Company:_____ Well name_____**CUTTINGS CAN#**_____

Location:_____ **Can Sample interval**_____

API: _____ Mud logger Co and logger names _____

CRITICAL DATA: Drilling break depth :_____Drilled Sample Depth_____TVD:_____

Time: drilling break _____ Time: lag time (min.)_____ **est. Time: Coal drilled:**_____

Time canister closed : _____ Date: _____ **Pressure estimator: Mud wt:____ppg**

Reading	Date (mm/dd/yy)	Reading Time (24 Hr clock)	Ambient Temp. (oF)	Barometric Pressure (in. Hg)	V (cc)	Canister Temp. (oF)	Bath Temp. (oF)	Fix a reading	(Note for fix a reading: use these annotations: T_a = ambient; T_i = internal; T_b = bath; V = volume; P = pressure; time = t)
0					0.0			< take 0.0	readings as can is closed
1									**CRITICAL MASS DATA:**
2									**1. Can + Coal Mass:**
3									**2. Empty Can mass:**
4									**3. (1-2) = raw coal mass:**
5									4. -(proxH2O+ash) mass:
6									**5. = D.A.F. coal mass:**
7									
8									**Calc. T_b: do early so bath can heat up**
9									Tb= (dT/dZ x (sample depth/100))+Ts
0									**Ts = Tsurface = dT/dZ=**
1									**Tb = est. Formation T=**
2									**OR: measure mud temperature**
3									**out of well=**
4									
5									**Headspace: (taken after desorption)**
6									**1. measure Coal+ H_20 fill + can mass**
7									**2. Coal+ can mass:**
8									**3. Subtract 2 from 1 = net H2O**
9									**4. Using 1g H_20 = 1cc, net water mass**
0									**= Headspace = cc**
1									
2									**Empty Can. Vol.**
3									**(if density needed for Mavor method)**
4									Empty coal, clean, weigh empty
5									**Fill with H_2O, reweigh**
6									**Using 1g H_20 = 1cc, net water mass =**
7									**Can. Vol = cc**
8									**Sample Density**
9									**Density: raw coal mass /(empty can V - headspace V)**
0									**Density = g/cc**

Describe core in canister: Formation name: