NW

SE

22679

PHILLIPS PETRLM CO
WILSON J
1
T21S R35E S5
3300 FSL 1980 FEL
NO MORROW PRODUCTION

20687

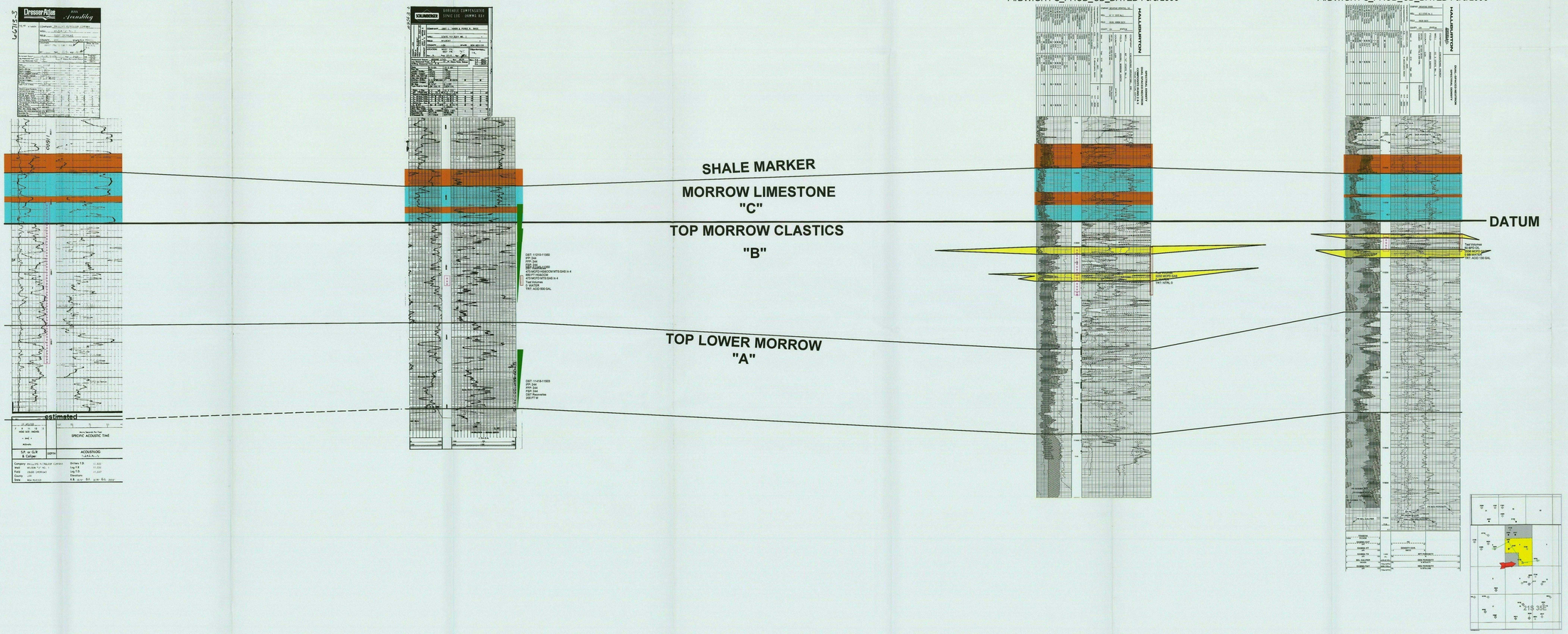
HAMON JAKE L
STATE E-8321
1
T21S R35E S4
3222 FNL 660 FWL
NO MORROW PRODUCTION

37129

CHESAPEAKE OPERG INC
KF 4 STATE
1
T21S R35E S4
660 FSL 990 FEL
359,797 MCF-MRW
2,919 BO-MRW
PI/DWIGHT'S_PROD_CD_DATED : 8/8/2006

36794

CHESAPEAKE OPERG INC
CC 3 STATE
1
T21S R35E S3
990 FSL 990 FWL
4,805 MCF-MRW
772 BO-MRW
PI/DWIGHT'S_PROD_CD_DATED : 8/8/2006



SAMSON RESOURCES CO

OSUDO AREA

LEA COUNTY, NEW MEXICO

NORTHWEST-SOUTHEAST CROSS-SECTION

(STRATIGRAPHIC - DATUM:T/MRW CLASTICS)

Vertical Scale - 2-1/2" = 100'
Horizontal Scale - None

By: ROJ:lr UPDATED 8/2006

August 31,2006 3:43 PM

Samson Exhibit 33 A
NMOCD Case Nos. 13492/13493
Submitted 10/3/06