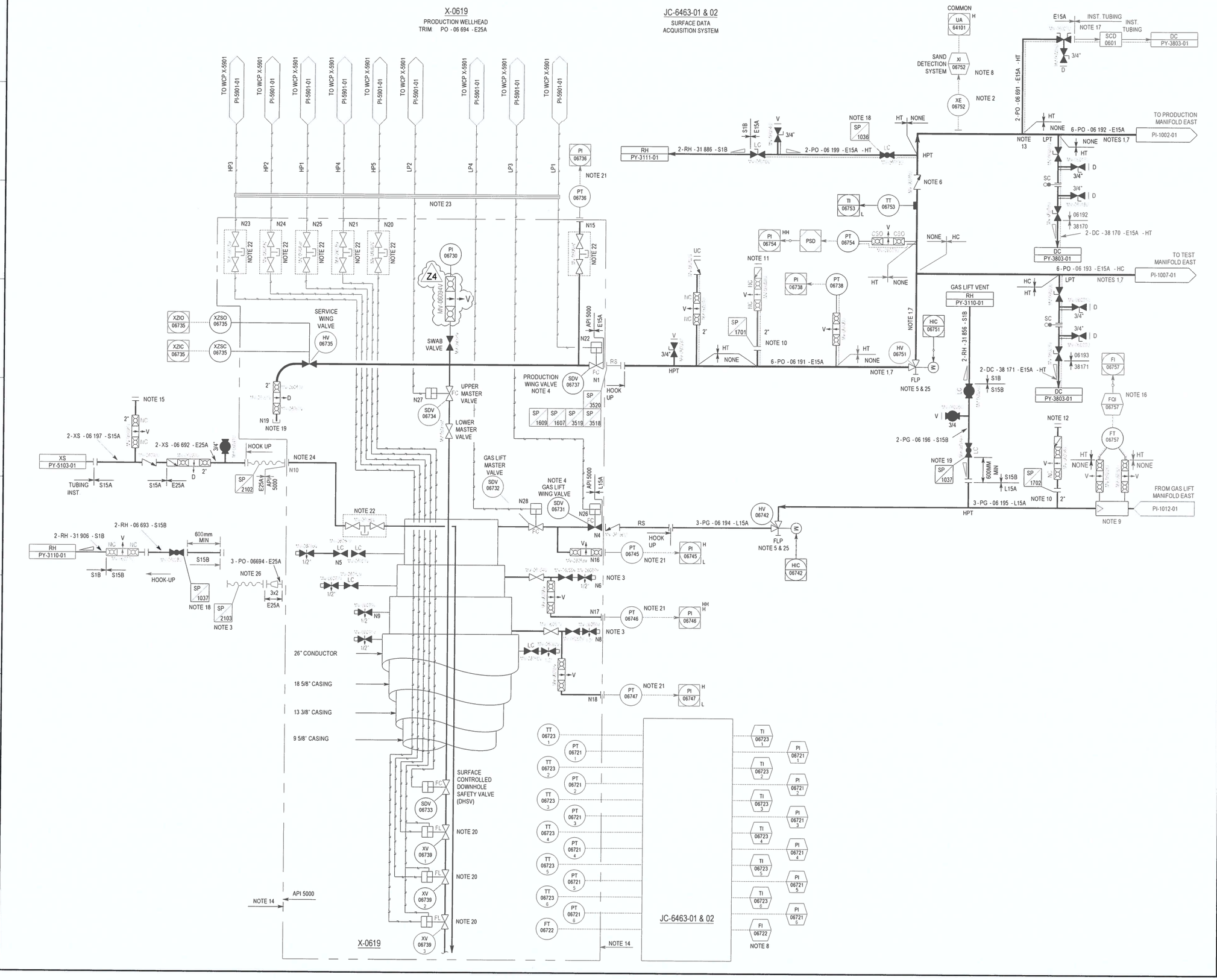


## NOTES

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.

1. 3D BENDS (SP-1607) TO BE USED FOR CHANGES IN FLOWLINE PIPING.
2. SAND DETECTOR IS LOCATED AT FIRST BEND DOWNSTREAM OF CHOKE VALVE. NON-INTRUSIVE SAND DETECTION INSTRUMENT.
3. 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.
4. INHIBIT WING VALVE OPENING IF CHOKE VALVE NOT FULLY CLOSED.
5. HAND WHEELS ON CHOKE VALVES TO BE LOCKED WHEN IN THE AUTO POSITION. WHEN IN MANUAL, THE HANDWHEEL IS NOT LOCKED.
6. CHECK VALVE ON FLOWLINE TO BE LOCATED UPSTREAM OF FLOWLINE LOW POINT.
7. LINE MAY BE SUBJECT TO SLUGGING.
8. STATUS INFORMATION REPEATED FROM SURFACE DATA ACQUISITION SYSTEM AND SAND MONITORING SYSTEM TO DATA MANAGEMENT SYSTEM.
9. FLOW METER TO HAVE MINIMUM STRAIGHT LENGTHS AS SPECIFIED BY INSTRUMENT GROUP.
10. INJECTION QUILL ASSEMBLY.
11. CONNECTION FOR CONTINGENCY INJECTION OF METHANOL OR SCALE INHIBITOR.
12. CONNECTION FOR CONTINGENCY INJECTION OF METHANOL.
13. SAMPLE CONNECTION TO BE IN VERTICAL SECTION OF PIPE.
14. LIMIT OF WELLHEAD PLATFORM TOPSIDES ASSEMBLY (PED).
15. CONNECTION POINT FOR CHEMICAL INJECTION.
16. ALLOCATION METERING SYSTEM.
17. SAMPLE STATION IS CONNECTED TO 10 WELL FLOWLINES. REFER TO P&ID 168397-100-PR-PI-0012-01 FOR SAMPLE STATION DETAILS.
18. GLOBE VALVES MV-06028U, MV-06024U & MV-06013U TO BE FITTED WITH REDUCED TRIM DUE TO LARGE HP/LP INTERFACE. (MAX CV = 1.5).
19. ANY FUTURE CONNECTIONS TO THE SERVICE WING VALVE SHALL BE PROVIDED WITH APPROPRIATE CHECK VALVES TO PREVENT BACKFLOW.
20. INTERVAL CONTROL VALVE.
21. PRESSURE TRANSMITTER IN CLOSE-COUPLED ARRANGEMENT.
22. GE C77 CONTROL LINE DOUBLE BLOCK VALVE.
23. STAB PLATE.
24. SHORT RUN OF AUTOCLAVE INSTRUMENT TUBING BETWEEN SP-2102 & N10.
25. CHOKE VALVE TO BE CLOSED BY PCS WHEN ASSOCIATED WING VALVE IS CLOSED. UNLESS CHOKE VALVE IS IN LOCAL/MANUAL OPERATION.
26. REDUCING SPOOL PIECE FITTED TO HOSE (SP-2103) TO ALLOW CONNECTION TO 'A' ANNULUS VENT.

| REV | DATE | DESCRIPTION | DRN | CHK | APP | CLT |
|---|---|---|---|---|---|---|
| Z4 | 15/08/23 | AS-BUILT FOR GMOC0341 | SD | GDTL | GDTL | |
| 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 | 07/07/16 | AS-BUILT FOR GMOC0001 | ppLM | SC | PK | TR |

cnooc

Golden Eagle
Golden Eagle Area Development

Worley
energy | chemicals | resources

TITLE:
PROCESS AND INSTRUMENT DIAGRAM
TOPSIDE SLOT 19
PRODUCTION WELLHEAD X-0619

SCALE (A1): N.T.S.

ASSAI No:

CONTRACT No: 007939

CLIENT CONTRACT No:

DRAWING No. GEA-007939-440-PR-PI-0614-01

REV Z4