

WELL LOGS

K Z

API number:	30-025-40476		
OGRID:		Operator:	CIMAREX ENERGY CO of COLORADO
		Property:	HALLERTA 4 FEDERAL # 7H

surface	ULSTR:	B	04	T	26S	R	32E
			330	FNL	1650	FEL	

BH Loc	ULSTR:	O	04	T	26S	R	32E
			276	FSL	1579	FEL	

Ground Level:	3308	DF:	3324	KB:	3325		
Datum:	KB			MD:	15169	TVD:	10713

	Completion Date: (1)	2/5/2013	
	Date Logs Received:	7/23/2013	***LATE***
	Date C105 Received:	7/23/2013	***LATE***
	Date Logs/C105 Due in: (2)	2/25/2013	

Land: **FEDERAL**

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		
DSN/SDL	200	10156	Spectral Density Dual Spaced Neutron
DLL/MGRD	4516	10204	Dual Laterolog Micro Guard Log

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OCD TOPS

Rustler	1143	Penn			
		Cisco			
		Canyon			
		Strawn			
		Atoka			
Delaware	4531	Morrow			
Delaware Lm	4531	Barnett Sh			
Delaware Sd	4580	Miss Lime			
Bell Canyon					
Cherry Canyon					
Brushy Canyon					
Bone Spring	8594				
1st Sd	9576				
2nd Carb					
2nd Sd					
3rd Carb					
3rd Sd					
Wolfcamp					

AUG 29 2013