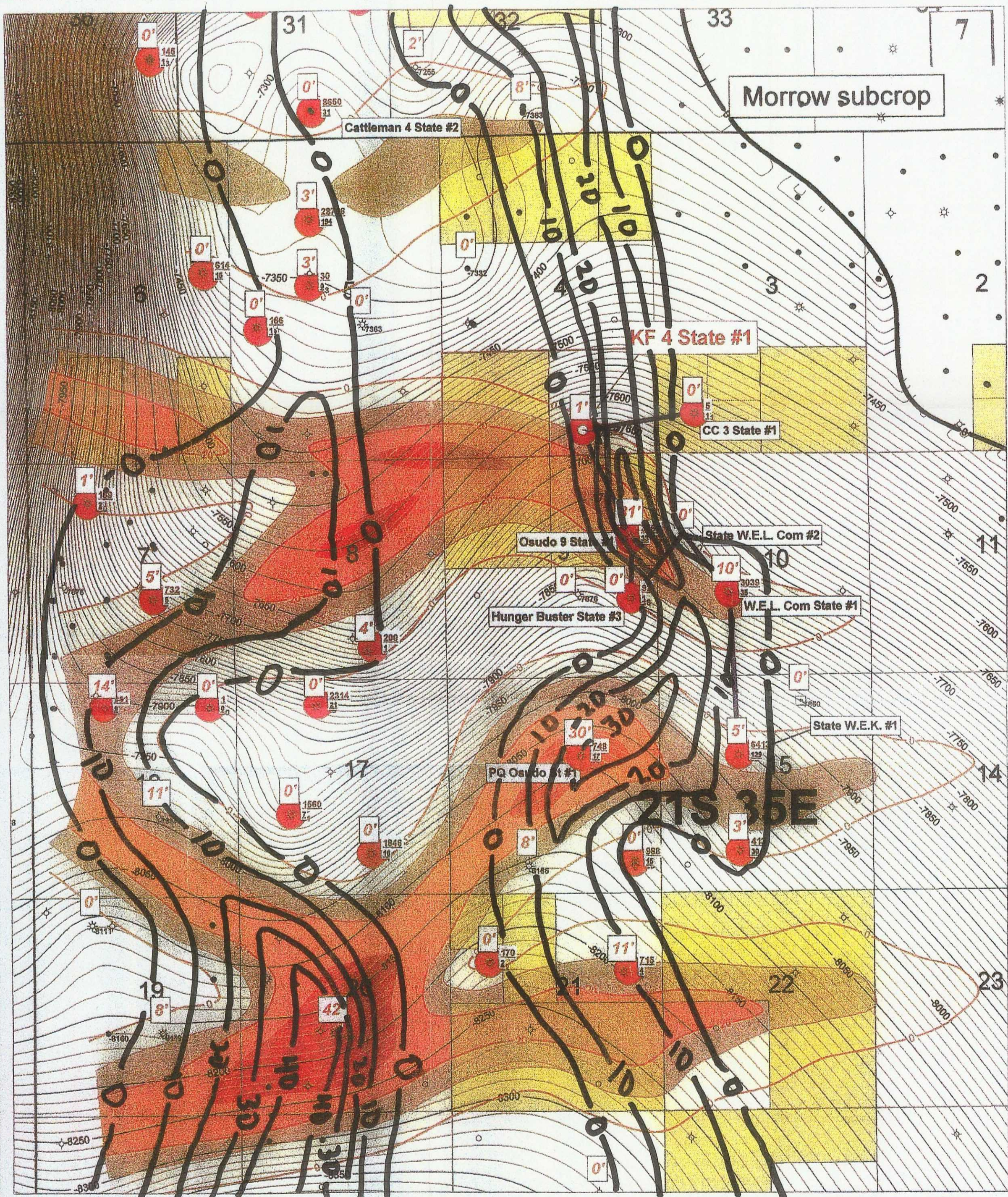
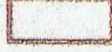




0.2500 0 0.2500 0.5000 0.7500 mi



COI KF 4 State #1 320 ac. Unit

X-Geo-KF

KF4st Detail



CHESAPEAKE
LEASEHOLD

● Morrow Producer

● Pennsylvanian Producer

PROD THRU
12/2005

cum GAS mmcf
cum OIL mbo

ISOPACH CI: 10'
STRUCTURE CI: 10'

Chesapeake
Natural Gas
Natural Advantages

**CHESAPEAKE
OPERATING, INC.**

KF 4 STATE #1
4-T21S-R35E

Lea County, New Mexico
ISOPACH: S. Osudo Upper (Morrow)
STRUCTURE: T/MORROW

dagKF4stOsudoUpr.gmp

Date: 18 August, 2005

Geologist: DG