

Data Riser untuk Tugas Besar

| Parameter | | Unit | Rigid Riser | | | | | | | | | | |
|-----------------|-----|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Outer Diameter | | inch | 24.00 | 16.00 | 16.00 | 10.75 | 12.75 | 8.63 | 20.00 | 8.63 | 12.75 | 16.00 | 16.00 |
| Material | | - | API 5L X-65 | API 5L X-60 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 |
| SMYS | | ksi | 65 | 60 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Design pressure | | psi | 1315 | 1350 | 1400 | 230 | 1420 | 260 | 250 | 230 | 230 | 230 | 230 |
| Fluid Content | | - | Gas | Gas | Multiphase | Multiphase | Gas | Gas | Gas | Oil | Oil | Gas | Gas |
| Kedalaman | HAT | m | 31 | 11 | 38 | 39 | 44 | 45 | 16 | 23 | 22 | 38 | 43 |
| | LAT | m | 43 | 32 | 41 | 39 | 45 | 46 | 22 | 31 | 29 | 42 | 45 |

| Parameter | | Unit | Rigid Riser | | | | | | TTR PIP (Outer Casing) | | TTR PIP (Inner Tube) | | SCR |
|--------------------------|-----|------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|------------------------------------|------------------------------------|-------------|
| | | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Outer Diameter | | inch | 16 | 12.75 | 12.75 | 8.625 | 16 | 12.75 | 9.63 | 9.63 | 4.50 | 4.50 | 6.63 |
| Material | | - | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-52 | API 5L X-80 | API 5L X-80 | API 5L X-80 | API 5L X-80 | API 5L X-52 |
| SMYS | | ksi | 52 | 52 | 52 | 52 | 52 | 52 | 80 | 80 | 80 | 80 | 52 |
| Design pressure | | psi | 1400 | 1400 | 260 | 285 | 285 | 655 | 4000 | 4000 | 5000 (outer tube pressure 4000psi) | 5000 (outer tube pressure 4000psi) | 2002.97 |
| Tekanan Operasi Maksimum | | psi | | | | | | | | | | | |
| Fluid Content | | - | Gas | Multiphase | Oil | Gas | Gas | Oil | Multiphase | Multiphase | Gas | Gas | Wet Gas |
| Kedalaman | HAT | m | 9.6 | 33 | 41.5 | 40.9 | 27 | 30 | 38 | 63 | 38 | 63 | 29 |
| | LAT | m | 30 | 35.5 | 43.5 | 41.5 | 41 | 33.5 | 40 | 65 | 40 | 65 | 29.8 |

| Parameter | | Unit | SCR | |
|--------------------------|-----|------|-------------|-------------|
| | | | 23 | 24 |
| Outer Diameter | | inch | 16.00 | 16.00 |
| Material | | - | API 5L X-65 | API 5L X-65 |
| SMYS | | ksi | 65 | 65 |
| Design pressure | | psi | 2002.97 | 2002.97 |
| Tekanan Operasi Maksimum | | psi | | |
| Fluid Content | | - | Multiphase | Multiphase |
| Kedalaman | HAT | m | 29 | 29 |
| | LAT | m | 29.8 | 29.8 |

Pembagian Data Riser Kelompok

| Team | Data 1 ID | Data 2 ID |
|---------|-----------|-----------|
| Team 1 | 21 | 13 |
| Team 2 | 23 | 15 |
| Team 3 | 22 | 8 |
| Team 4 | 22 | 10 |
| Team 5 | 24 | 14 |
| Team 6 | 19 | 5 |
| Team 7 | 18 | 11 |
| Team 8 | 20 | 3 |
| Team 9 | 20 | 17 |
| Team 10 | 18 | 6 |
| Team 11 | 19 | 7 |