

WELL LOGS

K Z

API number:	30-025-36746		
OGRID:		Operator:	NADEL & GUSSMAN PERMIAN LLC
		Property:	TOMAHAWK STATE # 1

surface	ULSTR:	P	19	T	13S	R	32E
			660	FSL		660	FEL

BH Loc	ULSTR:	P	19	T	13S	R	32E
			660	FSL		660	FEL

Ground Level:	4371	DF:	4389	KB:	4390	
Datum:	KB			TD:	11660	

Land:	STATE	Completion Date: (1)	8/24/2004
		Date Logs Received:	10/4/2007
		Date Logs Due in: (2)	9/3/2004

Confidential:	NO			Date out:		
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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 CN/GR	200	11561	Three Detector Litho-Density
HRLA	3995	11539	High Resolution Laterolog

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OCD TOPS

Rustler	1450	Strawn	10272	
Tansill		Atoka	10797	
Yates	2310	Morrow	11134	
7 rvrs				
		Austin		
		Chester	11412	
Queen	3050	Miss Lime		
Penrose				
Grayburg				
San Andres	3698			
Glorieta	5514			
Paddock				
Blinbry				
Tubb	6589			
Drinkard	6896			
Abo	7380			
Wolfcamp	8738			