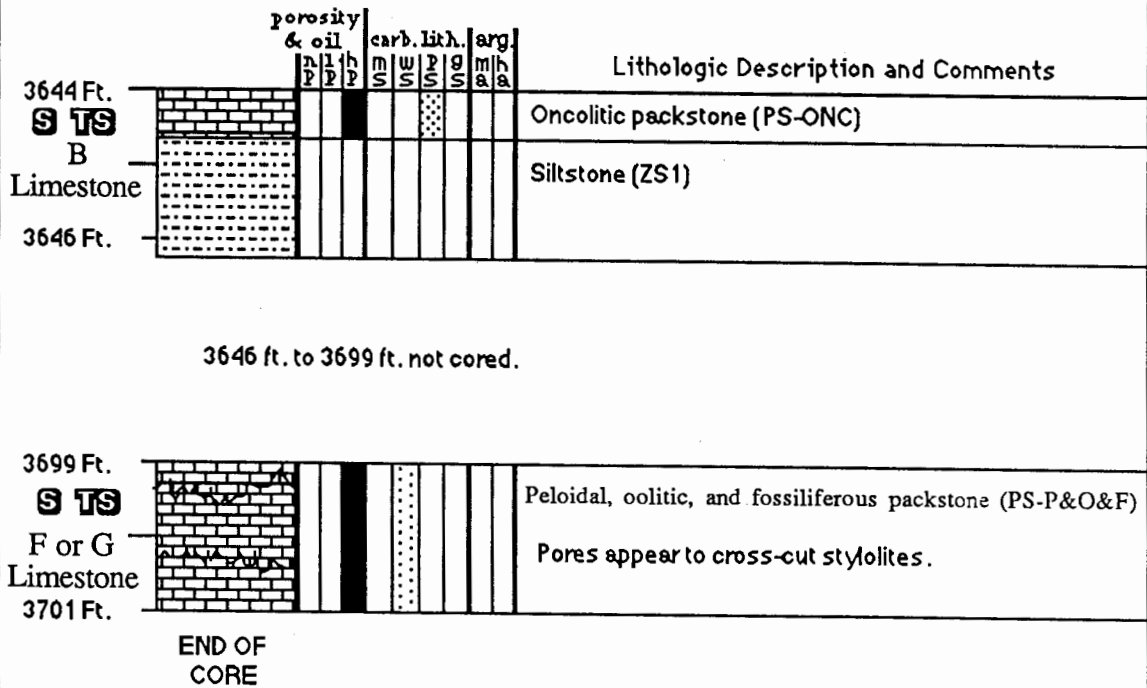


SW SW NW, Section 35-T5S-R27W
Decatur County, Kansas



porosity & oil			carb. lith.				arg.
p	h	p	m	w	g	s	m
p	p	p	s	s	s	s	a

Lithologic Description and Comments

LITHOLOGY CLASSIFICATION

After the written description of each stratum, the lithology is classified by an abbreviated classification in parenthesis.

Carbonate Lithologies

- (MS-) Carbonate Mudstone
- (PS-) Carbonate Packstone
- (WS-) Carbonate Wackestone
- (GS-) Carbonate Grainstone
- (DOL-) Dolostone
- (LM-SH-) Limey Shale (Highly argillaceous microstylolitized carbonate *in text*)

Modifiers to Carbonate Lithologies

- (-F) Fossiliferous
- (-P) Peloidal
- (-LM) Laminated
- (-O) Oolitic
- (-ONC) Oncolitic
- (-FR) Fractured
- (-MS1) Microstylolites (less argillaceous) (microstylolitized carbonate *in text*)
- (-MS2) Microstylolites (more argillaceous) (argillaceous microstylolitized carbonate *in text*)
- (-B) Autoclastic Brecciation
- (-RSH) Infilling by Gray-Colored Shale
- (-OSH) Infilling by Red-Colored Shale

} Clayey infill
in text

Shales

(SH-) Shale

Modifiers to Shales

- (-Z) Silty
- (-GG) Gray-Green
- (-F) Fossiliferous
- (-DG) Dark Gray
- (-RB) Red-Brown
- (-BL) Black
- (-MC) Contains Microcrystalline-Calcite Nodules

Other Lithologies

- (SS1-) Very-fine grained Sandstone
- (ZS-) Siltstone

