

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								
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
	LAT	m	43	32	41	39	45	46	22	31	29	42

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-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
	LAT	m	30	35.5	43.5	41.5	41	33.5	40	65	40	65

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
	LAT	m	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