

WELL LOGS

API number:	30-025-36492		
OGRID:		Operator:	MACK ENERGY CORP
		Property:	PANTHER FEDERAL # 5

surface	ULSTR:	M	31	T	17S	R	32E
			2310	FSL	1525	FEL	

BH Loc	ULSTR:	M	31	T	17S	R	32E
			2310	FSL	1525	FEL	

Ground Level:	3848	DF:	3863	KB:	3864	
Datum:	KB			TD:	5263	

Land:	FEDERAL	Completion Date: (1)	1/20/2004	
		Date Logs Received:	3/2/2004	***Late***
		Date Logs Due in: (2)	2/9/2004	

Confidential:	NO			Date out:		
---------------	----	--	--	-----------	--	--

Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD	200	5213	Three Detector Litho Density
	2211	5223	Azimuthal Laterolog

OCD TOPS

Rustler	930	Strawn		
Tansill		Atoka		
Yates	2333	Morrow		
7 rvs	2768			
	3204	Austin		
	3247	Chester		
Queen	3401	Miss Lime		
Penrose				
Grayburg	3853			
San Andres	4383			
Glorieta				
Paddock				
Blinebry				
Tubb				
Drinkard				
Abo				
Wolfcamp				