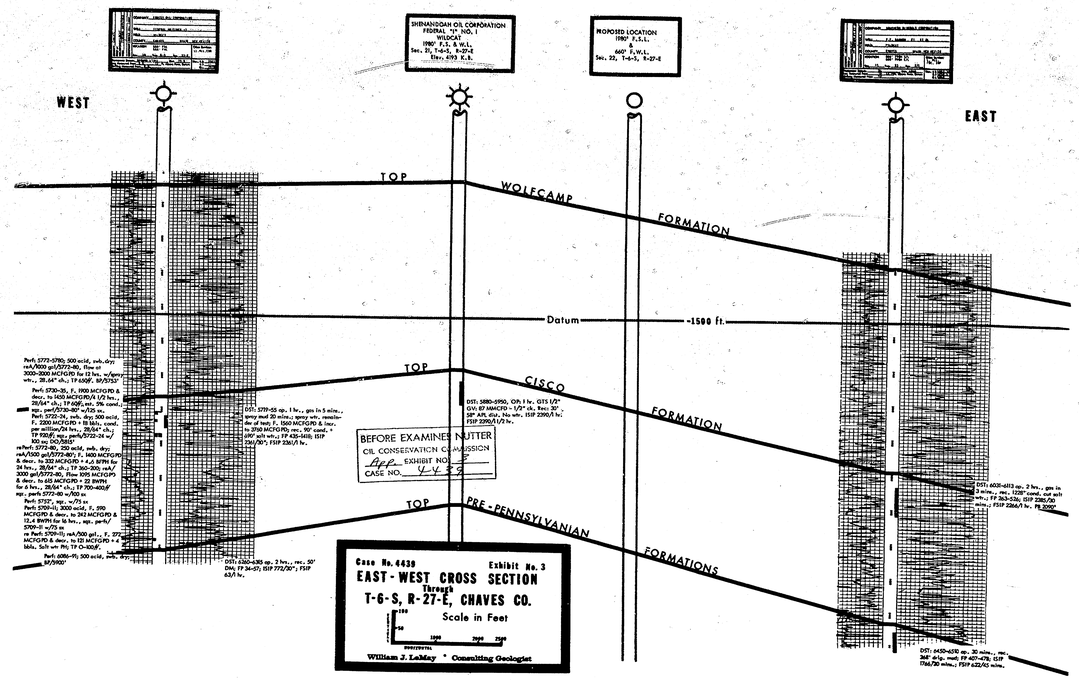
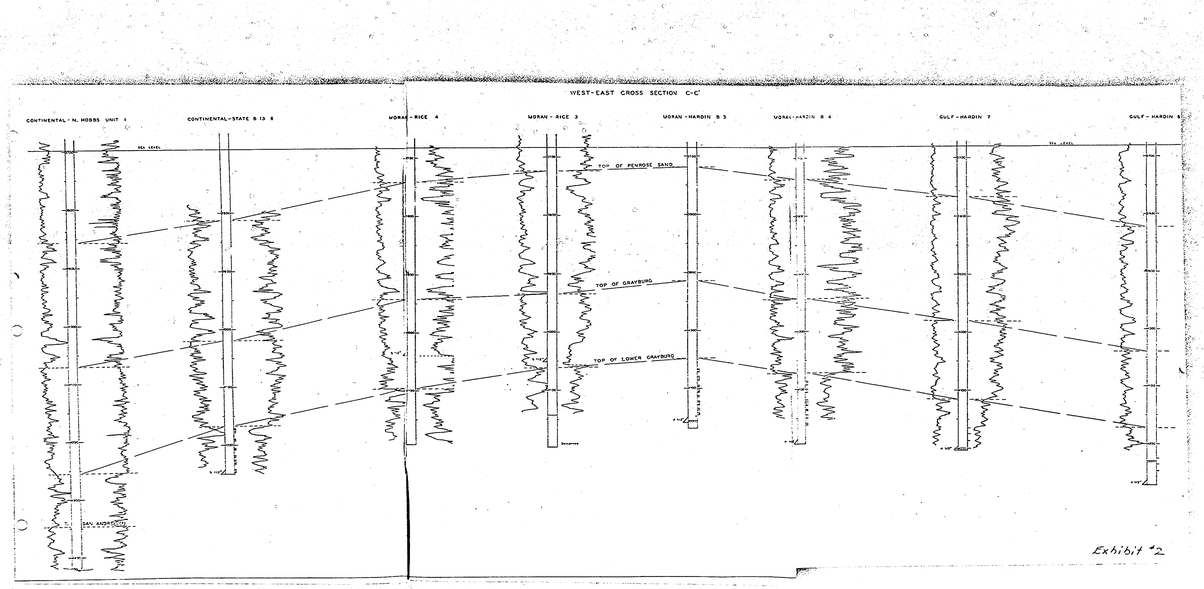
Case No
4439

Large Exhibits


WEST
EAST
SHENANDOAH OIL CORPORATION
FEDERAL "Y" NO. 1
WILDCAT
1980' F.S.L. & W.L.
Sec. 21, T-6-S, R-27-E
Elev. 4093' G.L.
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, rec. 9000 gal/5772-80, flow in 3000-3000 MCFGPD for 12 hrs. w/gassy wtr., 28-64" ch., TP 650#, SIP 970/970
Perf. 5730-35, F. 9900 MCFGPD & dwn. to 5000 MCFGPD/6 1/2 hrs., 28/64" ch., TP 600#, rec. 26 cond. eqv. perf/5720-30" w/125 sx.
Perf. 5722-34, swb. dry 500 acid, F. 2200 MCFGPD + 18 bbls. cond. per million/24 hrs., 28/64" ch., TP 950#, eqv. perfs/5722-34 w/100 sx. DO/5850'
re-Perf. 5772-80, 250 acid, swb. dry, rec. 4/1500 gal/5772-80', F. 1400 MCFGPD & dwn. to 532 MCFGPD + 4.6 BPN for 24 hrs., 28/64" ch., TP 360-200, rec/ 2/3 cond. + 1/3 wtr., then 1105 MCFGPD & dwn. to 425 MCFGPD + 12 BWPH for 6 hrs., 28/64" ch., TP 700-400#, eqv. perfs 5772-80 w/500 sx.
Perf. 5727, eqv. w/75 sx
Perf. 5709-12, 3500 acid, F. 590 MCFGPD & dwn. to 342 MCFGPD & 12.4 BWPH for 16 hrs., eqv. perfs/ 5709-31 w/75 sx
re-Perf. 5709-12, 4/500 gal., F. 372 MCFGPD & dwn. to 122 MCFGPD + 6 bbls. Salt wtr PH; TP O-450#,
Perf. 4086-92, 500 acid, swb. dry, 80'/900'
DST: 5300-385 op., 2 hrs., rec. 50' Dm, FP 34-57, ISIP 772/20", FSIP 65/1 hr.
DST: 5719-55 op., 1 hr., gas in 5 mins., gassy mud 20 mins.; gassy wtr. remainder of test; F. 1560 MCFGPD & dwn. to 3760 MCFGPD; rec. 90' cond. + 690' wtr. wtr., FP 435-1655, ISIP 1261/30", FSIP 2361/1 hr.
DST: 5880-5950, OH, 1 hr., GTS 1/2", GW. 87 MMCFD + 1/2" ck., Rec. 30' SIP, 45o. API, 46o. 36o wtr., ISIP 2390/1 hr; FSIP 2390/1/2 hr.
DST: 6038-6112 op., 2 hrs., gas in 3 mins., rec. 1230' cond., cut wtr wtr.; FP 363-536; ISIP 2385/30 mins.; FSIP 2386/1 hr., FP 3090'
DST: 6450-6570 op., 30 mins., rec. 360' o-g-w.m., FP 427-478, ISIP 1768/30 mins.; FSIP 622/45 mins.
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 4439
Case No. 4439
Exhibit No. 3
EAST - WEST CROSS SECTION
Through
T-6-S, R-27-E, CHAVES CO.
Scale in Feet
1000 2000 2500
HORIZONTAL
William J. LeMay • Consulting Geologist


WEST-EAST CROSS SECTION C-C'
CONTINENTAL - N. HOBBS UNIT 1
CONTINENTAL-STATE B 13 8
MORAN - RICE 4
MORAN - RICE 3
MORAN-HARDIN B 3
MORAN-HARDIN B 4
GULF - HARDIN 7
GULF - HARDIN 8
SEA LEVEL
TOP OF PENROSE SAND
TOP OF GRAYBURG
TOP OF LOWER GRAYBURG
SEA LEVEL
Exhibit #2