

WELL LOGS

K Z

API number:	30-025-40107		
OGRID:		Operator:	CIMAREX ENERGY CO
		Property:	MERCHANT LIVESTOCK 22 33 19 STATE COM # 1H

surface	ULSTR:	D	19	T	22S	R	33E
			660	FNL	330	FWL	

BH Loc	ULSTR:	A	19	T	22S	R	33E
			536	FNL	445	FEL	

Ground Level:	3704	DF:	3721	KB:	3722		
Datum:	KB			MD:	15230	TVD:	10980

Land: STATE	Completion Date: (1)	7/28/2011
	Date Logs Received:	12/7/2011
	Date C105 Received:	12/7/2011
	Date Logs/C105 Due in: (2)	8/17/2011

Confidential:	N0			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 10631	Three Detector Litho-Density

K Z

OCD TOPS

Rustler	893	Penn		
		Cisco		
		Canyon		
		Strawn		
		Atoka		
Delaware	4915	Morrow		
Delaware Lm		Barnett Sh		
Delaware Sd		Miss Lime		
Bell Canyon				
Cherry Canyon				
Brushy Canyon				
Bone Spring	8745			
1st Sd	9910			
2nd Carb				
2nd Sd				
3rd Carb				
3rd Sd				
Wolfcamp				