C6 H2 O6+602 = 6(02 +64,0

EXOTHERMIC OXIDATION REACTION.

BURNING FIELD -> CAPTURE AND REGULATE THIS.

THO KEY MOLECULES: ATP AND NATH

ENERGY ELECTRONS

LIM IS THIS A "HIGH ENERLY" BOND?

ATP = ADP + Pi (x Ks/mal)

(1) ELECTROSTANC REPOLSION

3 ENTIFY BUMP.

HOAN:

HITH DAM,
HE NEED
A TURSINE.
ATP NOR!

WHM IS CARRON MARE OXIDIZED AS METHANOL VS. METHYL?

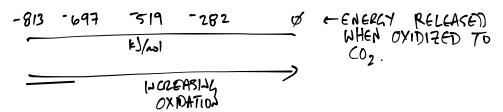
H:C:H VS. H:C:OH

H:C:+ VS. H:C:OH

ELECTRONEGATIVITY THETE AVINES WHO "OHNS" ELECTRONS.

$$E.NEC. \rightarrow 3.4 3.0 2.6 2.2$$

0 > N > C = S > P = H



DETERMINE REDOX POTENTIAL CHAME OF REACTION

EACY BITOR - EDONOR -> DE 0.015 - -0.315 = 0.360 -> PES. NADH CAN OXIDIZE PYRUVATE (PHRUVATE) (NADH)