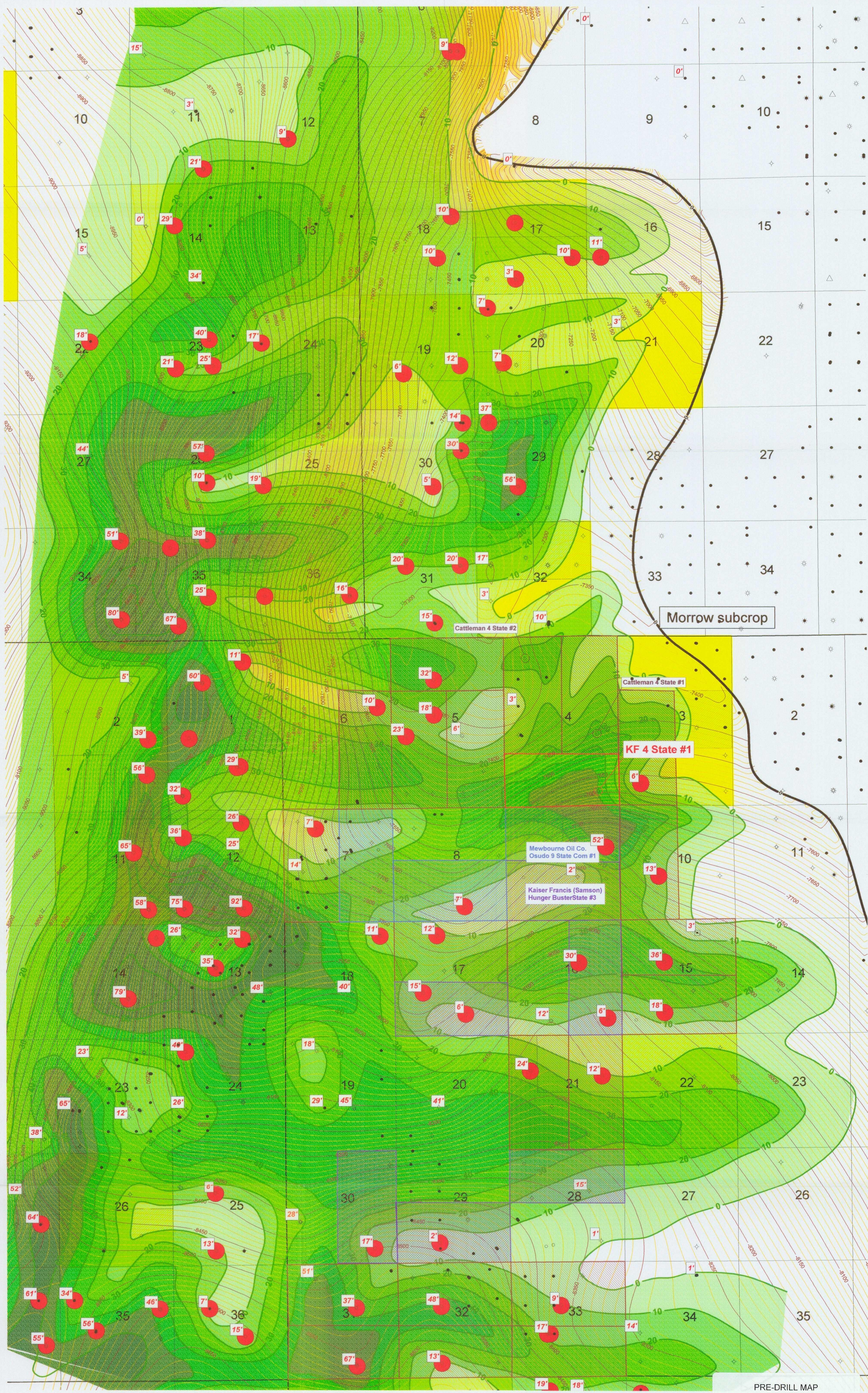




- COI KF 4 State #1 320 ac. Unit
- SAMSON 320 ac. Unit
- Mewbourne 320 ac. Unit
- "Other" 320 ac. Unit
- CHESAPEAKE LEASEHOLD
- Morrow Producer
- Pennsylvanian Producer

ISOPACH CI: 10'
STRUCTURE CI: 10'

BEFORE THE
OIL CONSERVATION DIVISION
Case # 13492&13493 Exhibit No. 22
Submitted By:
Chesapeake Inc.
Hearing Date: August 22, 2005

**CHESAPEAKE
OPERATING, INC.**

KF 4 STATE #1
4-T21S-R35E
Lea County, NM
ISOPACH: net Middle Morrow Sand
STRUCTURE: T/ Morrow
DagKF4St-1MorrowBig.gmp

Date: 11 May, 2005Geologist: DAG