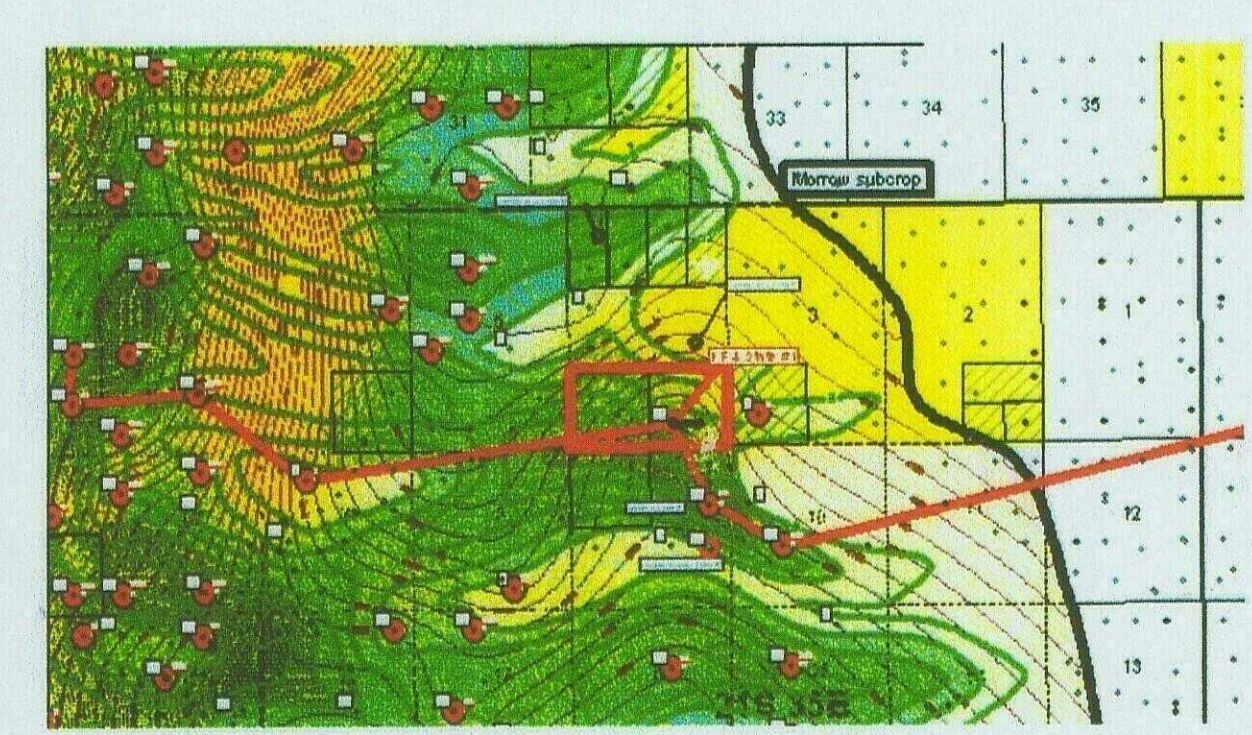
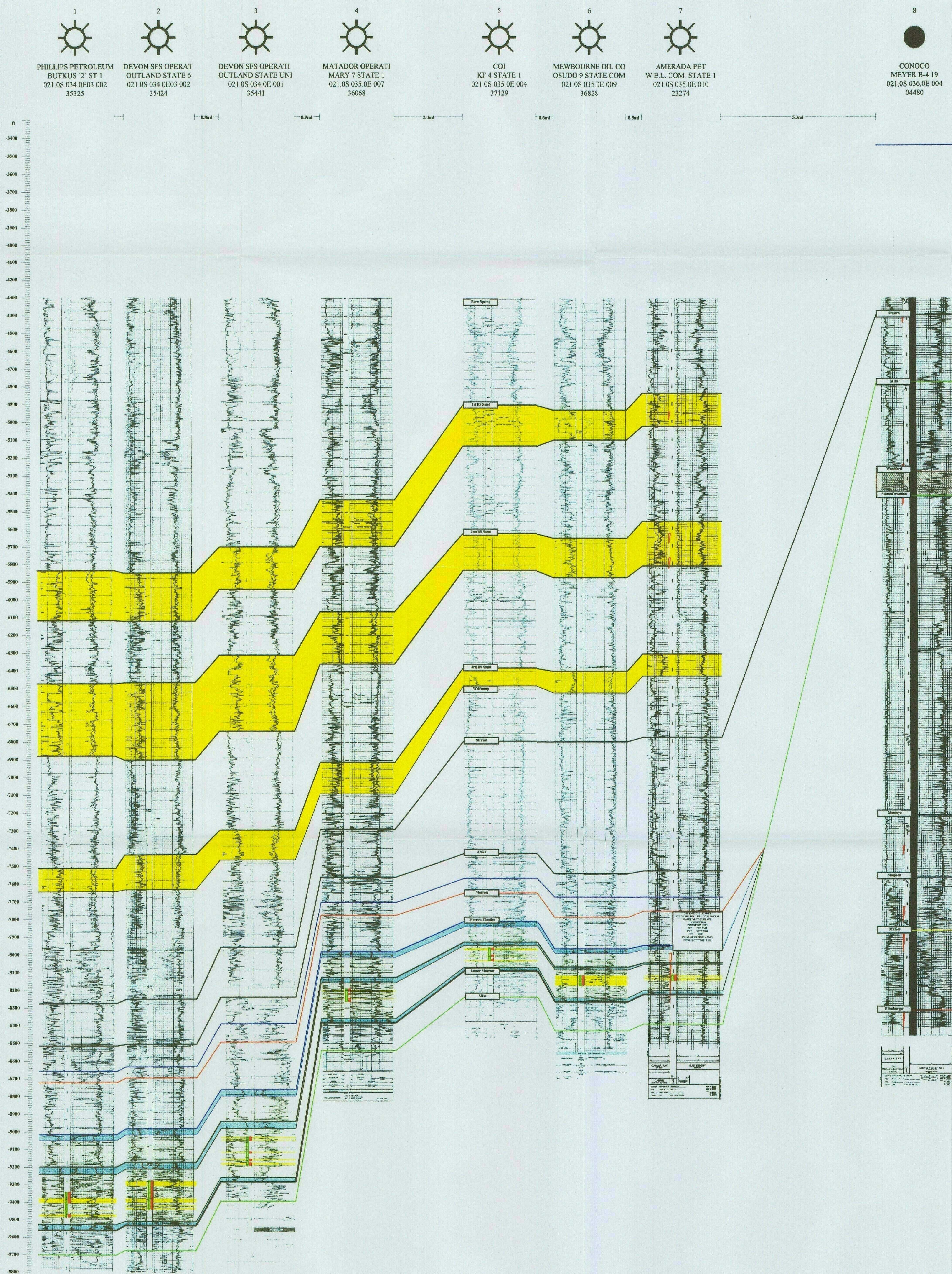




Samson Exhibit 13  
NMOCD Case Nos. 13492/13493  
Submitted 8/10/06

OIL CONSERVATION DIVISION  
Case # 13492&13493 Exhibit No. 21  
Submitted By:  
Chesapeake, Inc.  
Hearing Date: August 22, 2005  
RECEIVED THE

|                                                                                       |                                       |
|---------------------------------------------------------------------------------------|---------------------------------------|
|  | <b>CHESAPEAKE<br/>OPERATING, INC.</b> |
| <b>KF 4 STATE #1<br/>REGIONAL MORROW<br/>STRUCTURAL X-SECTION</b>                     |                                       |
| Date: 2005                                                                            | Geologist: Godsey                     |