

WELL LOGS

K Z

API number:	30-025-39018		
OGRID:		Operator:	APACHE CORP
		Property:	SOUTHLAND ROYALTY A # 33

surface	ULSTR:	N	4	T	21S	R	37E
			940	FSL	1650	FWL	

BH Loc	ULSTR:	N	4	T	21S	R	37E
			940	FSL	1650	FWL	

Ground Level:	3480	DF:	3490	KB:	3491	
Datum:	KB			TD:	4410	

Land: **STATE**

Completion Date: (1) **12/23/2009**

Date Logs Received: **12/21/2009**

Date C105 Received: **1/12/2010**

Date Logs/C105 Due in: (2) **1/12/2010**

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		
MPD/MDN	100	4358	Compensated Neutron Photo Density GR
MLE/MMR	1299	4388	Dual Laterolog Micro Laterolog
MAI			Array Induction Shallow Focused Electric Log
MSS	1299	4397	Compensated Sonic Gamma Ray Log
	1299	4339	Spectral Gamma Ray
	1299	4358	Borehole Profile Log

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OCD TOPS

Rustler	1280	Strawn			
Tansill	2526	Atoka			
Yates	2665	Morrow			
7R	2912				
T. Bowers Sd	3247				
B. Bowers Sd	3328				
Queen	3480				
Penrose					
Grayburg	3782				
San Andres	4070				
Glorieta					
Tubb					
Drinkard					
Abo					
Wolfcamp					