OKLAHOMA GEOLOGICAL SURVEY

Jeremy Boak, LeRoy A. Hemish

and the Arkansas Geological Commission

ATOKA FORMATION (PENNSYLVANIAN) – Predominantly silty, brown to gray to grayish-black, impure, fossiliferous limestone (outcrop shown by X on map) occur at different locations in the shale

HARTSHORNE FORMATION (PENNSYLVANIAN) – Brown to very light-gray, very fine-grained, split into upper and lower sandstones separated by shale. Two named, brown, fine-grained, thin-

SAVANNA FORMATION (PENNSYLVANIAN) – Predominantly brown to olive-gray to dark-gray bedded sandstone, shaly sandstone, siltstone, sandy shale, and shale, not mapped separately.

TERRACE DEPOSITS (QUATERNARY) – Subangular to subrounded cobbles, gravel, sand, and silt, forming a veneer, generally about 4-10 ft thick, on the surfaces of terraces that stand about 40-50 ft

BOGGY FORMATION (PENNSYLVANIAN) – Predominantly grayish-green, fine- to medium-grained, above the beds of present-day streams

MARKER BED

INDEX TO MAPPED QUADRANGLES

LOCATION OF QUADRANGLES

INDEX TO MAPPED QUADRANGLES

LIST OF WELLS DRILLED BEFORE JANUARY 1, 1946

(continued)

SNEE & EBERLY 1 ASKEW, SPOD 6/1/69, TD 8,817’

KING RESOURCES 1-25 ZEPHENHAR, SPOD 9/20/69, TD 9,170’

AMOCO PRODUCTION CO. 2 PARKS UNIT B, SPOD 10/13/85, TD 12,569’

JMC EXPLORATION 2 FLEENOR, SPOD 7/23/87, TD 8,400’

AMOCO PRODUCTION CO. 2 BELL HEIRS UNIT, SPOD 1/2/88, TD 8,103’

HADSON PETROLEUM CORP. 1-17 CLAIBORN, SPOD 1/23/81, TD 9,340’

AMOCO PRODUCTION CO. 2 SMALLWOOD UNIT A, SPOD 2/2/87, TD 7,500’

GOSPEL PETROLEUM 1 WADE, SPOD 8/16/66, TD 10,192’

MOBIL OIL CO. 2 GLADYS C. PATE UNIT, SPOD 5/16/89, TD 8,904’

AMOCO PRODUCTION CO. 2 MABRY UNIT, SPOD 5/28/85, TD 3,492’

MIDWEST OIL CORP. 1 MABRY, SPOD 5/20/64, TD 8,150’

MIDWEST OIL CORP. 1 SMALLWOOD, SPOD 10/20/62, TD 7,150’

SYMBOLS

INDEX OF WELL SITES SHOWN ON JANUARY 1, 1946

GEOLOGIC MAP OF THE LEFLORE 7.5' QUADRANGLE, LATIMER AND LE FLORE COUNTRIES, OKLAHOMA

LeRoy A. Hemish

1991