


- NOTES
1. TAG NUMBER COULD NOT BE LOCATED ON SITE.
 2. WIRELINE CONTROL CONNECTION POINT (414 BARG)
 3. DELETED.
 4. WIRELINE CONTROL CONNECTION POINT (630 BARG)
 5. WING AND MASTER VALVE WILL NOT OPEN UNLESS CHOKE VALVE IS CLOSED
 6. DELETED.
 7. EROSION PROTECTION, REINFORCED OR CLADDED SPOOL PIECE
 8. CORROSION COUPON ASSEMBLY. THIS NEEDS TO BE ACCESSED BY THE RETRIEVAL TOOL AND LOCATED AT BEND OUTLET IN VERTICAL SECTION OF FLOWLINE
 9. DELETED.
 10. DELETED.
 11. ANNULUS MONITORING CASING/CASING.
 12. DELETED
 13. CLOSURES CHOKES ON WELLHEAD SHUTDOWN VIA DCS.
 14. DELETED.
 15. DELETED
 16. 3000 PSI API RATING.
 17. MATING FLANGES TO BE 10000# API
 18. 5000 PSI API RATING.
 19. DELETED.
 20. DELETED.
 21. CONNECTION FOR THE INTRUSIVE SAND EROSION PROBE TO HAVE STRAIGHT LENGTHS OF 100 UPSTREAM & 50 DOWNSTREAM AND ALSO BE LOCATED IN THE VERTICAL SECTION OF THE FLOWLINE
 22. CORROSION PROBE IS TO BE LOCATED AT THE BOTTOM OF THE HORIZONTAL SECTION OF THE FLOWLINE AND DOES NOT NEED TO BE RETRIEVED UNDER LINE PRESSURE
 23. CORROSION COUPONS, CORROSION PROBES AND SAND EROSION PROBES ALL HAVE 2" ACCESS FITTINGS (FLAREWELD TYPE). CONNECTIONS TO BE SUPPLIED BY INSTRUMENTS
 24. DELETED.
 25. DCS PERMISSIVE TO ALLOW LOCAL OPERATOR TO OPEN INDIVIDUAL WING VALVES. PERMISSIVE SIGNAL IS AVAILABLE FOR 5 MINUTES FROM DCS INITIATION
 26. MOUNTED ON LOCAL WIRELINE PANEL
 27. DELETED.
 28. DELETED.
 29. COMMON WELLHEADS HYDRAULIC RETURN LINE 1"-HO-01-412-MIA RE-ROUTED TO CLOSED DRAINS HEADER.
 30. REFER TO P&ID SCOTT-AK-0000-PR-PD-0397-09
 31. THE USE OF 1"NB TUBING (LINE SIZE OUTWITH PLATFORM SPECIFICATION) HAS BEEN AGREED WITH CLIENT REF. SEQ1508-PD-001
 32. DELETED.
 33. DELETED.
 34. CHEMICAL INJECTION POINT.
 35. BLEED VALVE ASSEMBLY.
 36. INSTRUMENT DESIGNED FOR WATER INJECTION SERVICE ONLY.
 37. INSTRUMENT TO BE CLOSE-COUPLED.
 38. NON-INTRUSIVE ULTRA SONIC FLOWMETER.
 39. SWV AND ACTUATOR RETAINED ON WELLHEAD. HYDRAULIC DISCONNECTED AND DESTROYED. VALVE CAN BE MANUALLY ACTUATED WITH HYDRAULIC PUMP.
 40. PIPE SPEC AS PER P25A WITH EXCEPTION OF SCHEDULE WHICH IS XXS.

| REFERENCE DRAWINGS | | TITLE | | DATE | | DRN | | CKD | | BY | | ENG | | L.E. | | CNOOC | |
|--------------------|-----|-----------------------------------|----------|------|-----|-----|-----|------|-------|------|------|-----|--|------|--|-------|--|
| DRG No. | REV | AS BUILT FOR SCOTT0005 | 2010/02 | LM | LM | JL | JL | | | | | | | | | | |
| | | AS BUILT FOR 21030954 & SCOTT0005 | 10/07/19 | pplM | LM | LM | JL | JL | | | | | | | | | |
| | | AS BUILT FOR SIC0030 | 27/02/17 | DD | SG | SG | AH | AH | TR | | | | | | | | |
| | | AS BUILT PER SEQ1508 ONLY | 28/09/10 | KJ | KR | EM | JD | MU | TR | | | | | | | | |
| | | AS BUILT PER SEQ1222 ONLY | 24/01/08 | VM | EHC | EHC | AL | AL | CL | | | | | | | | |
| | | AS BUILT UNDER S1084 | 20/11/03 | LAG | SH | | | | DR | | | | | | | | |
| | | REASON FOR ISSUE | DATE | DRN | CKD | BY | ENG | L.E. | CNOOC | APPD | APPD | | | | | | |

| REASON FOR ISSUE | | DATE | | DRN | | CKD | | BY | | ENG | | L.E. | | CNOOC | |
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| REV | REASON FOR ISSUE | DATE | DRN | CKD | BY | ENG | L.E. | CNOOC | APPD | APPD | | | | | |



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

SCOTT

Worley
energy | chemicals | resources

TITLE
PIPING AND INSTRUMENT DIAGRAM
TOPSIDE WATER INJECTION
WELL J45 7 SLOD DE
WHD 20

DRAWING No.
SCOTT-WG-0000-PR-PD-0395.20

PROJECT ORG AREA/NO DISC TYPE SEQ. No SHI REV SCALE

Z3 NONE