



PB San Jacinto

Specifications

PRINCIPLE CHARACTERISTICS:

Flag	:	Indonesia
Owners	:	PT. PUTRI KENCANA RAYA
IMO No.	:	8763593
Call Sign	:	HO2386
Class society	:	ABS
Class notation	:	+A1 Floating Production, Storage and Offloading System
Gross tonnage	:	4.634 ton
Deadweight	:	9,551.66 ton
L.B.P	:	100.49 m
L.O.A	:	100.49 m (346 ft)
Breadth Moulded	:	21.44 m (68.5 ft)
Depth Moulded	:	8.5 m (27.8 ft)
Net Registered Tonnage	:	3,867 ton
Accommodation	:	27 pax

PROCESSING CAPABILITY:

	<u>EXISTING</u>	<u>UPGRADE (OPTIONS A/B)</u>
Inlet manifold	: 4 wells	UPTO 4 inlet
Oil	: 20,000 BOPD	6,000 – 10,000 BOPD
Water	: 16,000 BWPD	4,000 – 6,000 BOPD
Total fluids	: 10,000 BFPD	10,000 – 15,000 BWPD
Gas	: 66 MMSCFD	75 – 100 MMSCFD
Gas Lift Compression	: 1 MMSCFD	N/A
Produced Water Quality	: 0.25% BS&W	Less 15 PPM

FLARE : **15 MMSCFD**

SEPARATOR CONFIGURATION	:	Inlet Heater Test Inlet Heater Production 1 st Stage Separator Test Separator 2 nd Stage Separator 3 rd Electrostatic Treater All Separator equipped with sand jets Fuel Gas from 1 st Stage Separator	Additional Inlet Compression Water Treatment and Pumping Facilities
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	<u>EXISTING</u>	<u>UPGRADE (OPTIONS A/B)</u>
MOORING SYSTEM	: 8-point wire windlass, hydraulically-driven 50 T line hold 2.5" wire x 1,440 ft Wire + Chain or chain only as required	
STORAGE CAPACITIES		
Oil/Produced Water	: 53,000 bbls in 11 separate tanks	
Slops	: 4 units	
Diesel fuel	: 12,500 bbl in 2 separate tanks	
Fresh water	: 4,250 bbl in 2 tanks 2,000 bbl	
CRANE	: 15 Ton diesel driven	Additional 25 Ton Crane
POWER GENERATION	: 1x450 kw generator, gas driven 1x450 kw generator, diesel driven 480 VAC, 3 phase, 60 Hz Generators capable of parallel operation	
PROCESS BOOSTER PUMP	: 2 Unit 15,000 BPD @7 Bar	Additional Oil Pump To Reinject To Pipeline
NITROGEN GENERATOR	: 45 SCFM from Compressed Air	
INSTRUMENT AIR COMPRESSORS	: 1x190 scfm, 90 psi, electrically- driven 1x190 scfm, 90 psi, diesel driven Regenerative air dryer	
CHEMICAL INJECTION	: 4 station	
WATER MAKER	: 2 Unit R.O x 20 ton/day	
TANK HEATING	: All tanks – Hot Oil System Dual Fuel Diesel / Gas All tanks heated up to 170 deg F	
VSD GENERATOR	: 3 Unit 3516 Caterpillar Genset	

EXISTING

UPGRADE (OPTIONS A/B)

SAFETY AND LIFESAVING	:	Enclosed lifeboat, 14 pax 2 x inflatable life raft, 10 pax/ea 2 x diesel-driven fire pumps Foam (process area & helideck) Fire and gas detection system
EMERGENCY ACCOMMODATION	:	6 Pax incl. messing & bathroom
COMMUNICATIONS	:	Fixed VHF Portable VHF Public address system
OFFLOADING SYSTEM	:	2 x diesel driven pumps 6,000 bbl/hr total
OPERATOR ACCOMMODATION	:	see LQ Options