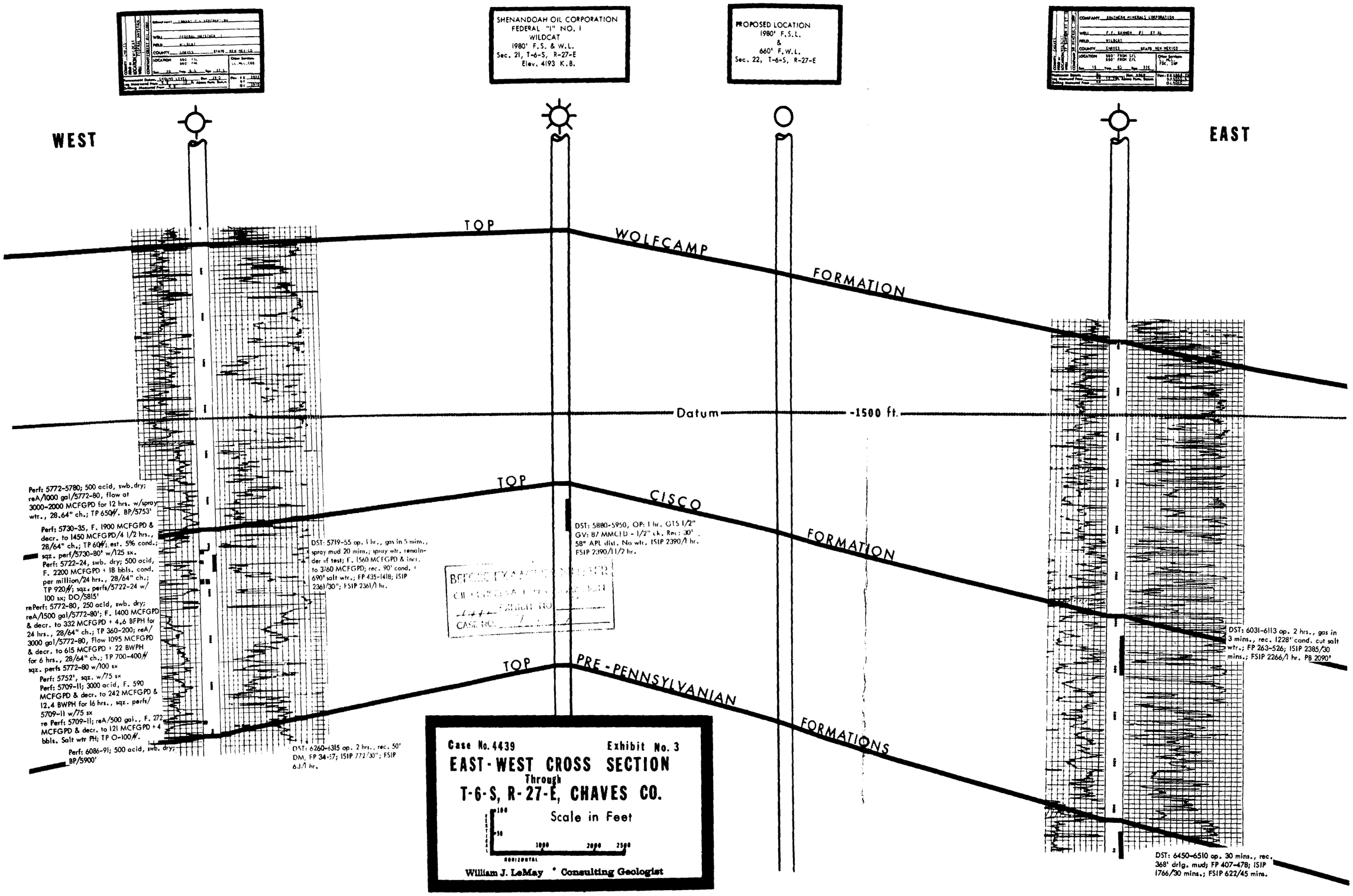
WEST
EAST
SHENANDOAH OIL CORPORATION
FEDERAL "I" NO. 1
WILDCAT
1980' F.S. & W.L.
Sec. 21, T-6-S, R-27-E
Elev. 4193 K.B.
PROPOSED LOCATION
1980' F.S.L.
&
660' F.W.L.
Sec. 22, T-6-S, R-27-E
TOP
WOLFCAMP
FORMATION
Datum
-1500 ft.
TOP
CISCO
FORMATION
TOP
PRE-PENNSYLVANIAN
FORMATIONS
Perf: 5772-5780; 500 acid, swb. dry; reA/1000 gal/5772-80, flow at 3000-2000 MCFGPD for 12 hrs. w/spray wtr., 28.64" ch.; TP 650#. BP/5753'
Perf: 5730-35, F. 1900 MCFGPD & decr. to 1450 MCFGPD/4 1/2 hrs., 28/64" ch.; TP 60#; est. 5% cond.; sqz. perf/5730-80' w/125 sx.
Perf: 5722-24, swb. dry; 500 acid, F. 2200 MCFGPD + 18 bbls. cond. per million/24 hrs., 28/64" ch.; TP 920#; sqz. perfs/5722-24 w/ 100 sx; DO/5815'
rePerf: 5772-80, 250 acid, swb. dry; reA/1500 gal/5772-80'; F. 1400 MCFGPD & decr. to 332 MCFGPD + 4.6 BFPH for 24 hrs., 28/64" ch.; TP 360-200; reA/ 3000 gal/5772-80, Flow 1095 MCFGPD & decr. to 615 MCFGPD + 22 BWPH for 6 hrs., 28/64" ch.; TP 700-400# sqz. perfs 5772-80 w/100 sx
Perf: 5752', sqz. w/75 sx
Perf: 5709-11; 3000 acid, F. 590 MCFGPD & decr. to 242 MCFGPD & 12.4 BWPH for 16 hrs., sqz. perfs/ 5709-11 w/75 sx
re Perf: 5709-11; reA/500 gal., F. 272 MCFGPD & decr. to 121 MCFGPD + 4 bbls. Salt wtr PH; TP 0-100#.
Perf: 6086-91; 500 acid, swb. dry; BP/5900'
DST: 5719-55 op. 1 hr., gas in 5 mins., spray mud 20 mins.; spray wtr. remainder of test; F. 1560 MCFGPD & incr. to 3760 MCFGPD; rec. 90' cond. + 690' salt wtr.; FP 435-1418; ISIP 2361/30"; FSIP 2361/1 hr.
DST: 6260-6315 op. 2 hrs., rec. 50' DM, FP 34-57; ISIP 772/30"; FSIP 63/1 hr.
DST: 5880-5950, OP: 1 hr. GTS 1/2" GV: 87 MMCFD - 1/2" ck. Rec: 30' 58° APL dist. No wtr. ISIP 2390/1 hr. FSIP 2390/1 1/2 hr.
DST: 6031-6113 op. 2 hrs., gas in 3 mins., rec. 1228' cond. cut salt wtr.; FP 263-526; ISIP 2385/30 mins.; FSIP 2266/1 hr. PB 2090'
DST: 6450-6510 op. 30 mins., rec. 368' drlg. mud; FP 407-478; ISIP 1766/30 mins.; FSIP 622/45 mins.
Case No. 4439
Exhibit No. 3
EAST-WEST CROSS SECTION
Through
T-6-S, R-27-E, CHAVES CO.
Scale in Feet
100
50
1000
2000
2500
HORIZONTAL
William J. LeMay • Consulting Geologist