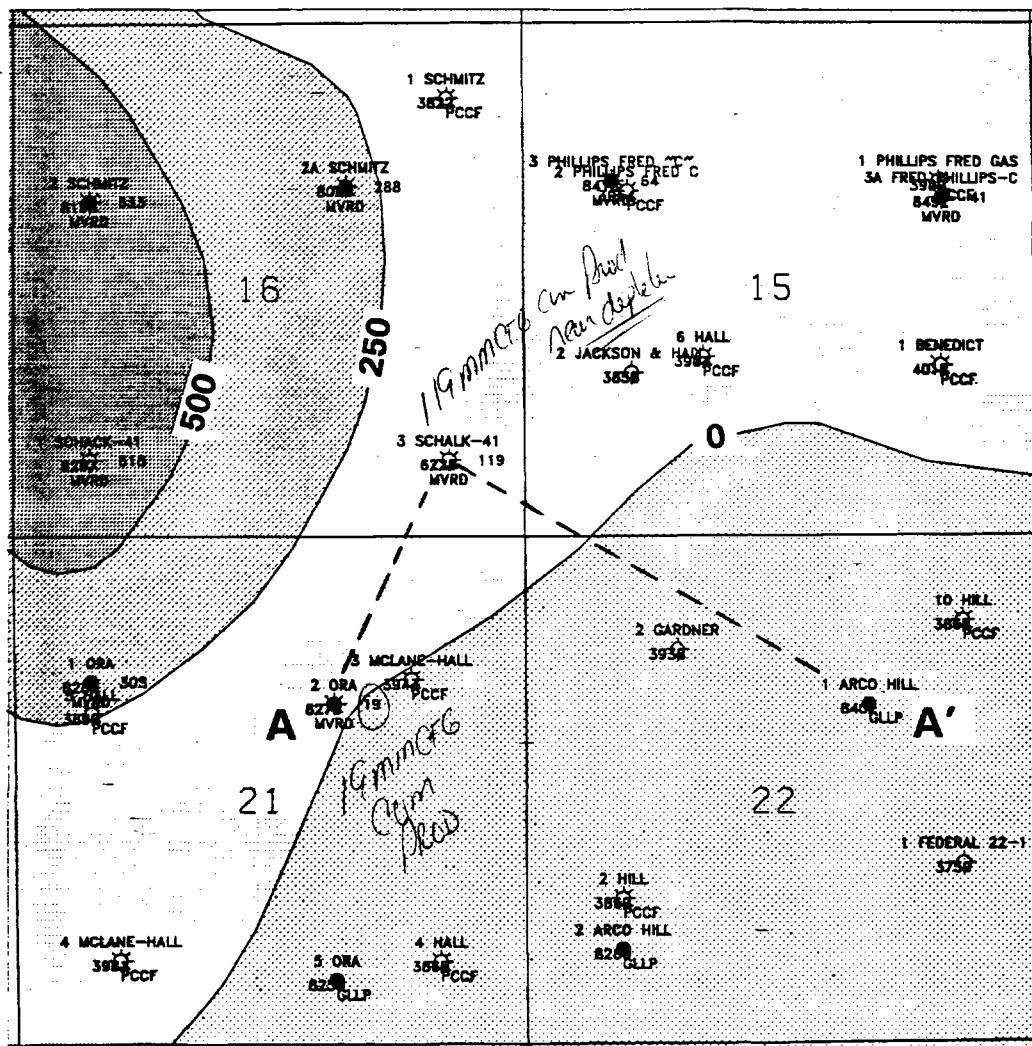
Sandstone with GR < 70 API

Scale : 1" = 1000' (H)

B.B. Hobbs, S. Nez

Contour Interval = 20'

10/95



MERIDIAN OIL INC.

Farmington Region

ARCO Hill #1 Prospect

Sec. 22, T.25N., R.3W.

MESAVERDE CUMULATIVE PRODUCTION

Isopach

Scale : 1" = 1000' (H)

Contour Interval = 250 MMCFG

B.B. Hobbs, S. Nez 10/95

STRATIGRAPHIC CROSS-SECTION A-----A'

Cumulative Production Value is on Right side of Well Symbol