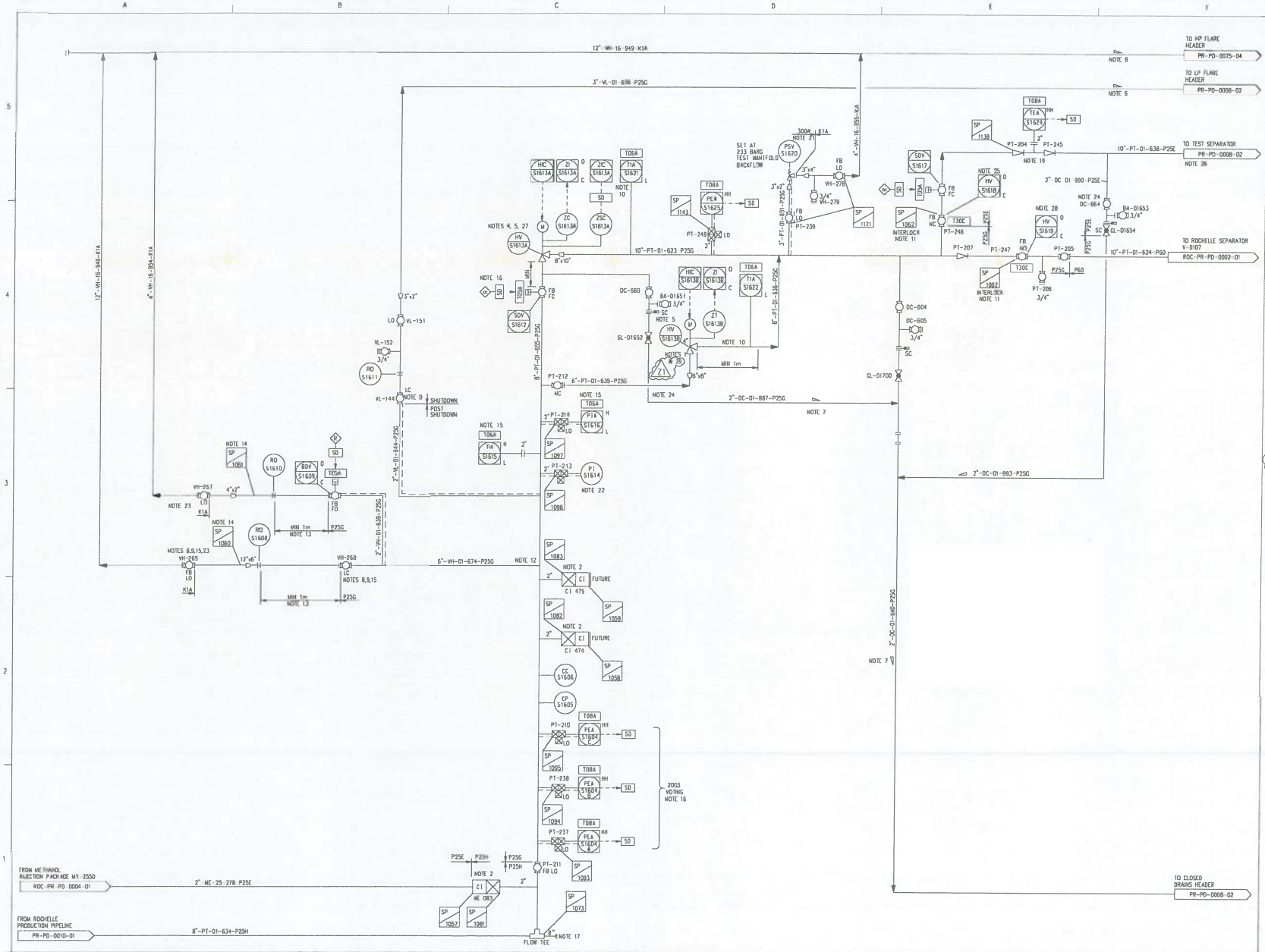

NOTES

1. START-UP CHOKE
2. VALVE ASSEMBLY INCORPORATES DOUBLE BLOCK VALVE AND CHECK VALVE. SEPARATE SP No DESIGNATED FOR INJECTION QUILL.
3. DELETED
4. FLOWLINE SHUTDOWN VALVE (SDV-S1600) (REF. DRG SCOTT-FW-0000-PR-PD-0010-01) AND CHOKE VALVE HV-S1613A ARE INTERLOCKED SUCH THAT SDV-S1600 CANNOT BE OPENED UNTIL HV-S1613A IS CLOSED (LIMIT SWITCH INTERLOCK IN ESD)
5. PRODUCTION CHOKE VALVE HV-S1613A IS DRIVEN CLOSED ON SHUTDOWN FROM ESD SYSTEM VIA DCS START-UP CHOKE VALVE HV-S1613B IS DRIVEN CLOSED BY DCS UPON OPENING OF PRODUCTION CHOKE
6. FLARE INPUT LINES TO SLOPE AWAY FROM HIGH POINT WITH NO POCKETS. MINIMUM SLOPE 1:50
7. CLOSED DRAIN LINES TO SLOPE TOWARDS COLLECTION HEADER MINIMUM SLOPE 1:100
8. MANUAL DEPRESSURISING VALVES
9. HP & LP FLARE LINES IDENTIFIED IN FIELD AND NOTICE ADDED AT MANUAL DEPRESSURISING VALVES-USE HP FLARE FOR DEPRESSURISING LP FLARE USED FOR PURGING AND LOW PRESSURE ONLY
10. TEMPERATURE INSTRUMENT LOCATED AS CLOSE TO CHOKE VALVE AS POSSIBLE.
11. DIVERTER VALVES HV-S1618 AND HV-S1619 ARE INTERLOCKED SUCH THAT FLOW CAN ONLY BE DIRECTED TO THE ROCHELLE SEPARATOR OR THE TEST SEPERATOR
12. MANUAL DEPRESSURING LINE AT HIGH POINT TO AVOID LIQUID BLOCKING
13. SPOOL PIECE OF MINIMUM 1M LENGTH BETWEEN RO AND P25H SPECIFICATION BREAK
14. HIGH PRESSURE AND LOW TEMPERATURE (-100°C) SPOOL PIECE REQUIRED FROM INSULATING GASKET TO K1A SPEC BREAK, INCLUDING RO AND REDUCER.
15. FLOWLINE PRESSURE AND TEMPERATURE TRANSMITTERS (PIA-S1616/TIA-1615) PROVIDED WITH REMOTE MONITORING AT MANUAL PIPELINE DEPRESSURISATION ISOLATION VALVES
16. INTERLOCK PROVIDED SO THAT SDV-S1612 AND SDV-S1617 CANNOT BE OPENED UNTIL FLOWLINE PRESSURE IS LESS THAN PEA S1604 HIGH PRESSURE TRIP SET POINT OF 103 Barg
17. TIE-IN POINT FOR TEMPORARY PIG LAUNCHER/RECEIVER.
18. HIGH PRESSURE LOW TEMPERATURE (-100°C) SPOOL PIECE
19. DISSIMILAR NRVS REQUIRED
20. DELETED
21. PSV-S1620 SUPPLIED WITH 300# OUTLET FLANGE.
22. PRESSURE GAUGE PI-S1614 IS VISIBLE FROM START-UP CHOKE VALVE HV-S1613B TO PROVIDE LOCATION INDICATION ON START-UP.
23. VALVES VH-267 & VH-269 ARE 150# RATED AND MUST NEVER BE CLOSED AGAINST PRESSURE IN NORMAL OPERATION. OPERATING PROCEDURES TO INCLUDE STRICT INSTRUCTIONS FOR THE CONTROL OF THE POSITION OF THESE VALVES.
24. LOW POINT DRAIN
25. CLOSED SWITCH INTERLOCK IN ESD.
26. WHEN ROCHELLE IS ROUTED TO TEST SEPARATOR OTHER WELLS MUST NOT BE ROUTED TO THE TEST MANIFOLD SIMULTANEOUSLY.
27. LOSS OF CLOSED LIMIT SWITCH SIGNAL ZSC-S1613A ON PRODUCTION CHOKE HV-S1613A WILL RESULT IN CLOSURE OF TEST SEPARATOR ROUTE VALVE SDV-S1617
28. LOSS OF OPEN SIGNAL ON HV-S1619 CLOSES SDV-S1612 AND THE ROUTE TO THE PRODUCTION CHOKE
29. START-UP CHOKE CV RESTRICTED TO 51 (75% OF VALVE TRAVEL) TO KEEP WITHIN ROCHELLE SEPARATOR PSV CAPACITY

Z1

REFERENCE DRAWINGS

DRG.No.	REV	TITLE

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	BY ENG	ENG CKD.	L.E. APP'D	NEXEN APP'D
Z1	AS BUILT AS PER SWDC1852	6/2/14	RM	MM	MM	MM	JH	JH SS
10	AS BUILT AS PER SEQ1470 (CS-WP-29)	07 10 13	KD	CMA	CMA	CMA	NW	TR

REV	REASON FOR ISSUE	DATE	DRN.	CKD.	BY ENG	ENG CKD.	L.E. APP'D	NEXEN APP'D

CNOOC

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

SCOTT

WorleyParsons resources & energy

TITLE

PIPING & INSTRUMENT DIAGRAM
ROCHELLE FLOWLINE

DRAWING No.

ROC-AK-0000-PR-PD-0001-01

PROJECT	ORG	AREA/MOD	DISC	TYPE	SEQ. No.	SHT.	REV	SCALE
							Z1	NONE