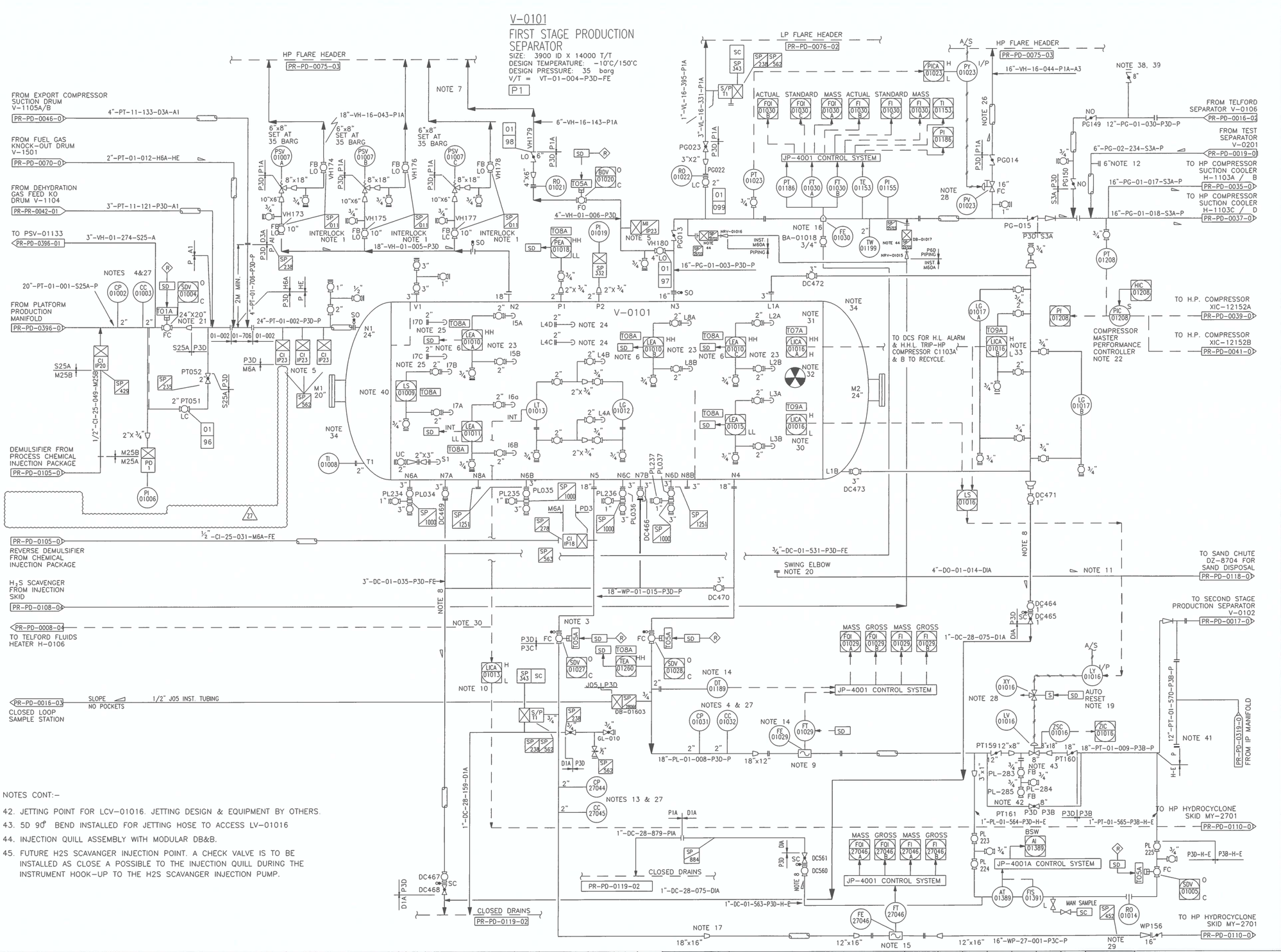

NOTES

1. INTERLOCK SPECIFIED FOR TWO VALVES ON LINE WITH ONE VALVE STAND-BY.
2. DELETED
3. LOCATE SDV 01027 AS CLOSE AS POSSIBLE TO V-0101.
4. ACCESS FITTINGS CONNECTIONS TO BE LOCATED AT THE TOP OF THE PIPE AND AND THE COUPON TO BE RETRACTABLE UNDER LINE PRESSURE.
5. FUTURE CHEMICAL INJECTION POINTS .
6. TWO FROM THREE VOTING.
7. PSV DISCHARGES TO SLOPE TOWARDS FLARE HEADER WITH NO POCKETS.MINIMUM SLOPE 1:50.
8. DRAIN LINES TO SLOPE TOWARDS COLLECTION HEADER.MINIMUM SLOPE 1:100.
9. MAXIMISE HEAD AVAILABLE FOR METERING PURPOSES.PROVIDE MINIMUM STRAIGHT LENGTHS 10D U/S,5D D/S.
10. CONTROL TO BE ON/OFF DURING EARLY PRODUCTION YEARS UNTIL PRODUCED WATER PRODUCTION IS SUFFICIENT TO ENABLE MODULATING CONTROL OF LV01013.
11. SAND DISPOSAL LINES TO SLOPE TOWARDS DISPOSAL SYSTEM WITH NO POCKETS. MAXIMISE SLOPE WHERE POSSIBLE.
12. TIE-IN FOR FUTURE SATELLITE FIELD SEPARATOR.
13. CORROSION PROBES AND COUPONS IN PRODUCED WATER SERVICE TO BE LOCATED TO GIVE ADEQUATE ACCESS IN ORDER THAT THEY MAY BE RETRACTABLE UNDER LINE PRESSURE.
14. FOE-01029 AND DT-01189 ARE SUPPLIED BY JP-4001 SELLER. DT-01189 LINE CONNECTION IS VIA A 2" ANSI CLASS 600 OUT OF SPEC FLANGE.
15. NON-INSTRUSIVE ULTRASONIC FLOWMETER.
16. COMPLETE ORIFICE METER-RUN ASSEMBLY WITH UPSTREAM AND DOWNSTREAM FLOW CONDITIONING PIPE RUN SECTIONS AND PRE-INSTALLED INSTRUMENTS BY JP-4001 SELLER.
17. LOCATE REDUCER A MINIMUM OF 5M FROM V-0101, NOZZLE N5.
18. DELETED.
19. AUTO RESET SOLENOID VALVE.
20. SAND DISPOSAL VIA HOSE CONNECTION TO TRANSPORTABLE TANKS.
21. LOCATE REDUCER A MINIMUM OF 5M FROM V0101, NOZZLE N1.
22. BY COMPRESSOR SELLER.
23. LEA-01010 A/B/C IS AN ANALOGUE TRANSMITTER.
24. NOZZLES L4C AND L4D ARE FOR RELOCATION OF LT-01013 AND LG-01012 IN CONJUNCTION WITH WEIR ADJUSTMENT.
25. NOZZLES L7C AND L7D ARE FOR RELOCATION OF LEAHH 01009 IN CONJUNCTION WITH WEIR ADJUSTMENT.
26. ACOUSTIC INSULATION TO HP FLARE HEADER.
27. CORROSION COUPONS AND CORROSION PROBES ALL HAVE 2" ACCESS FITTINGS (FLAREWELD TYPE) CONNECTIONS TO BE SUPPLIED BY INSTRUMENTS.
28. MILLI-AMPERE INDICATOR TO BE INSTALLED ADJACENT TO VALVE.
29. 90° ELBOW OUT OF SPEC.
30. EXISTING LT01016 RETAGGED LT01016B. NORMAL CONTROLS FOR SEPARATOR OIL/GAS LEVEL WILL BE BY NEUCLEONIC LEVEL TRANSMITTER LT01016. DURING RADIOGRAPHY LEVEL CONTROL WILL USE LT01016B.
31. LT01016A IS TO DETECT FOAMING AND WILL INITIATE A HIGH LEVEL ALARM AND AN HHL TRIP WILL PLACE THE COMPRESSOR IN RECYCLE.
32. RADIOACTIVE SOURCE HOLDER VESSEL PAD MOUNTED.
33. LT01016B IS WIRED TO DCS TO BE USED BY OPERATOR IF REQUIRED.
34. PERSONNEL PROTECTION INSULATION REMOVED FROM VESSEL.
35. ON FALLING INTERFACE LEVEL WITHIN THE SCOTT 1st STAGE PRODUCTION SEPERATOR THE INTERFACE LEVEL CONTROLLER WILL OVERIDE THE TEMPERATURE CONTROL ACTION (TIC-01350) AND CUT BACK THE PRODUCED WATER FLOW THROUGH TV-01350.
36. DELETED.
37. INJECTION TUBING TIE-IN TO EXISTING COSASCO INJECTION QUILL AND 1" NPT NEEDLE VALVE.
38. BLIND FLANGE FITTED WITH BLEED CONNECTION
39. CONNECTION FOR FUTURE TELFORD GAS TO IP COMPRESSOR SUCTION COOLER (TRAIN A & B)
40. INSTRUMENT LS 01009 DECOMISSIONED
41. FUTURE TELFORD CONNECTION, 12"NB.

REFERENCE DRAWINGS

DRG.No.	REV	TITLE

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	BY ENG	ENG CKD.	L.E. APP'D	CNOOC APP'D
Z5	AS BUILT AS PER SEQ1611	28/11/11	AC	SW	SW	NW	NW	TR
24	AS BUILT TO INCLUDE SEQ1493 & SEQ1301	01/02/10	DP	EM	EM	AW	NW	GL
23	AS BUILT TO INCLUDE SEQ1227	05/02/08	VM	CS	CS	AL	AL	GL
Z7	AS BUILT FOR SIC0109	17/02/23	SD	SD	SD	TF	TF	M
Z6	AS BUILT FOR SMOC1988	09/11/21	TPK	TPK	TPK	TF	JL	TR
Z5	AS BUILT FOR SIC0091	16/09/20	BMD	BMD	LM	LM	JL	TR

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	BY ENG	ENG CKD.	L.E. APP'D	CNOOC APP'D
Z4	AS-BUILT FOR SMOC2025	28/05/20	PCL	JL	LM	JL	JL	TR
Z3	AS-BUILT FOR SMOC2025 & 21131722	16/10/19	ppLM	LM	LM	JL	JL	
Z2	AS-BUILT FOR SMOC1971	17/10/18	ppLM	LM	LM	SG	SG	
Z1	AS-BUILT FOR SMOC1860	14/03/17	DD	LM	LM	JL	JL	TR
27	AS-BUILT FOR SCOTT-ME-TQ-0040	11/07/14	AG	FL	CE	AH	AH	TR
26	CORRECTIVE AS-BUILD FOR SEQ1493	09/07/13	KD	SAW			DR	TR

cnooc

THIS IS A C.A.D. PRODUCED DRAWING AND SHOULD NOT BE MANUALLY MODIFIED

SCOTT

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TITLE

PIPING & INSTRUMENT DIAGRAM
FIRST STAGE PRODUCTION SEPARATOR

DRAWING No. SCOTT-FW-0000-PR-PD-0016.01

PROJECT	ORIG	AREA/MOD	DISC	TYPE	SEQ. No.	SHT.		REV	SCALE
								Z7	NONE