

WELL LOGS

K_Z

API number:	30-025-40733		
OGRID:		Operator:	COG OPERATING LLC
		Property:	SOPAPILLA STATE # 1H

surface	ULSTR:	M	02	T	23S	R	33E
			190	FSL	380	FWL	

BH Loc	ULSTR:	D	02	T	23S	R	33E
			378	FNL	343	FWL	

Ground Level:	3561	DF:	3582	KB:	3583		
Datum:	KB			MD:	15596	TVD:	11117.5

Land: STATE

Completion Date: (1) 2/26/2013
 Date Logs Received: 3/20/2013 ***Late***
 Date C105 Received: 3/20/2013 ***Late***
 Date Logs/C105 Due in: (2) 3/18/2012

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	10186	Spectral Density Dual Spaced Neutron
DLL/MGRD	4886	10234	Dual Laterolog Micro Guard Log

K_Z

OCD TOPS

Rustler	1056	Penn		
		Cisco		
		Canyon		
		Strawn		
		Atoka		
Delaware	5104	Morrow		
Delaware Lm		Barnett Sh		
Delaware Sd		Miss Lime		
Bell Canyon				
Cherry Canyon				
Brushy Canyon				
Bone Spring	9005			
1st Sd	10130			
2nd Carb				
2nd Sd				
3rd Carb				
3rd Sd				
Wolfcamp				

MAR 25 2013