



NOTES

REFER TO LEGEND SHEETS 168397-100-PR-PI-0001 TO 0012 FOR DETAILS OF PIPING CLASS, INSULATION, EQUIPMENT TYPES, INSTRUMENT DETAILS, VALVES AND SPECIFIC HOOK-UP REQUIREMENTS.

- 3D BENDS (SP-1607) TO BE USED FOR CHANGES IN FLOWLINE PIPING.
- SAND DETECTOR IS LOCATED AT FIRST BEND DOWNSTREAM OF CHOKE VALVE. NON INTRUSIVE SAND DETECTION INSTRUMENT.
- HOSE CONNECTIONS PROVIDED IN THE WELL BAY AREA TO ALLOW DEPRESSURISATION OF THE ANNULI. HOSES TO BE DISCONNECTED AND CONNECTIONS BLINDED WHEN NOT IN USE. TO AVOID CROSS CONNECTION EACH ANNULUS TO BE DEPRESSURISED SEPARATELY. HOSE TO BE SUPPLIED TO S15B RATING WITH ONE END CONNECTION S15B RTJ WELD NECK FLANGE. OTHER END E25A HUB CONNECTOR.
- INHIBIT WING VALVE OPENING IF CHOKE VALVE NOT FULLY CLOSED.
- HAND WHEELS ON CHOKE VALVES TO BE LOCKED WHEN IN THE AUTO POSITION. WHEN IN MANUAL, THE HANDWHEEL IS NOT LOCKED.
- CHECK VALVE ON FLOWLINE TO BE LOCATED UPSTREAM OF FLOWLINE LOW POINT.
- LINE MAY BE SUBJECT TO SLUGGING.
- STATUS INFORMATION REPEATED FROM SURFACE DATA ACQUISITION SYSTEM AND SAND MONITORING SYSTEM TO DATA MANAGEMENT SYSTEM.
- FLOW METER TO HAVE MINIMUM STRAIGHT LENGTHS AS SPECIFIED BY INSTRUMENT GROUP.
- INJECTION QUILL ASSEMBLY.
- DELETED.
- CONNECTION FOR CONTINGENCY INJECTION OF METHANOL.
- SAMPLE CONNECTION TO BE IN VERTICAL SECTION OF PIPE.
- LIMIT OF WELLHEAD PLATFORM TOPSIDE ASSEMBLY (PED).
- CONNECTION POINT FOR CHEMICAL INJECTION.
- ALLOCATION METERING SYSTEM.
- SAMPLE STATION IS CONNECTED TO 10 WELL FLOWLINES. REFER TO P&ID 168397-100-PR-PI-0012-01 FOR SAMPLE STATION DETAILS.
- GLOBE VALVES MV-06028E, MV-06024E & MV-06013E TO BE FITTED WITH REDUCED TRIM DUE TO LARGE HP/LP INTERFACE (MAX CV = 1.5).
- ANY FUTURE CONNECTIONS TO THE SERVICE WING VALVE SHALL BE PROVIDED WITH APPROPRIATE CHECK VALVES TO PREVENT BACK FLOW.
- INTERVAL CONTROL VALVE.
- PRESSURE TRANSMITTER IN CLOSED COUPLED ARRANGEMENT.
- GE C77 CONTROL LINE DOUBLE BLOCK VALVES.
- STAB PLATE.
- SHORT RUN OF AUTO CLAVE INSTRUMENT TUBING BETWEEN SP2102 AND N10.
- CHOKE VALVE TO BE CLOSED BY PCS WHEN ASSOCIATED WING VALVE IS CLOSED. UNLESS CHOKE VALVE IS IN LOCAL/MANUAL OPERATION.
- REDUCING SPOOL PIECE FITTED TO HOSE (SP-2103) TO ALLOW CONNECTION TO 'A' ANNULUS VENT.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z5	15/08/23	AS-BUILT FOR GMOC0341	SD	GDTL	GDTL	M
Z4	06.01.22	AS-BUILT FOR GMOC0611	TPK	GDTL	JL	TR
Z3	20.06.18	AS-BUILT FOR GMOC0281	LM	AWC	AWC	TR
Z2	21/12/17	AS-BUILT FOR GMOC0100	LM	JL	JL	TR
Z1	28.09.16	AS-BUILT FOR GMOC0001	LM	AH	AH	PA



TITLE:
PIPING & INSTRUMENT DIAGRAM
TOPSIDE SLOT 05
PRODUCTION WELLHEAD X-0605

SCALE (A1):	NTS
ASSAI No:	
CONTRACT No:	007939
CLIENT CONTRACT No:	GEA-CT -CON-00808
DRAWING No.	GEA-007939-440-PR-PI-0609-01
REV	Z5