

BISAR 3.0 - Block Report

KR5 sr s1

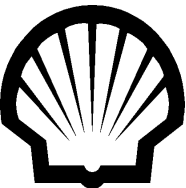
System 1: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	1	0.000E+00	0.000E+00	0.000E+00	-9.030E-01	-9.029E-01	-7.000E-01	-4.098E+01	-4.098E+01	-1.536E+01	0.000E+00	0.000E+00	1.896E+02
2	1	0.000E+00	0.000E+00	1.000E-03	-8.947E-01	-8.947E-01	-7.000E-01	-4.041E+01	-4.041E+01	-1.584E+01	0.000E+00	0.000E+00	1.896E+02
3	1	0.000E+00	0.000E+00	2.000E-03	-8.864E-01	-8.864E-01	-7.000E-01	-3.985E+01	-3.985E+01	-1.632E+01	0.000E+00	0.000E+00	1.895E+02
4	1	0.000E+00	0.000E+00	3.000E-03	-8.781E-01	-8.781E-01	-7.000E-01	-3.929E+01	-3.929E+01	-1.680E+01	0.000E+00	0.000E+00	1.895E+02
5	1	0.000E+00	0.000E+00	4.000E-03	-8.699E-01	-8.699E-01	-6.999E-01	-3.873E+01	-3.873E+01	-1.728E+01	0.000E+00	0.000E+00	1.895E+02
6	1	0.000E+00	0.000E+00	5.000E-03	-8.617E-01	-8.616E-01	-6.999E-01	-3.818E+01	-3.817E+01	-1.775E+01	0.000E+00	0.000E+00	1.895E+02
7	1	0.000E+00	0.000E+00	6.000E-03	-8.534E-01	-8.534E-01	-6.998E-01	-3.762E+01	-3.762E+01	-1.823E+01	0.000E+00	0.000E+00	1.895E+02



BISAR 3.0 - Block Report

KR5 sr s1

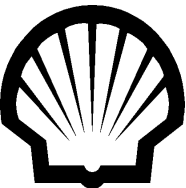
System 2: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	2	0.000E+00	0.000E+00	7.000E-02	-3.964E-01	-3.964E-01	-6.379E-01	-8.523E+00	-8.523E+00	-3.962E+01	0.000E+00	0.000E+00	1.875E+02
2	2	0.000E+00	0.000E+00	8.000E-02	-3.431E-01	-3.431E-01	-6.162E-01	-5.477E+00	-5.477E+00	-4.063E+01	0.000E+00	0.000E+00	1.871E+02
3	2	0.000E+00	0.000E+00	9.000E-02	-2.942E-01	-2.942E-01	-5.918E-01	-2.811E+00	-2.810E+00	-4.112E+01	0.000E+00	0.000E+00	1.867E+02
4	2	0.000E+00	0.000E+00	1.000E-01	-2.493E-01	-2.493E-01	-5.654E-01	-4.825E-01	-4.828E-01	-4.117E+01	0.000E+00	0.000E+00	1.863E+02
5	2	0.000E+00	0.000E+00	1.100E-01	-2.080E-01	-2.080E-01	-5.375E-01	1.552E+00	1.551E+00	-4.087E+01	0.000E+00	0.000E+00	1.859E+02
6	2	0.000E+00	0.000E+00	1.200E-01	-1.698E-01	-1.698E-01	-5.087E-01	3.339E+00	3.339E+00	-4.027E+01	0.000E+00	0.000E+00	1.855E+02
7	2	0.000E+00	0.000E+00	1.300E-01	-1.343E-01	-1.343E-01	-4.793E-01	4.926E+00	4.926E+00	-3.948E+01	0.000E+00	0.000E+00	1.851E+02
8	3	0.000E+00	0.000E+00	1.300E-01	-1.379E-01	-1.379E-01	-4.793E-01	4.926E+00	4.926E+00	-4.131E+01	0.000E+00	0.000E+00	1.851E+02



BISAR 3.0 - Block Report

KR5 sr s1

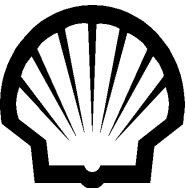
System 3: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	3	0.000E+00	0.000E+00	1.400E-01	-1.084E-01	-1.084E-01	-4.499E-01	6.150E+00	6.150E+00	-4.008E+01	0.000E+00	0.000E+00	1.847E+02
2	3	0.000E+00	0.000E+00	1.500E-01	-8.098E-02	-8.098E-02	-4.206E-01	7.239E+00	7.239E+00	-3.875E+01	0.000E+00	0.000E+00	1.843E+02
3	3	0.000E+00	0.000E+00	1.600E-01	-5.509E-02	-5.509E-02	-3.918E-01	8.227E+00	8.227E+00	-3.737E+01	0.000E+00	0.000E+00	1.839E+02
4	3	0.000E+00	0.000E+00	1.700E-01	-3.045E-02	-3.045E-02	-3.638E-01	9.147E+00	9.147E+00	-3.599E+01	0.000E+00	0.000E+00	1.835E+02
5	3	0.000E+00	0.000E+00	1.800E-01	-6.770E-03	-6.770E-03	-3.366E-01	1.002E+01	1.002E+01	-3.464E+01	0.000E+00	0.000E+00	1.832E+02
6	3	0.000E+00	0.000E+00	1.900E-01	1.625E-02	1.625E-02	-3.104E-01	1.088E+01	1.088E+01	-3.335E+01	0.000E+00	0.000E+00	1.828E+02
7	3	0.000E+00	0.000E+00	2.000E-01	3.889E-02	3.889E-02	-2.853E-01	1.175E+01	1.175E+01	-3.215E+01	0.000E+00	0.000E+00	1.825E+02
8	3	0.000E+00	0.000E+00	2.100E-01	6.137E-02	6.134E-02	-2.615E-01	1.265E+01	1.264E+01	-3.107E+01	0.000E+00	0.000E+00	1.822E+02



BISAR 3.0 - Block Report

KR5 sr s1

System 4: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	3	0.000E+00	0.000E+00	2.200E-01	8.386E-02	8.383E-02	-2.390E-01	1.358E+01	1.358E+01	-3.013E+01	0.000E+00	0.000E+00	1.819E+02
2	3	0.000E+00	0.000E+00	2.300E-01	1.066E-01	1.066E-01	-2.178E-01	1.458E+01	1.458E+01	-2.934E+01	0.000E+00	0.000E+00	1.816E+02
3	3	0.000E+00	0.000E+00	2.400E-01	1.298E-01	1.298E-01	-1.980E-01	1.565E+01	1.565E+01	-2.874E+01	0.000E+00	0.000E+00	1.813E+02
4	3	0.000E+00	0.000E+00	2.500E-01	1.538E-01	1.537E-01	-1.797E-01	1.683E+01	1.683E+01	-2.833E+01	0.000E+00	0.000E+00	1.810E+02
5	3	0.000E+00	0.000E+00	2.600E-01	1.786E-01	1.786E-01	-1.631E-01	1.812E+01	1.812E+01	-2.815E+01	0.000E+00	0.000E+00	1.807E+02
6	3	0.000E+00	0.000E+00	2.700E-01	2.046E-01	2.046E-01	-1.481E-01	1.955E+01	1.955E+01	-2.822E+01	0.000E+00	0.000E+00	1.804E+02
7	3	0.000E+00	0.000E+00	2.800E-01	2.320E-01	2.320E-01	-1.350E-01	2.114E+01	2.113E+01	-2.857E+01	0.000E+00	0.000E+00	1.802E+02
8	4	0.000E+00	0.000E+00	2.800E-01	8.180E-02	8.179E-02	-1.350E-01	2.114E+01	2.113E+01	-3.910E+01	0.000E+00	0.000E+00	1.802E+02



BISAR 3.0 - Block Report

KR5 sr s1

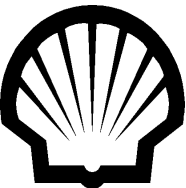
System 5: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	4	0.000E+00	0.000E+00	2.900E-01	8.566E-02	8.565E-02	-1.233E-01	2.113E+01	2.112E+01	-3.692E+01	0.000E+00	0.000E+00	1.798E+02
2	4	0.000E+00	0.000E+00	3.000E-01	8.977E-02	8.976E-02	-1.123E-01	2.120E+01	2.120E+01	-3.493E+01	0.000E+00	0.000E+00	1.794E+02
3	4	0.000E+00	0.000E+00	3.100E-01	9.415E-02	9.414E-02	-1.019E-01	2.136E+01	2.135E+01	-3.312E+01	0.000E+00	0.000E+00	1.791E+02
4	4	0.000E+00	0.000E+00	3.200E-01	9.880E-02	9.879E-02	-9.225E-02	2.159E+01	2.159E+01	-3.148E+01	0.000E+00	0.000E+00	1.788E+02
5	4	0.000E+00	0.000E+00	3.300E-01	1.037E-01	1.037E-01	-8.316E-02	2.191E+01	2.191E+01	-3.000E+01	0.000E+00	0.000E+00	1.784E+02
6	4	0.000E+00	0.000E+00	3.400E-01	1.090E-01	1.090E-01	-7.464E-02	2.231E+01	2.230E+01	-2.869E+01	0.000E+00	0.000E+00	1.782E+02
7	4	0.000E+00	0.000E+00	3.500E-01	1.145E-01	1.145E-01	-6.668E-02	2.279E+01	2.279E+01	-2.754E+01	0.000E+00	0.000E+00	1.779E+02



BISAR 3.0 - Block Report

KR5 sr s1

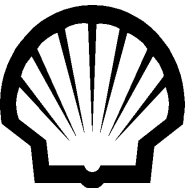
System 6: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	4	0.000E+00	0.000E+00	3.600E-01	1.204E-01	1.204E-01	-5.924E-02	2.335E+01	2.335E+01	-2.654E+01	0.000E+00	0.000E+00	1.776E+02
2	4	0.000E+00	0.000E+00	3.700E-01	1.266E-01	1.266E-01	-5.233E-02	2.401E+01	2.401E+01	-2.569E+01	0.000E+00	0.000E+00	1.773E+02
3	4	0.000E+00	0.000E+00	3.800E-01	1.332E-01	1.332E-01	-4.592E-02	2.475E+01	2.475E+01	-2.500E+01	0.000E+00	0.000E+00	1.771E+02
4	4	0.000E+00	0.000E+00	3.900E-01	1.402E-01	1.402E-01	-4.001E-02	2.559E+01	2.559E+01	-2.447E+01	0.000E+00	0.000E+00	1.768E+02
5	4	0.000E+00	0.000E+00	4.000E-01	1.476E-01	1.476E-01	-3.460E-02	2.653E+01	2.652E+01	-2.409E+01	0.000E+00	0.000E+00	1.766E+02
6	4	0.000E+00	0.000E+00	4.100E-01	1.555E-01	1.555E-01	-2.971E-02	2.757E+01	2.757E+01	-2.388E+01	0.000E+00	0.000E+00	1.764E+02
7	4	0.000E+00	0.000E+00	4.200E-01	1.639E-01	1.639E-01	-2.533E-02	2.872E+01	2.872E+01	-2.384E+01	0.000E+00	0.000E+00	1.761E+02
8	4	0.000E+00	0.000E+00	4.300E-01	1.728E-01	1.728E-01	-2.149E-02	2.999E+01	2.999E+01	-2.397E+01	0.000E+00	0.000E+00	1.759E+02



BISAR 3.0 - Block Report

KR5 sr s1

System 7: (untitled)

Structure

Loads

Layer Number	Thickness (m)	Modulus of Elasticity (MPa)	Poisson's Ratio	Load Number	Vertical		Horizontal (Shear)		Radius (m)	X-Coord (m)	Y-Coord (m)	Shear Angle (Degrees)
					Load (kN)	Stress (MPa)	Load (kN)	Stress (MPa)				
1	0.050	1.030E+04	0.30	1	5.750E+01	7.000E-01	0.000E+00	0.000E+00	1.617E-01	0.000E+00	0.000E+00	0.000E+00
2	0.080	1.010E+04	0.30									
3	0.150	9.600E+03	0.30									
4	0.200	4.500E+03	0.25									
5		1.000E+02	0.35									

Position Number	Layer Number	X-Coord (m)	Y-Coord (m)	Depth (m)	Stresses			Strains			Displacements		
					XX (MPa)	YY (MPa)	ZZ (MPa)	XX μ strain	YY μ strain	ZZ μ strain	UX (μ m)	UY (μ m)	UZ (μ m)
1	4	0.000E+00	0.000E+00	4.400E-01	1.823E-01	1.823E-01	-1.822E-02	3.139E+01	3.139E+01	-2.430E+01	0.000E+00	0.000E+00	1.756E+02
2	4	0.000E+00	0.000E+00	4.500E-01	1.924E-01	1.924E-01	-1.553E-02	3.292E+01	3.292E+01	-2.483E+01	0.000E+00	0.000E+00	1.754E+02
3	4	0.000E+00	0.000E+00	4.600E-01	2.032E-01	2.032E-01	-1.348E-02	3.461E+01	3.461E+01	-2.557E+01	0.000E+00	0.000E+00	1.751E+02
4	4	0.000E+00	0.000E+00	4.700E-01	2.147E-01	2.147E-01	-1.212E-02	3.646E+01	3.646E+01	-2.655E+01	0.000E+00	0.000E+00	1.749E+02
5	4	0.000E+00	0.000E+00	4.800E-01	2.271E-01	2.271E-01	-1.149E-02	3.848E+01	3.848E+01	-2.778E+01	0.000E+00	0.000E+00	1.746E+02
6	5	0.000E+00	0.000E+00	4.810E-01	-2.696E-04	-2.700E-04	-1.147E-02	3.839E+01	3.839E+01	-1.128E+02	0.000E+00	0.000E+00	1.745E+02
7	5	0.000E+00	0.000E+00	4.900E-01	-2.886E-04	-2.891E-04	-1.127E-02	3.755E+01	3.755E+01	-1.106E+02	0.000E+00	0.000E+00	1.735E+02
8	5	0.000E+00	0.000E+00	5.000E-01	-3.076E-04	-3.080E-04	-1.105E-02	3.667E+01	3.666E+01	-1.083E+02	0.000E+00	0.000E+00	1.724E+02