



- NOTES
- THREE 8" WATER INJECTION MANIFOLDS DESIGNED TO SUPPLY INJECTION WATER AT 326 barg AT THE SUBSEA MANIFOLD
 - UI/JU INTERFACE AT ELEVATION +210M
 - AVOID DEAD LEGS IN ENTIRE WATER INJECTION SYSTEM
 - THREE 10" WATER INJECTION MANIFOLDS DESIGNED TO SUPPLY INJECTION WATER AT 326 barg AT THE SUBSEA MANIFOLD
 - DELETED
 - LINE SIZING IS BASED ON DUPLEX STAINLESS STEEL PIPING MATERIAL SELECTION
 - DELETED
 - VALVES TO BE LOCATED ON AN ACCESSIBLE LOCATION
 - DELETED
 - FOR FUTURE CHEMICAL INJECTION
 - HIPS-HIGH INTEGRITY PROTECTION SYSTEM
 - DELETED
 - GALVANIC PROBE ASSEMBLY HAS 2" ACCESS FITTING (FLAREWELD TYPE). CONNECTION TO BE SUPPLIED BY INSTRUMENTS
 - CORROSION COUPON ASSEMBLY HAS 2" ACCESS FITTING (FLAREWELD TYPE). CONNECTION TO BE SUPPLIED BY INSTRUMENTS
 - ACCESS FITTING TO BE LOCATED AT THE TOP OF PIPE AND THE PROBE IS OF INTRUSIVE TYPE. ADEQUATE ACCESS IS REQUIRED TO RETRACT THE PROBE UNDER LINE PRESSURE
 - DELETED
 - INSTRUMENTS FOR NEW LINES TO BE RE-USED FROM EXISTING LINES
 - INSTRUMENT IS A NON-INTRUSIVE ULTRASONIC FLOWMETER
 - DELETED
 - FY IS LOCATED IN D.P. 'L'ER' AND CONVERTS FREQUENCY SIGNAL TO CURRENT
 - PICA-14081 CONTROLS THE HP PUMP DISCHARGE PRESSURE BY OPENING THE LP WATER INJECTION PUMP MINIMUM FLOW VALVES VIA LOW SELECT RELAYS. THE CONTROLLER OUTPUT OVERRIDES THE PUMP MINIMUM FLOW CONTROLLER
 - CONTINUED ON 'OVERALL SUBSEA PIPELINE' P & ID DRG No. FL-PD-0101-02. WATER INJECTION RISERS NOT COVERED BY P & ID FOR JACKET
 - DELETED
 - DELETED
 - PY-14081 SELECTS PRE-DETERMINED PRESSURE SET POINTS FROM PT-14081 TO PROTECT EITHER HP PUMPS OR LP PUMPS FROM RUNNING OFF THE CURVE BY PARTIALLY CLOSING THE HCV's TO PRE-DETERMINED POSITIONS
 - 2 OFF 6" BLIND HUBBED CONNECTIONS
 - DELETED
 - THE REQUIRED WATER INJECTION PRESSURE FOR TELFORD/MARMION IS 207 BARG AT THE TOPSIDES WATER INJECTION MANIFOLD
 - DELETED
 - CONNECTION FOR FUTURE TIE-IN TO PRODUCED WATER SYSTEM TO ALLOW PRODUCED WATER RE-INJECTION
 - EXISTING HIPS WILL BE USED TO PROTECT TELFORD WATER INJECTION MANIFOLD
 - INJECTION WATER TO TELFORD/MARMION TEMPORARY PIG LAUNCHER AND RECEIVER LOCATION
 - DELETED
 - THE TELFORD WATER INJECTION SYSTEM IS CONFIGURED TO ACCEPT EITHER AN HP OR LP INJECTION WATER SUPPLY. SUBJECT TO SCOTT DP WATER INJECTION REQUIREMENTS.
 - BLEED VALVE ASSEMBLY.
 - SCALE SQUEEZE WATER SUPPLY
 - HP WATER INJECTION SUPPLY VALVES TO BE CLOSED WHEN INJECTING LP WATER TO TELFORD
 - SPOOL PIECE FOR FUTURE INSTALLATION OF ISOLATION VALVE

REFERENCE DRAWINGS									
DRG. No.	REV	TITLE	ZS	AS-BUILT FOR SCOTT0005	20/01/20	NE	NE	NE	TF
		DCP 5000 ARN 1948 (EP291)	Z4	AS-BUILT FOR SIC0063	21-01-19	DO	ppTF	ppTF	JL
		FW-0000-PR-DP-5000 ARN 2247 (EP296)	Z3	AS-BUILT FOR SCOTT0005	09-06-17	LM	ppJL	ppJL	RS
		FW-0000-PR-DP-5000 ARN 1948 (EP291)	Z2	AS-BUILT FOR SEQ1655	16-05-17	DO	LM	LM	RS
		FW-0000-PR-DP-5000 ARN 1893 (EP1 00078)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		FW-0000-PR-DP-5000 ARN 2129 (EP208)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		FW-0000-PR-DP-5000 ARN 3873 (EP275)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		FW-0000-PR-DP-5000 ARN 2585 (EP1 099)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		DCP 5000 AH744 ARN 3931 (EP239)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		DCP 5000 AH755 ARN 6349 (EP238)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		DCP 5000 729 ARN 6397 (EP1 0140)	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
		DCP 5000 AH1054	Z1	AD-HOC AS-BUILT (SIC0010)	18-03-16	SB	KS	KS	AL
			REV	REASON FOR ISSUE	DATE	DRN.	CKD.	BY	ENG
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									APPD

SCOTT

Worley

SCOTT-FW-0000-PR-PD-0064-02

DRG. No.

SCOTT-FW-0000-PR-PD-0064-02

PROJECT

ORIG

AREA/MOD

DISC

TYPE

SEQ. No.

SHT.

REV

SCALE

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

TR

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