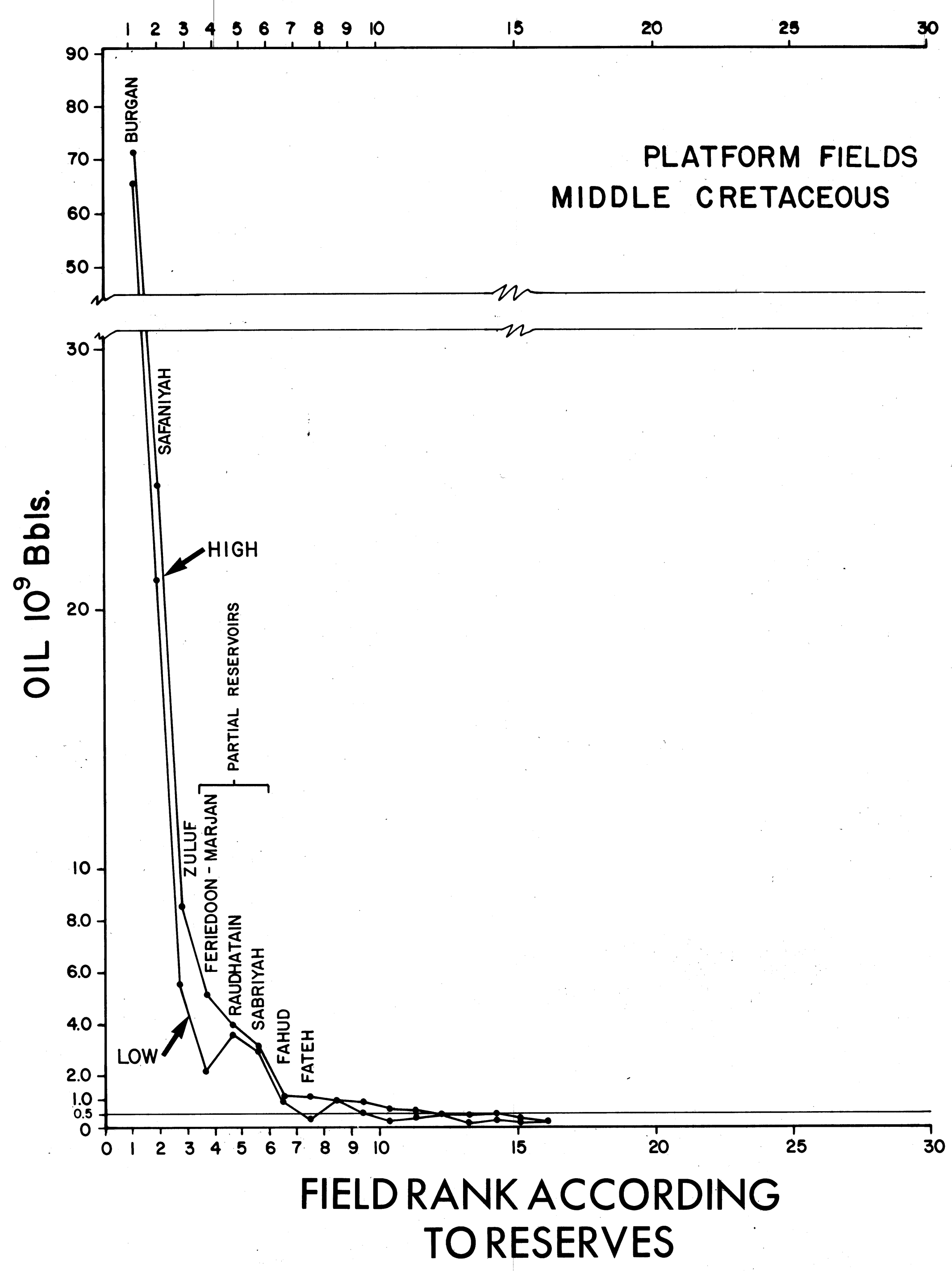
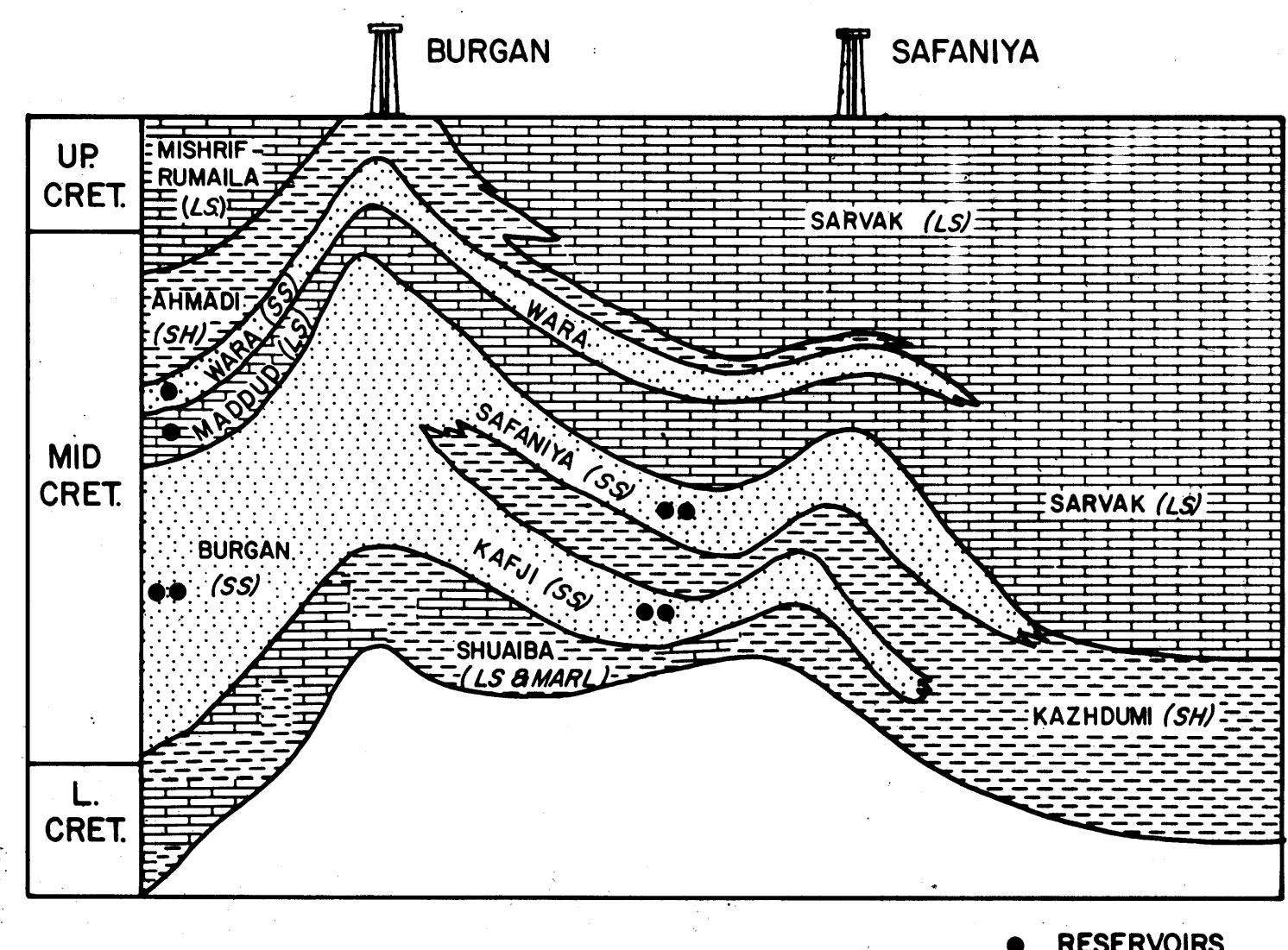


LEGEND

- MIDDLE CRETACEOUS PRINCIPAL RESERVOIR (OIL)
- MIDDLE CRETACEOUS PARTIAL RESERVOIR (OIL)
- DELTA SANDSTONES (W/AHMADI AND KAZHDUMI CAP)
- MATURE KAZHDUMI-SHUAIBA-NAMR UMR (THICKNESS IN FEET)



WESTERN PART OF SECTION II



SUMMARY OF GEOLOGICAL AND PRODUCTION DATA
PLATFORM FIELDS (MIDDLE CRETACEOUS)

RESERVOIRS	ALBIAN TO CENOMANIAN - MARA, SAFANIYA, KAFJI, BURGAN (SANDS)	
	- MADDUD, MISHRIFF (CARBONATES)	
RESERVES	95% SANDSTONE (DELTA, ALLUVIAL, REGRESSIVE)	
	OIL - 10 ⁹	GAS TCF
RESERVES	PRODUCED 24.0	?
	PROVEN & PRODUCED (LOW) 115.0	90.0*
	POSSIBLE, PROVEN & PRODUCED (HIGH) 131.0	160.0*
RESOURCES	ULTIMATE	
SOURCE	ALBIAN - (KAZHDUMI SHALE)	
	ALBIAN/ALTIAN - (SHUAIBA LIMESTONE - MARL)	
CAP	(SHALES) AHMADI/ARUMA (MIDDLE CRETACEOUS)	
TIME OF MATURATION	EARLY TERTIARY (SEE SECTION II AND III)	
TIME OF TRAP FORMATION	1ST PHASE LATE CRETACEOUS	
	2ND PHASE LATE TERTIARY	
	MECHANICS: FORELAND (CRATON) REACTION TO PLATE COLLISION - MOVEMENT ON PRE-EXISTING TRENDS, SALT ASSIST.	
MIGRATION	TIME: MIDDLE TERTIARY TO RECENT (SEE SECTION II AND III)	
	MODE: MAINLY LATERAL (SOME LEAKAGE TO OVERLYING AND INTERBEDDED CARBONATES)	
EXPULSION EFFICIENCY	15% - 20% (IN NORTH)	

*MAINLY ASSOCIATED

This map was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards and stratigraphic nomenclature. Opinions and conclusions expressed herein do not necessarily represent those of the USGS.

International boundary representation is not necessarily authoritative.

PLATFORM MIDDLE CRETACEOUS RESERVOIR FIELDS
OIL AND GAS MAPS AND SECTIONS OF THE ARABIAN - IRANIAN BASIN

By
H. Douglas Klemme
1984

(INFORMATION AS OF 1980)

