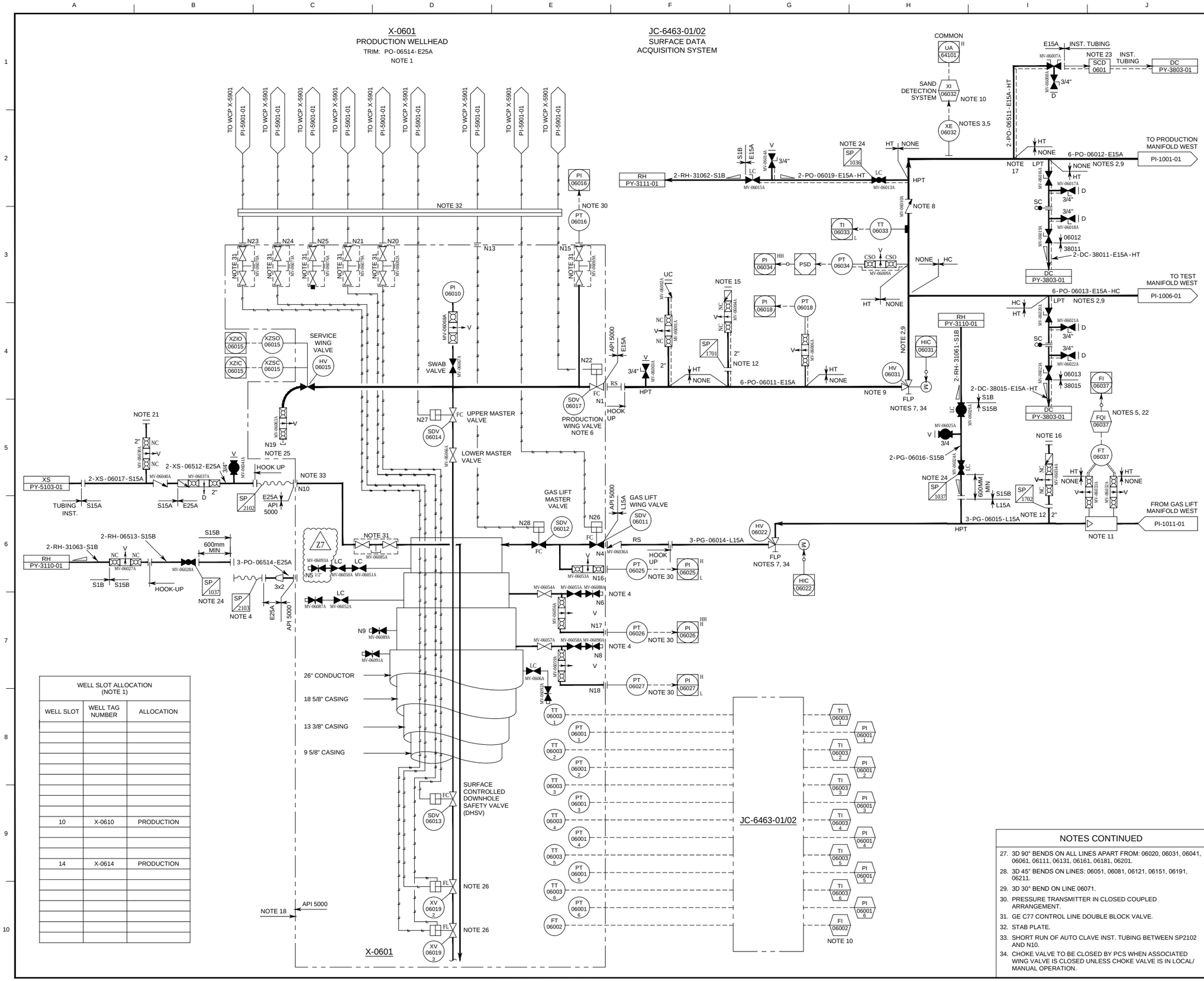

WELL SLOT ALLOCATION (NOTE 1)		
WELL SLOT	WELL TAG NUMBER	ALLOCATION
10	X-0610	PRODUCTION
14	X-0614	PRODUCTION

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. P&ID REPRESENTS TYPICAL HOOK-UP FOR THE TABULATED PRODUCING WELLS. LINE AND TAG NUMBER INFORMATION IS PROVIDED FOR A TYPICAL WELL SLOT ONLY (01). FOR SPECIFIC LINE AND TAG NUMBERS FOR EACH PRODUCTION WELL SLOT REFER TO P&ID PI-0601-02/03.
2. 3D BENDS (SP-1607) TO BE USED FOR CHANGES IN FLOWLINE PIPING.
3. SAND DETECTOR IS LOCATED AT FIRST BEND DOWNSTREAM OF CHOKE VALVE.
4. 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.
5. NON-INTRUSIVE SAND DETECTION INSTRUMENT.
6. INHIBIT WING VALVE OPENING IF CHOKE VALVE NOT FULLY CLOSED.
7. HAND WHEELS ON CHOKE VALVES TO BE LOCKED WHEN IN THE AUTO POSITION. WHEN IN MANUAL, THE HANDWHEEL IS NOT LOCKED.
8. CHECK VALVE ON FLOWLINE TO BE LOCATED UPSTREAM OF FLOWLINE LOW POINT.
9. LINE MAY BE SUBJECT TO SLUGGING.
10. STATUS INFORMATION REPEATED FROM SURFACE DATA ACQUISITION SYSTEM AND SAND MONITORING SYSTEM TO DATA MANAGEMENT SYSTEM.
11. FLOW METER TO HAVE MINIMUM STRAIGHT LENGTHS AS SPECIFIED BY INSTRUMENT GROUP.
12. INJECTION QUILL ASSEMBLY.
13 & 14 DELETED.
15. CONNECTION FOR CONTINGENCY INJECTION OF METHANOL OR SCALE INHIBITOR.
16. CONNECTION FOR CONTINGENCY INJECTION OF METHANOL.
17. SAMPLE CONNECTION TO BE IN VERTICAL SECTION OF PIPE.
18. LIMIT OF WELLHEAD PLATFORM TOPSIDES ASSEMBLY (PED).
19. DELETED.
20. DELETED.
21. HOSE CONNECTION FOR CONNECTION TO INJECTION POINT UPSTREAM OF CHOKE.
22. ALLOCATION METERING SYSTEM.
23. TWO SAMPLE STATIONS PROVIDED: SCD0601 AND SCD0602, EACH SERVING ONE OF THE PRODUCTION MANIFOLD AREAS. EACH SAMPLE STATION IS CONNECTED TO 10 WELL FLOWLINES. REFER TO P&ID 168397-100-PR-PI-0012-01 FOR SAMPLE STATION DETAILS AND P&ID 168397-100-PR-PI-0601-02/03 FOR WELL TO SAMPLE STATION CONNECTION.
24. GLOBE VALVE TO BE FITTED WITH REDUCED TRIM DUE TO LARGE HP/LP INTERFACE. (MAX CV = 1.5).
25. ANY FUTURE CONNECTIONS TO THE SERVICE WING VALVE SHALL BE PROVIDED WITH APPROPRIATE CHECK VALVES TO PREVENT BACK FLOW.
26. INTERVAL CONTROL VALVE.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z3	23/05/17	AS-BUILT FOR GIC0039	LM	RS	RS	TR
Z2	29/09/16	AS BUILT FOR GMOC0001	LM	AH	AH	TR
Z7	24.06.20	AS BUILT FOR GIC0094	JL	JL	JL	TR
Z6	20.06.18	AS BUILT FOR GMOC0281	LM	AWC	AWC	TR
Z5	02/03/18	AS-BUILT FOR GIC0053	LM	JL	JL	TR
Z4	21/12/17	AS-BUILT FOR GMOC0100	LM	JL	JL	TR

NOTES CONTINUED

27. 3D 90° BENDS ON ALL LINES APART FROM: 06020, 06031, 06041, 06061, 06111, 06131, 06161, 06181, 06201.
28. 3D 45° BENDS ON LINES: 06051, 06081, 06121, 06151, 06191, 06211.
29. 3D 30° BEND ON LINE 06071.
30. PRESSURE TRANSMITTER IN CLOSED COUPLED ARRANGEMENT.
31. GE C77 CONTROL LINE DOUBLE BLOCK VALVE.
32. STAB PLATE.
33. SHORT RUN OF AUTO CLAVE INST. TUBING BETWEEN SP2102 AND N10.
34. CHOKE VALVE TO BE CLOSED BY PCS WHEN ASSOCIATED WING VALVE IS CLOSED UNLESS CHOKE VALVE IS IN LOCAL/ MANUAL OPERATION.

cnooc

Golden Eagle
Golden Eagle Area Development

Worley
energy | chemicals | resources

TITLE: PIPING AND INSTRUMENT DIAGRAM
TOPSIDE SLOT 01
PRODUCTION WELLHEAD
X-0601
(TYPICAL PRODUCING WELL)

SCALE (A1): NTS

ASSAI No: PR18PU011

CONTRACT No: 168397

CLIENT CONTRACT No: GEA-CT -CON-00808

DRAWING No. 168397 - 100 - PR - PI - 0601 - 01

REV Z7

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