

WELL LOGS

K_z

API number:	30-025-39104		
OGRID:		Operator:	TORCH ENERGY SERVICES INC
		Property:	COOPER JAL UNIT # 511

surface	ULSTR:	C	24	T	24S	R	36E
			980	FNL	2280	FWL	

BH Loc	ULSTR:	C	24	T	24S	R	36E
			980	FNL	2280	FWL	

Ground Level:	3322	DF:	3333	KB:	3334	
Datum:	GL			TD:	3728	

Land:	STATE	Completion Date: (1)	
		Date Logs Received:	10/10/2008
		Date Logs Due in: (2)	

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	
CNL/GR/CCL	1150	3723 Compensated Neutron Gama Ray CCL LOG
CBL/GR/CCL	0	3723 Cement Bond Gama Ray CCL LOG

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OCD TOPS

Rustler	1157	Strawn		
Tansill		Atoka		
Yates	3020	Morrow		
7 rvs	3234			
		Austin		
		Chester		
Queen	3666	Miss Lime		
Penrose				
Grayburg				
San Andres		Base Jalmat Pool	3566	
Glorieta		Top Langlie Mattix	3566	
Paddock		Queen	3666	
Blaineby				
Tubb		Area Vertical Limits: from a point 100' above the base		
Drinkard		Seven Rivers to the base of the Queen Formation		
Abo				
Wolfcamp				