

WELL LOGS

K Z

API number:	30-025-38203		
OGRID:		Operator:	MACK ENERGY CORP
		Property:	RAVEN STATE # 4

surface	ULSTR:	E	9	T 18S	R 34E
			2310	FNL	330 FWL

BH Loc	ULSTR:	E	30	T 15S	R 35E
			1980	FNL	660 FWL

Ground Level:	4052	DF:	4069	KB:	4070
Datum:	KB			TD:	13100

Land: **STATE** Completion Date: (1) **2/22/2007**
 Date Logs Received: **5/9/2007** ***LATE***
 Date Logs Due in: (2) **3/14/2007**

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	9448	Three Detector Litho-Density
HRLA	3288	9448	High Resolution Laterolog

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OCD TOPS

Rustler	1793	Strawn		
Tansill		Atoka		
Yates	3206	Morrow		
Seven Rivers	3646			
	4064	Austin		
	4155	Chester		
Queen	4365	Miss Lime		
Grayburg	4864			
San Andres	5116			
Delaware Sd	5565			
Bone Spring	6038			
1st Sd	7423			
2nd Carb	7760			
2nd Sd	8240			
3rd Carb	8470			
3rd Sd				
Wolfcamp				