

GAS TREATMENT REFERENCES

CO₂ MEMBRANES

EOR CO₂ FIELD EXPANSION

LOCATION: West Texas, USA
EQUIPMENT: 8 x 36 tube membrane skid packages
APPLICATION: EOR CO₂ recovery
MEMBRANE TYPE: Spiral bound

FEED FLOW: 220 MMSCFD
CO₂: 88.17%
RESIDUE CO₂: 10%



CO₂ MEMBRANES

NATURAL GAS SWEETENING

LOCATION: California, USA
EQUIPMENT:
2 X Forced air draft coolers
2 X Pretreatment skids
2 X 42 tube membrane skids

MEMBRANE TYPE: Spiral bound
APPLICATION: CO₂ sweetening

FEED FLOW: 150 MMSCFD
CO₂: 3.0 %
RESIDUE CO₂: <1.5%



FUEL GAS CONDITIONING

FIELD COMPRESSION

LOCATION: MALAYSIA
EQUIPMENT: Fuel gas and seal gas package

FUEL GAS FLOW RATE : 17MMSCFD
OUTLET GAS SUPERHEAT: 400C differential temperature above the dew point at all operating pressure level.
SEAL GAS AT A FLOW RATE: 0.8MMSCFD
OUTLET GAS SUPERHEAT: 400C
PERFORMANCE: Dry fuel gas at superheat 280C above its Hydrocarbon Dewpoint in all operating cases.



TEG GAS DEHYDRATION

FPU SEMI SUB

LOCATION: MALAYSIA
EQUIPMENT: TEG regeneration package
EQUIPMENT SIZE (LXWXH): 12M X 5.5M X 14M
PERFORMANCE: Lean TEG flowrate = 7.0 m³/hr



NITROGEN GENERATION

TGT FPSO FIELD DEVLEOPMENT

LOCATION: OFFSHORE VIETNAM
EQUIPMENT: Nitrogen generator package
EQUIPMENT SIZE (LXWXH): 5.3m x 3.2m x 5.9m

PERFORMANCE: Nitrogen Gas - higher purity ≥ 97% volume at 220 Sm³/hr



H₂S SCAVENGING

H₂S SCAVENGING PROJECT

LOCATION: Norwegian sea
EQUIPMENT: One 8" ProScav scavenger injection mixer. Length: 1250 mm

FLOW RATE (KG/H): 0.25 – 2 (MIN-MAX)
INLET PRESSURE (P) (BAR): 38
OPERATING TEMPERATURE (T) (°C): 60

