

# WELL LOGS

K z

API number:	<b>30-025-40577</b>		
OGRID:		Operator:	<b>MACK ENERGY CORP</b>
		Property:	<b>PINTAIL FEDERAL # 2</b>

surface	ULSTR: <b>N</b>	<b>8</b>	T <b>17S</b>	R <b>32E</b>
		<b>330 FSL</b>	<b>2110 FWL</b>	

BH Loc	ULSTR: <b>N</b>	<b>8</b>	T <b>17S</b>	R <b>32E</b>
		<b>330 FSL</b>	<b>2110 FWL</b>	

Ground Level:	<b>4032</b>	DF:	<b>4048</b>	KB:	<b>4049</b>
Datum:	<b>KB</b>			TD:	<b>4710</b>

Completion Date: (1) **8/13/2013**

Date Logs Received: **10/4/2013** \*\*\*LATE\*\*\*

Date C105 Received: **10/4/2013** \*\*\*LATE\*\*\*

Date Logs/C105 Due in: (2) **9/2/2013**

Land: **FEDERAL**

Confidential:	<b>NO</b>		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		
<b>TD LD CN/GR</b>	<b>200</b>	<b>12585</b>	Three Detector Litho-Density
<b>HRLA</b>	<b>4198</b>	<b>12585</b>	High Resolution Laterolog
<b>BHC</b>	<b>4198</b>	<b>12518</b>	Borehole Compensated Sonic
	<b>11658</b>	<b>12244</b>	Mechanical Sidewall Coring Tool
	<b>11630</b>	<b>12430</b>	Formation Micro Imager
			Hostile Natural Gamma Ray Spectroscopy
<b>CBL</b>			

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## OCD TOPS

Rustler	815	Strawn		
Tansill	1985	Atoka		
Yates	2135	Morrow		
7 rvs	2477			
	2833	Austin		
	2910	Chester		
Queen	3099	Miss Lime		
Penrose	3350			
Grayburg	3514			
San Andres	3835			
Glorieta				
Paddock				
Blinbry				
Tubb				
Drinkard				
Abo				
Wolfcamp				

OCT 17 2013