

SW

25748

C & K PETROLEUM INC
WILSON STATE

1
T21S R35E S9
1980 FSL 1980 FEL

36828

MEWBOURNE OIL CO
OSUDO 9 STATE COM

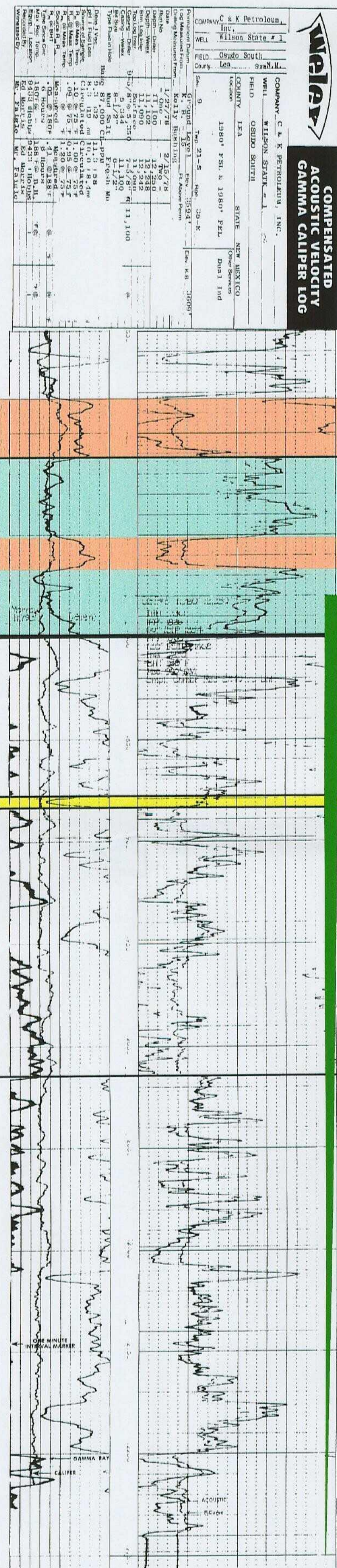
1
T21S R35E S9
1980 FNL 660 FEL
218,860 MCF-MRW
4,381 BO-MRW

37165

APACHE CORP
STATE WE L COM

2
T21S R35E S10
1934 FNL 660 FWL

NE



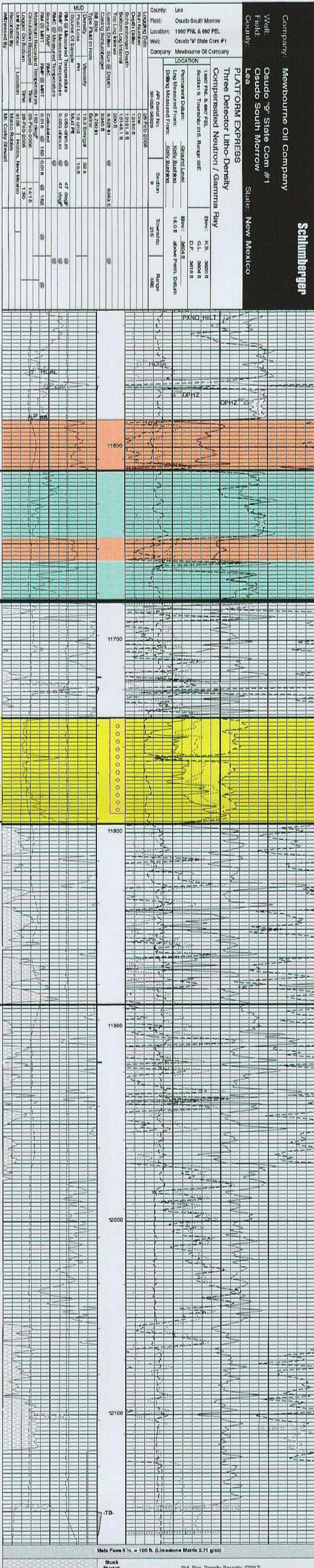
DST: 11780-12200
HP: 7307
FPP: 1162
FPP: 720
FPP: 667
ISP: 1312
DHT: 188
DST Recoveries
900 FT M

SHALE MARKER

MORROW LIMESTONE
"C"

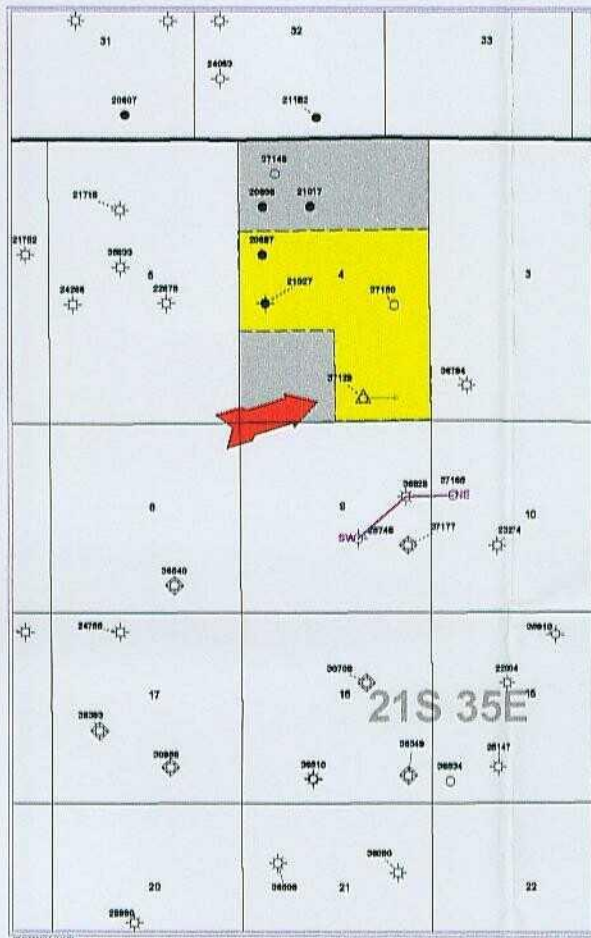
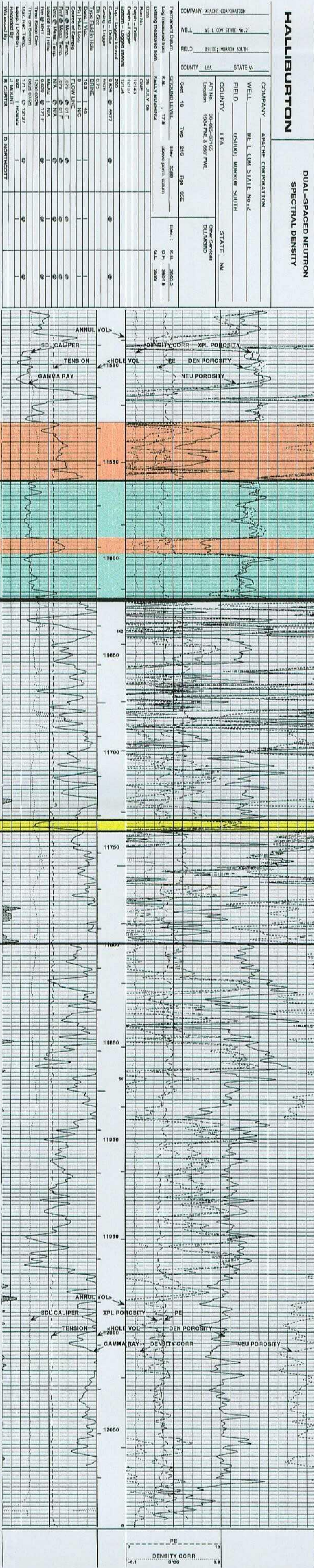
TOP MORROW CLASTICS
"B"

TOP LOWER MORROW
"A"



Test Volumes
1000 BBL OIL
2000 BBL GAS
1000 BBL WATER
TWT: NTRL 0

MORROW SAND ZONE



Samson Resources EX 4
NMOCD Case No. 13493

SAMSON RESOURCES CO

OSUDO AREA

LEA COUNTY, NEW MEXICO

SOUTHWEST-NORTHEAST CROSS-SECTION

(STRATIGRAPHIC)

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

By: ROJ:lr

August 17, 2005 9:30 AM