AGE		IRAQ, S.W. IRAN, KUWAIT	SAUDI ARABIA	QATAR	UNITED ARAB EMIRATES (ABU DHABI)	OMAN	ZAGROS FOLD BELT
QUATERNARY		GRAVEL, SAND	GRAVEL, SAND		(CB)	GRAVEL, CB	GRAVEL
TERTIARY	PLIOCENE	DIDIBBA (ss, cgl)	HOFUR (ss)	LOWER FARS (an, cb, sh)	GACHSARAN (an, cb, sh)	FARS (cb, an, sh)	BAKHTYARI (cgl, sh)
	MIOCENE	LOWER FARS (an, sh)	DAM (an, cb)				AGHA JARI-MISHAN (ss, sh)
	OLIGOCENE	GHAR (ss)	GHAR/HADRUKH (ss,sh)	ASMARI (cb)	ASMARI (cb)		GACHSARAN (an, cb, sh)
	EOCENE	DAMMAM (cb)	DAMMAM (cb)	DAMMAM (cb)	DAMMAM (cb)	DAMMAM (cb)	ASMARI (cb)
		RUS (any) ■	RUS (an) ■	RUS ■ ●	RUS (an, cb) ■	RUS (an, cb) ■	PABDEH (sh) ■ / JAHRUM (cb, sh)
	PALEOCENE	UMM ER RADHUMA (cb) ●	UMM ER RADHUMA (cb) ●	UMM ER RADHUMA (cb)	UMM ER RADHUMA (cb)	UMM ER RADHUMA (cb, ss)	
CRETACEOUS	UPPER (CONIACIAN-MAESTRICHTIAN)	ARUMA/SHIRANISH (cb, sh) ● ◆	ARUMA (cb, sh) ● ■	ARUMA (cb, sh)	ARUMA ● ■	SIMSIMA (cb, sh) FIQA (cb, sh)	GURPI (sh) ■ ◆ ILLAM (cb) ●
	MIDDLE (ALBIAN-TURONIAN)	WASIA GP.: MISHRIF (cb, sh) ●	WASIA GP.: MISHRIF (cb) ●	WASIA GP.: MISHRIF (cb)	WASIA GP.: MISHRIF ●	NATIH ▲ ◆ (cb, sh)	SARVAK (cb, sh)
		RUMAILA (sh, cb)	RUMAILA (sh, cb) ● ■	AHMADI (cb, sh) ●	SHILAIF ◆		
		AHMADI (cb, sh)	AHMADI (cb, sh) ● ■	MAUDDUD (cb)	MAUDDUD ■		KAZHDUMI (sh) ■ ◆
		WARA (ss, cb, sh) ● ◆	WARA (ss, cb, sh) ◆ ● ■	NAHR UMR (sh) ● ◆	NAHR UMR (sh) ◆	NAHR UMR (sh, cb) ■	DARIYAN (cb, sh) ▲ ■
		MAUDDUD (cb) ●	MAUDDUD (cb) ●				GADVAN (sh) ◆
		SAFANIYA (ss, sh)	SAFANIYA (ss, sh) ● ■				FAHLIYAN (cb, sh)
		BURGAN / NAHR UMR (ss, sh) ● ◆	KHAFJI (ss) ●				
	LOWER (BERRIASIAN-APTIAN)	THAMAMA GP.: SHU'AIBA (cb) ◆	THAMAMA GP.: SHU'AIBA (cb) ◆	THAMAMA GP.: SHU'AIBA (cb) ◆ ●	THAMAMA GP.: SHU'AIBA (cb) ◆ ●	SHU'AIBA (cb) ▲ ●	
		ZUBAIR (ss) ◆ ●	BIYADH (ss, sh) ●	KHARAIB / RATAWI (cb, sh) ◆	KHARAIB (cb) ●	KHARAIB (cb, sh)	
		RATAWI (cb, sh) ◆	BUWAIB (sh, cb) ■	YAMAMA (cb)	LEKHWAIR (cb) ●	LEKHWAIR (cb, sh)	
		MINAGISH (cb)	YAMAMA (cb) ■	SULAIY (cb)	HABSHAN (cb)	HABSHAN (cb)	
		MAKHUL (cb, sh)	SULAIY (cb, ss) ◆				
JURASSIC	UPPER	HITH (an) ■	HITH (an) ■	HITH ■	HITH (an, cb) ● ■		HITH (an, cb)
		GOTNIA (an, salt) ■ ◆	ARAB (cb, an) A ● B ■ ● C ■ ● D ■ ●	QATAR (cb) ●	ARAB (cb, an) ● ■	JUBAILA (cb)	SURMEH – SARGE LU ◆
			JUBAILA (cb)	FAHAHIL (cb)			
		NAJMAH (cb) ◆	HANIFA (cb, sh) ◆ ●	DIYAB (cb) ● ◆	DIYAB (cb, sh) ◆ ●	HANIFA (cb)	
			TUWAIQ MTN. ◆ ●			TUWAIQ MTN. (cb)	
	MIDDLE	SARGE LU (sh, cb) ◆	DHRUMA (cb) ● ■ ◆	ARAEJ (cb) ■ ● ◆	ARAEJ (cb) ▲ ●	DHRUMA (cb) ■	NEYRIZ (sh, cb)
	LOWER	ALAN (cb, an) MUS (cb) ADAIYAH/BUTMAH (cb)	MARRAT (cb) ● ■ ◆	IZHARA (cb) MARRAT (cb)	IZHARA (cb, sh) ◆ HAMLAH (cb)	MARRAT ● ◆	
TRIASSIC		BALUTI (sh, ss) KURRA CHINE (cb) JILH/GELIKHANA (cb, an)	MINJUR (ss, cb, sh)	MINJUR (ss)	MINJUR (ss, sh, cb) ◆	JILH (cb, an)	DASHTAK (an, cb, sh)
			JILH (cb, an, ss)	JILH cb, an, sh	GULAILAH (cb, sh) ◆		
		SUDAIR (sh, cb, an)	SUDAIR (sh, cb, an) ■	SUDAIR (sh, cb, an) ■	SUDAIR (cb, an, sh) ■	SUDAIR (cb) ■	KANGAN (cb) ● ?
PERMIAN		KHUFF (cb, ss)	KHUFF (cb) ▲	KHUFF (cb) ▲	KHUFF (cb, an) ▲	KHUFF (cb) ▲ ●	DALAN (cb, an) FARAGHAN (ss)
CARBONIFEROUS		WAJID (ss) NIJILI ? (sh) ◆	WAJID (ss, sh)	WAJIDBERWATH (ss, sh)	WAJID (ss)	HAUSHI GROUP (ss, cb, sh) ▲ ●	? ◆
DEVONIAN		?	JAUF (sh, cb, ss) TAWIL (ss)	JAUF (ss, cb) TAWIL (ss)	? ◆		? ◆
SILURIAN				ss, sh ? ◆		? ◆ ●	
ORDOVICIAN		KHABOUR (sh, ss)	TABUK (sh, ss) (sh, ss)	?	?	HAIMA GROUP (ss, cb, sh)	
CAMBRIAN		ss	SAQ (ss)				MILA GROUP (cb, ss, sh)
							LALUN (ss)
INFRA-CAMBRIAN		?	JUBAYLAH (cgl, ss, sh)			HUQF GP.: ARA (salt) ■ / BUAH (cb) ● ◆ / SHURAM (ss, cb) ◆ / KHUFA (cb) / ABU MAHARA (ss)	HORMUZ (salt) ?
PRECAMBRIAN		BASEMENT COMPLEX	BASEMENT COMPLEX	?	?	BASEMENT COMPLEX	?

● OIL PRODUCTION ▲ GAS PRODUCTION ◆ SOURCE ROCK ■ SEAL

This report is preliminary and has not been reviewed for conformity with U.S. Geological editorial standards (and stratigraphic nomenclature).

Figure 4.--Generalized correlation chart of the Middle East region. Sources of information: James and Wynd (1965), Powers and others (1966), Setudehnia (1978), Ibrahim (1979), Ricateau and Riche (1980), Berberian and King (1981), Koop and Stoneley (1982), Ayres and others (1982), Grunau (1982), Harris and others (1984), Hassan and Azer (1985), Alsharkan and Kendall (1986), Al-Laboun (1986). Lithology abbreviations: (SS) sandstone, (SH) shale, (CB) carbonate, (AN) anhydrite.