

REMARKS		Drilling Time and Sample Log		Geological Log	
				Company	Mull Drilling Company, Inc.
LEASE		FIELD	Weld	SEC	13
SAMPLES TAKEN FROM		LOCATION	1600' FFL TO 174' FFL	SECTION	TWENTY
CONTRACTOR		COUNTY	Sumner	RECE	27W
SPUD		STATE	Kansas		
RTD		SPUD DATE	8/22/10	TIME	8:30 AM
4335'		TO	3746'	TO	4336'
MUD UP 3746' - 3146' TYPE MUD		DRILLING TIME	8:30 AM	ELEVATIONS	2428 KB
SAMPLES SAVED FROM		3400'	TO	RTD	
DRILLING TIME KEPT FROM		1530'	TO	RTD	
SAMPLES EXAMINED FROM		3400'	TO	RTD	
GEOLOGICAL SURVEY FROM		3610'	TO	RTD	
GEOLOGIST ON WELL		Petroleum Geologist	P.G.		
FORMATION TOTALS		LOG	Sample No.		
Aptonian		1850'	1850'		
Limestone		3193'	3193'		
Shark Bed		3193'	3193'		
Spicke		3182'	3182'		
Limestone		3182'	3182'		
Shark Bed		3182'	3182'		
Ft. Scott		3180'	3180'		
Chautauqua		3180'	3180'		
Kansan		3180'	3180'		
Hickory		3180'	3180'		
Prairie		3180'	3180'		
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