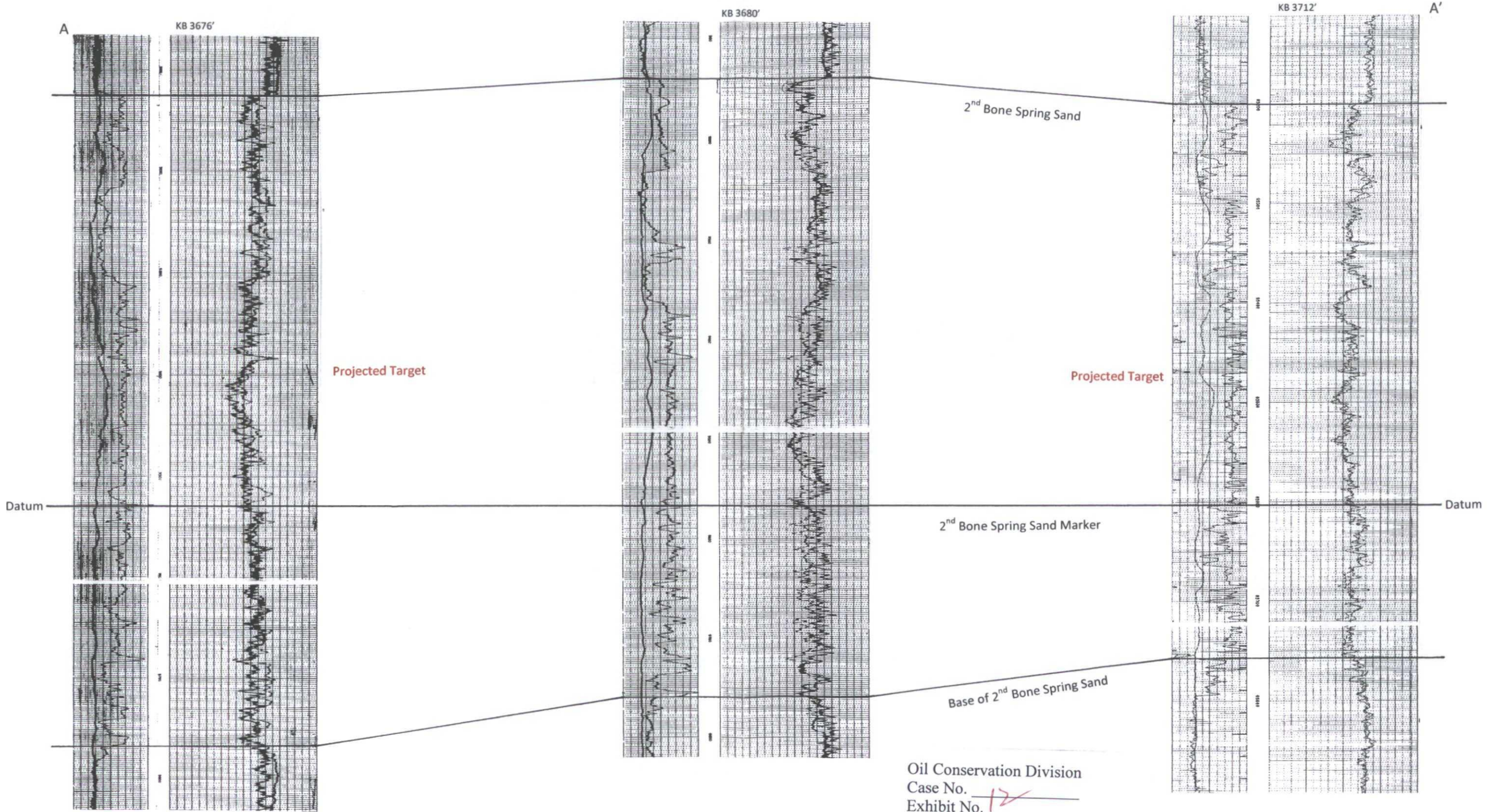


Nadel & Gussman
Sun McKay Fed. #1
10-19S-32E
1850' FNL & 1730' FWL

Marshall & Winston
TJG Fed. "3" #2
3-19S-32E
1980' FSL & 1730' FEL

Phillips State "2" #1
2-19S-32E
1980' FNL & 660' FWL



Oil Conservation Division
Case No. 12
Exhibit No. 12

STRATIGRAPHIC CROSS-SECTION A-A'
MARSHALL & WINSTON, INC.