



Core Lab
RESERVOIR OPTIMIZATION

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VERTICAL SCALE
1 : 48

Job No. 090180
MSS 25

LITHOLOGY

SANDSTONE	CALCLITIC / DOLOMITIC	PYRITE NODULES	EROSIONAL CONTACT	CORING INDUCED FRACTURE
MUDDY SANDSTONE	FRACTURE	BURROWS	GRADATIONAL CONTACT	OPEN/CLOSED NATURAL FRACTURE
SILTSTONE	CARBONATE GRAINS	SOFT SEDIMENT DEFORMATION	SEPTARIAN NODULES	MINERALIZED FRACTURE
SHALE	SHELL/SKELETAL FRAGMENTS	CARBONACEOUS DETRITUS	AMMONOIDS	CaCO ₃ REACTION
SILTY SHALE	BEDDED CHERT	WAVY DISCONTINUOUS BEDDING	BRACHIOPODS	PROFUSE
LIMESTONE	CHERT NODULES	HARDGROUND	FLUORAPATITE	MODERATE
DOLOSTONE	CHERT LAYERS	CONCRETIONS	ENCHINODERMS	MINOR

SAMPLE LOCATION

□ - THIN SECTION
X - XRAY
△ - SCAL (MAY INCLUDE ROCK MECHANICS, PROPPANT EMBEDMENT, ACOUSTIC ANISOTROPY, GEOCHEMISTRY, GRI, FRACTURE CONDUCTIVITY, AND/OR FLUID SENSITIVITY)

CORE LEGEND

PYRITE NODULES	EROSIONAL CONTACT	CORING INDUCED FRACTURE	FINNING UPWARD
BURROWS	GRADATIONAL CONTACT	OPEN/CLOSED NATURAL FRACTURE	COARSENING UPWARD
SOFT SEDIMENT DEFORMATION	SEPTARIAN NODULES	MINERALIZED FRACTURE	
CARBONACEOUS DETRITUS	AMMONOIDS	CaCO ₃ REACTION	
WAVY DISCONTINUOUS BEDDING	BRACHIOPODS	PROFUSE	
HARDGROUND	FLUORAPATITE	MODERATE	
CONCRETIONS	ENCHINODERMS	MINOR	
	FINNING UP BED	NONE	

CORE DESCRIPTION PANEL

PETROLEUM DEV CORP

ARMSTRONG #1

COURT HOUSE FIELD

TAYLOR COUNTY, WEST VIRGINIA

PANEL 1 OF 2