

WELL LOGS

API number:	30-025-36103	
OGRID:		Operator: MACK ENERGY CORP
		Property: SAPPHIRE STATE # 4

surface	ULSTR: F	11	T	23S	R	36E
		1650	FNL	1650	FWL	

BH Loc	ULSTR: F	11	T	23S	R	36E
		1650	FNL	1650	FWL	

Ground Level:	3439	DF:	3450	KB:	3451
Datum:	KB			TD:	8030

Land: STATE

Completion Date: (1) 1/5/2004
 Date Logs Received: 4/16/2003 *** Late ***
 Date Due in: (2) 5/6/2003

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	8028	Three Detector Litho-Density
	3686	8038	Azimuthal Laterolog

OCD TOPS

Rustler	1263	Strawn		
Tansill		Atoka		
Yates	2970	Morrow		
7 rvs	3164			
		Austin		
		Chester		
Queen	3550			
Penrose				
Grayburg	3728			
San Andres				
Glorieta	5623			
Paddock				
Blinbry				
Tubb				
Drinkard				
Abo				
Wolfcamp				