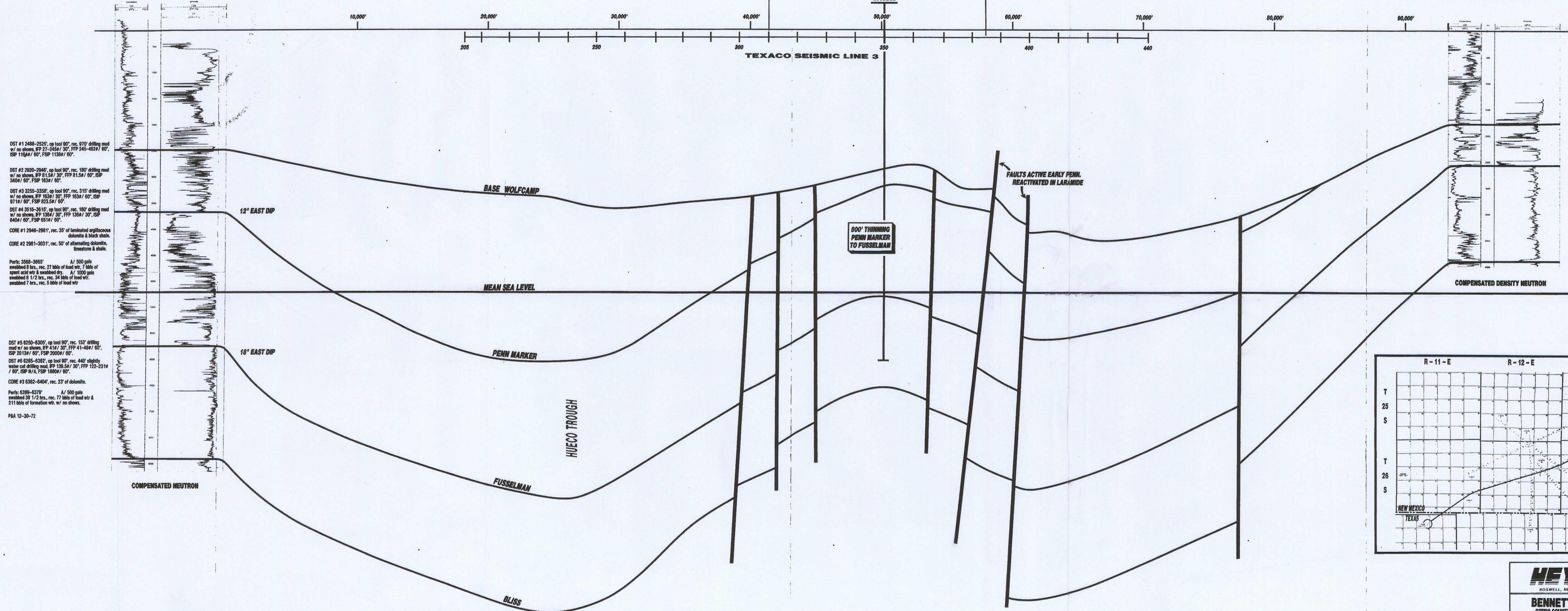


A

A'

TEXACO
State of Texas "FO" #1-3
Sec. 3, Blk. A, Univ. Land Survey
Hudspeth County, Texas

TRANSOCEAN
George Abiah #1
Sec. 15, T-25-S, R-13-E
Otero County, New Mexico



DST #1 2488-2525', op tool 90°, rec. 070' drilling mud w/ no shows, FP 27-2458/30°, FFP 245-4628/60°, ISP 11848/60°, FSP 11388/60°.

DST #2 2920-2946', op tool 90°, rec. 180' drilling mud w/ no shows, FP 81.58/30°, FFP 81.58/60°, ISP 3408/60°, FSP 1638/60°.

DST #3 3255-3350', op tool 90°, rec. 315' drilling mud w/ no shows, FP 1638/30°, FFP 1638/60°, ISP 9718/60°, FSP 823.58/60°.

DST #4 3515-3615', op tool 90°, rec. 160' drilling mud w/ no shows, FP 1368/30°, FFP 1368/60°, ISP 8408/60°, FSP 6518/60°.

CORE #1 2948-2981', rec. 35' of laminated argillaceous dolomite & black shale.

CORE #2 2981-3031', rec. 50' of alternating dolomite, limestone & shale.

Perfs: 3588-3665' A/ 500 gals swabbed 8 hrs., rec. 27 bbls of load wtr, 7 bbls of spent acid wtr & swabbed dry. A/ 1000 gals swabbed 8 1/2 hrs., rec. 54 bbls of load wtr, swabbed 7 hrs., rec. 5 bbls of load wtr.

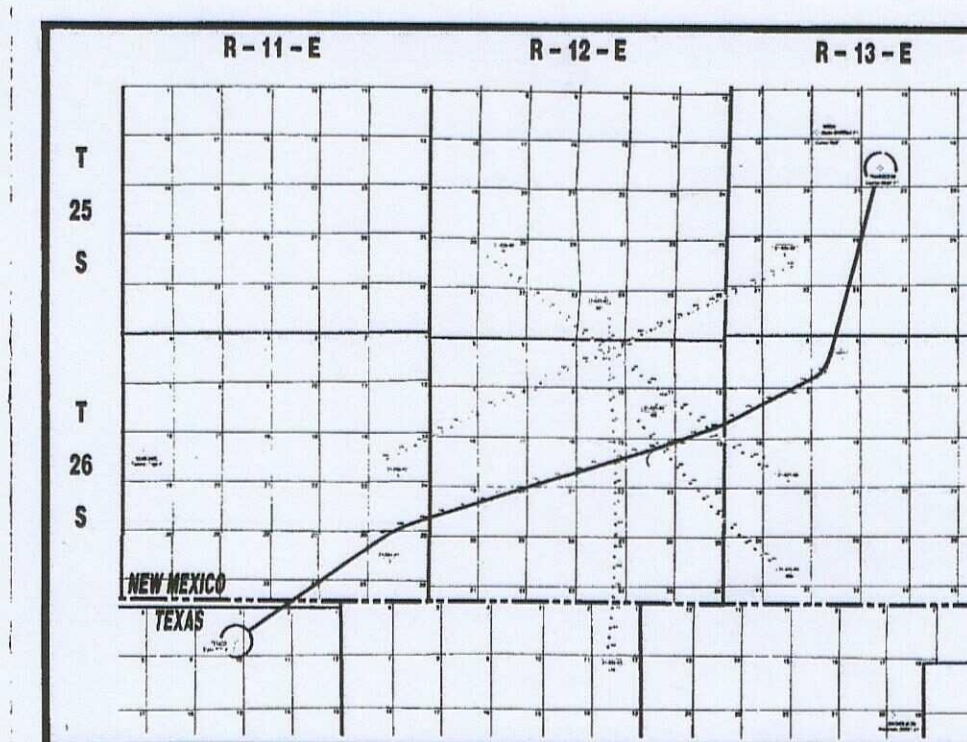
DST #5 6250-6305', op tool 90°, rec. 152' drilling mud w/ no shows, FP 418/30°, FFP 41-488/60°, ISP 20138/60°, FSP 30008/60°.

DST #6 6385-6385', op tool 90°, rec. 440' slightly water cut drilling mud, FP 138.58/30°, FFP 122-2318/60°, ISP N/A, FSP 18808/60°.

CORE #3 6382-6404', rec. 23' of dolomite.

Perfs: 6288-6378' A/ 500 gals swabbed 35 1/2 hrs., rec. 77 bbls of load wtr & 211 bbls of formation wtr. w/ no shows.

P&A 12-30-72



HEYCO
ROSWELL, NEW MEXICO

BENNETT RANCH
OTERO COUNTY, NEW MEXICO

SCHEMATIC CROSS-SECTION

J. UNDERWOOD JAN. 1995

EXHIBIT #4