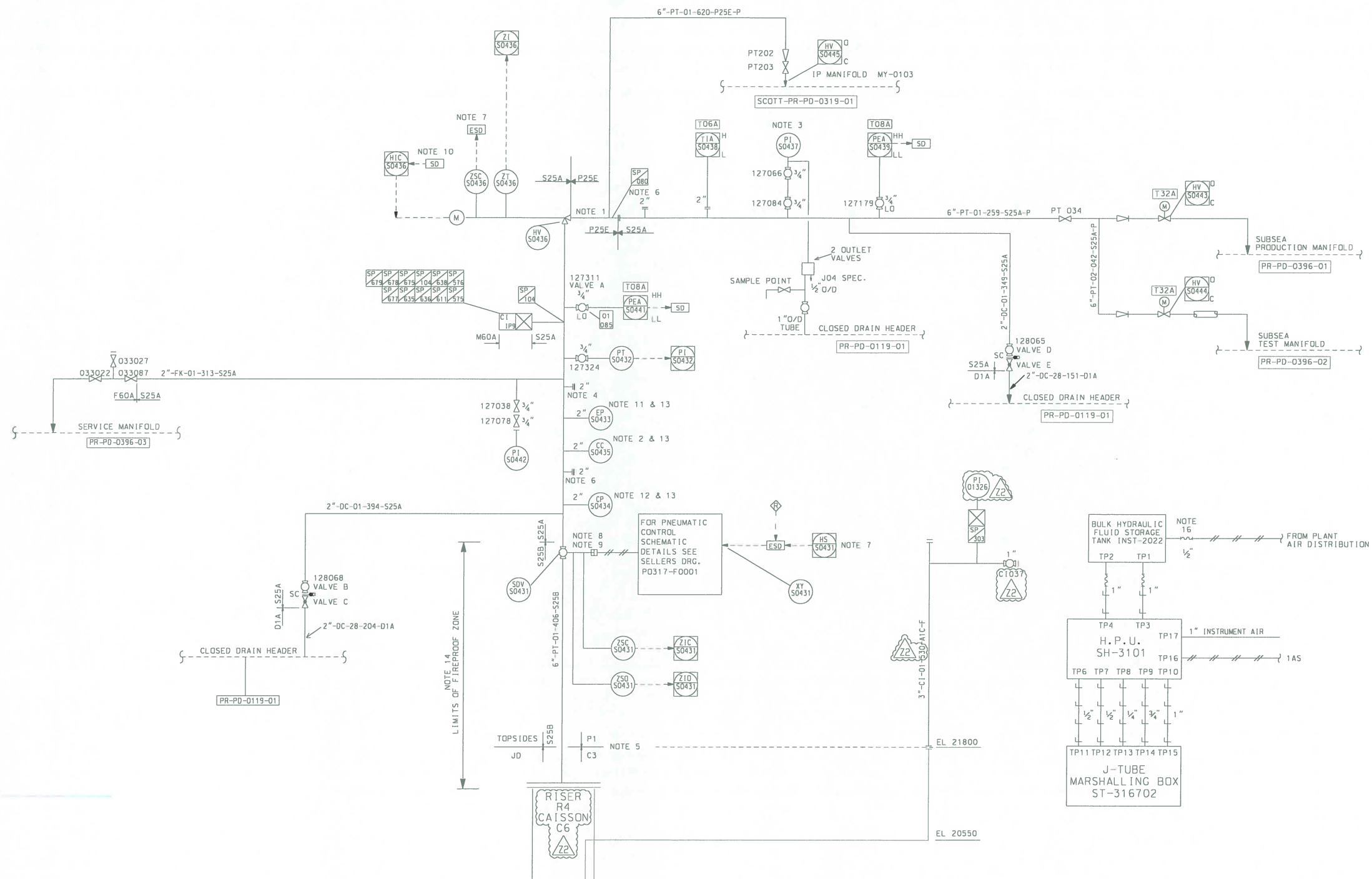


COMPLETION OF SUBSEA
PRODUCTION WELL SOUTH SCOTT E1y/E2z (S04)
SLOT A1



1. EROSION PROTECTION, REINFORCED OR CLADDED SPOOL PIECE.
2. CORROSION COUPON ASSEMBLYS. THIS NEEDS TO BE ACCESSED BY THE RETRIEVAL TOOL AND LOCATED AT BEND OUTLET IN VERTICAL SECTION OF THE FLOWLINE.
3. INST. CONNECTIONS etc. TO BE ON TOP OF LINE OR VERTICAL RUN TO AVOID SAND BLOCKAGE.
4. CONNECTIONS FOR THE FUTURE INSTALLATION OF ULTRASONIC SAND MONITORING PROBES. SAND PROBES TO HAVE STRAIGHT LENGTHS OF 100 UPSTREAM AND 50 DOWNSTREAM.
5. HOOK-UP INTERFACE NOS. 301-308.
6. MULTI-PURPOSE CHEMICAL INJECTION CONNECTION.
7. FLOWLINE SHUTDOWN VALVE (SDV-S0431) AND CHOKE VALVE (HV-S0436) ARE TO BE INTERLOCKED SUCH THAT SDV-S0431 CANNOT BE OPENED UNTIL HV-S0436 IS CLOSED. (LIMIT SWITCH INTERLOCK IN ESD) ON SHUTDOWN SDV-S0431 WILL CLOSE IRRESPECTIVE OF CHOKE POSITION.
8. SDV-S0431 SHALL BE LOCATED AS CLOSE TO THE TOPSIDES/JD INTERFACE AS PRACTICABLE.
9. SDV S0431 TO BE A WELDED IN VALVE.
10. CHOKE VALVE HV S0436 IS DRIVEN CLOSED ON SHUTDOWN FROM ESD SYSTEM VIA DCS.
11. CONNECTION FOR THE INTRUSIVE SAND EROSION PROBE TO HAVE STRAIGHT LENGTHS OF 100 UPSTREAM AND 50 DOWN STREAM AND ALSO BE LOCATED IN VERTICAL SECTION ON THE FLOW LINE.
12. CORROSION PROBE NOZZLE TO BE LOCATED AT THE BOTTOM OF THE HORIZONTAL SECTION OF THE FLOW LINE AND DOES NOT NEED TO BE RETRIEVED UNDER LINE PRESSURE.
13. CORROSION COUPONS, CORROSION PROBES AND SAND EROSION PROBES ALL HAVE 2" ACCESS FITTINGS (FLARE WELD TYPE). CONNECTIONS TO BE SUPPLIED BY INSTRUMENTS.
14. FIREPROOFED ZONE. PIPE AND ATTACHMENTS TO BE INSULATED WITH CHARTEK. REF. PIPE SUPPORT SCHEDULES AND FIRE INSULATION OF PIPE SUPPORTS SEE DRG No. SCOTT-FW-18261-SK-L-156 INSULATION LIMITS FROM INTERFACE AT EL 21500 TO ANCHOR SOUTH OF SDV S0431 SEE DRG. No. SCOTT-FW-CT-SP-0006
15. ~~DELETED~~
16. SEE SUBSEA CONTROLS TOPSIDE INTERFACE DIAGRAM DRG No. SCOTT-FE-0100-CU-DG-7001-01

ONLY ACTIVATED TRACE HEATING IS SHOWN ON P & ID. ALL OTHER INSTALLED TRACE HEATING IS NOT ACTIVATED AND NOT SHOWN ON P & ID.

FOR APPROVAL SIGNATURES SEE ARCHIVED DRAWING AT REV 0

REFERENCE DRAWINGS									
DRG No.	REV	TITLE							
Z2		AS BUILT FOR SIC0063	21/11/10	OD	SG	SG	AH	AH	TR
Z1		AS BUILT FOR SIC0030	21/02/11	DD	SG	SG	AH	AH	TR
12		AS BUILT PER SEQ-1473	01/10/10	KR	KJ	EM	MU	MU	TR
11		AS BUILT PER SEQ-1385	22/09/08	VM	EC	EC	AL	AL	GL
10		AS BUILT TO INCLUDE S1084	05/12/03	DT	SH		AH	DT	MS
REV		REASON FOR ISSUE	DATE	DRN	CKD	ENG CKD	L.E. APPD	NEXEN APPD	

REV	REASON FOR ISSUE	DATE	DRN	CKD	ENG CKD	L.E. APPD	NEXEN APPD

nexen Nexen Petroleum U.K. Limited Nexen House, Hareness Road, Altness, Aberdeen AB12 3LE Tel: (01224) 371100 Fax: (01224) 371101		SCOTT WorleyParsons resources & energy TITLE: PIPING & INSTRUMENT DIAGRAM SUBSEA COMPLETION PRODUCTION WELL SOUTH SCOTT E1y/E2z(S04) SLOT A1 DRAWING No. SCOTT-WG-0000-PR-PD-0397.08 PROJECT ORG AREAMOD DISC TYPE SEQ. No. SHT. REV SCALE
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