## 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19		1 UNIT IDENTIFICA	ATION NIII	MDED		2. GENERAL NOTES				NOTES
1   1   1   1   1   1   1   1   1   1		I. UNII IDENIIFICA	ATION NO	MREK		Z. GEN	ERAL NOTES			
Mary						2.1 GENERAL NOTES				
Mary   Control								R	RSP : RING SPACER	
Total   Continue	PLANT NO & ABBREVIATION	PLANT DESCRIPTION	UNIT NO	UNIT DESCRIPTION	ABBREVIATION					
The content of the	110 : 1	NEW WELL#W018S	1	W018S :1	11	AND THE INSTRUMENT SOCIETY OF AMERICA STANDARDS S_5.1 AND S_5.3.	CCL : CABLE CONTROL			
1	110 : 1	NEW WELL#W007S	2	W007S :2	12	AS PART OF AN INSTRUMENT LOOP.	CHV : CHECK VALVE			
1	110 : 1	NEW WELL#W0046	3	W0046S :3	13	HORIZONTAL VESSEL INDICATES NORMAL LEVEL.	CO : CHAIN OPERATED			
1		NEW WELL#W028	4	W028 -4		6- DIMENSION UNDER LC BALLOON INDICATES VISIBLE GLASS LENGTH.		VI.		
1	440 . 4	NEW WELL#W035	<del>                                     </del>		-	ABOVE TANGENT LINE OR BOTTOM OF HORIZONTAL VESSEL.				
1		<u>"</u>	+ -			NUMBER, ETC. AND NOT COVERED BY THE PIPING MATERIAL SPECIFICATION, ARE		'	PRV : PRESSURE REGULATUR VALVE	
	110 : 1	-	6	W008N :6	16	9- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFICALLY NOTED.				
10   1	110 : 1	EXTENSION(BANGESTAN)	7	MANIFOLD :7	17	PURPOSES ONLY SHALL BE PROVIDED BUT ARE NOT SHOWN ON THE P & ID.	FC : FAIL CLOSED (CLOSE ON MINIMUM SIGNAL TO VALVE	E ACTUATOR)		
The content		· · · · · · · · · · · · · · · · · · ·	+ -	<del></del>		LARGER LINE.	FCV : FLOW CONTROL VALVE	2.:	.2.3 OTHERS	
10   10   10   10   10   10   10   10		· · · · · · · · · · · · · · · · · · ·	+ -	<del></del>		TO ATMOSPHERIC FOR HYDROCARBON SERVICES WHICH ARE ABOVE 300# RATING.	FD : FLEX DISC VALVE		A/G : ABOVE GROUND	
Section   19   19   19   19   19   19   19   1			+			VENTS AND DRAINS USE DOUBLE ISOLATION BALL VALVE FOR ALL CLASSES. FOR				
1	110.1	1 1122410		W#13 .11	22	(SINGLE BALL VALVE + GLOBE VALVE) FOR 300# AND UNDER ONE SINGLE BALL		CHANGE ON		* HARMIN
10   10   10   10   10   10   10   10								ANGE ON		LEGEND
1						HIGHER.  13- VALVED VENT SHALL BE INSTALLED AT VAPOR POCKET OF 14" AND LARGER LIQUID		ACTUATOR)		
1.						14- VALVED DRAIN ON SUCTION PIPING OF PUMP EXCEPT CLEAN SERVICE SHALL BE LED	,			
100   100						SPECTACLE BLIND INSERTED AS SHOWN.	GM : GEAR OPERATED AND MOTORIZED VALVE			
10   10   10   10   10   10   10   10						FROM PRESSURE RELIFE VALVE TO THE TOP OR SIDE OF THE DISCHARGE HEADER.  16- 9MM WEEP HOLES ARE PROVIDED AT LOW POINTS OF PRESSURE RELIFE VALVE AND				
10   100						KAPTURE DISC DISCHARGING TO ATMOSPHERE.  17- DEFINITIONS:				
C   100						(1) FREE DRAINING : LINE TO BE ROLITED TO A POINT DESIGNATED WITH				
100   1000 PRIOR   1   1000 PRIOR MAT   1   1000						NO LIQUID POCKET AND NO VAPOR POCKET IN THE				
## 1985 FORTON MALE   1985 FORTO						LAYOUT:				
10   10   10   10   10   10   10   10						^	MOV : MOTOR OPERATED VALVE			******
1						FLOW : A — B				
1										
## 1 CONTROL OF THE C						(2) SLOPED LINE . FLEVATION CHANGES ARE CONTINUIQUELY DOWNWARD				
1-000000   1-0000000   1-0000000   1-0000000   1-0000000   1-0000000   1-0000000000						ONLY. NO POCKETS ARE PERMITTED. SPECIFIC				
TOP										
## I THERE OF COURSE FOOLED STORT IN THE LINE.    O NO LOUID FOOLET   IN DICEOUS POWERT IN THE LINE.						LAYOUT: A	PCV : PRESSURE REGULATOR/ PRESSURE CONTROL VALVE	:		
(c) NO 10280 POORT 1: NO LICEOU POORT IN THE LINE.    FOR 1 A B   PRESSED STATE BLUE   FOR 1 A B   PRESSED STATE BLUE   FOR 1 A B   FOR STATE BLUE   FOR STA						В В	PIVA : POST INDICATOR VALVE			
(3) No Listain Pocket in the Lista.  (4) No World Pocket in the Lista.  (5) 10 World Pocket in the Lista.  (6) 10 World Pocket in the Lista.  (7) 10 World Pocket in the Lista.  (8) 10 World Pocket in the Lista.  (9) 10 World Pocket in the Lista.  (1) 10 World Pocket in the Lista.  (1) 10 World Pocket in the Lista.  (2) 10 World Pocket in the Lista.  (3) 10 World Pocket in the Lista.  (4) 10 World Pocket in the Lista.  (5) 10 World Pocket in the Lista.  (6) 10 World Pocket in the Lista.  (7) 10 World Pocket in the Lista.  (8) 10 World Pocket in the Lista.  (9) 10 World Pocket in the Lista.  (10) 10 World Pocket in the Lista.  (11) 10 World Pocket in the Lista.  (12) 10 World Pocket in the Lista.  (13) 10 World Pocket in the Lista.  (14) 10 World Pocket in the Lista.  (15) 10 World Pocket in the Lista.  (16) 10 World Pocket in the Lista.  (17) 10 World Pocket in the Lista.  (18) 10 W						FLOW: A → B	· ·	PMENT)		
1.00 LODG FOODER IN THE LINE										
S   107 SOF VALE   S   107 SOF VALE   S   107 SOF VALE   S   100 AND SOF SOCIET   100 WARD POOLET						(3) NO LIQUID POCKET : NO LIQUID POCKET IN THE LINE.	,			KRY PLAN
Column   A										
## 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15						LAYOUT:				
FLOR : A   B   T   IMPA   (4) NO WHORE POOSET IN THE LINE.						AB	ST : STELLITE VALVE			
(4) NO WAPPOR POCKET : NO WAPPOR POCKET IN THE LINE.  LACTOR!  B						FLOW: A → B				
CONTINUED   1   1   1   1   1   1   1   1   1										
LYOUR   S   S   S   S   S   S   S   S   S						(4) NO VAPOR POCKET : NO VAPOR POCKET IN THE LINE.			·	
## 1 WARDAY WUNE  FLOW : A — B  (S) GRANTY FLOW  : ELEVATION CONNERTEDAM INVER EXCEED BALLT ELEVATION CONNERTED WIND  CC : CAMPON STEEL  DO : DOMETTE MORNAL  FF : LAT FACE  FF : FORGED STEEL  GRP : GALLS REPORTED PASTIC  GRP : GALLS REPORT CONNERTED BALLT  GRP : GALLS REPORT CONNERTED BALLT  FF : RESIDENT SILL TRIM WAVE  EXC CONSEQUENT SILL TR						LAYOUT:			TX : SKIN TEMPERATURE	
FLOW : A — B  (S) GRANTY FLOW  : LELEATION DOWNSTREAM HEVER EXCEED MET EXCENSIVE TO WAVE  (S) GRANTY FLOW  : LELEATION DOWNSTREAM HEVER EXCEED MET EXCENSIVE TO WAVE    LANGUAGE   LANGUAGE						↑	,,,		·	
(S) GRAFTY FLOW  **ELEVATIONS CONTRING MANY CONTAIN LIQUID POCKETS  AND WAPOR POCKETS  **LEVATION CONTRING MANY CONTAIN LIQUID POCKETS  AND WAPOR POCKETS  **LEVATION CONTRING MANY CONTAIN LIQUID POCKETS  AND WAPOR POCKETS  **LEVATION CONTRING MANY CONTAIN LIQUID POCKETS  AND WAPOR POCKETS  **LEVATION CONTRING MANY CONTAIN LIQUID POCKETS  **AND WAPOR POCKETS  **LEVATION CONTRING MANY CONTAIN LIQUID POCKETS  **AND WAPOR POCKETS  **LEVATION CONTAIN LIQUID POCKETS  **AND WAPOR							X : TYPE 316 STAINLESS STEEL TRIM VALVE			
(S) GRAITY FLOW : ELEVATION DOWNSTREAM NOVER EXCEED NLET ELEVATIONS LIVE MAY CONTAIN LIQUID POCKETS AND CONTAIN LIQUID POCKETS  LAYOUT:  CS: CAMBON STELL  DISC. SPECIAL TACK  CS: CAMBON STELL  DISC. SPECIAL TACK  FF: FLAT FACE  FS: FORECED STELL  GAL SURS REINFORCED PLASTIC  HB: HAMMER BLND  IC: INSULATED HOT  IS: INSULATED HOT  FROM : A — B  CC/CF: CORROSON FROM AND COLPPON  CT: CORROSON FROM AND COLPPON  CC CO.PP. COLPROSON FROM AND COLP						FLOW: A → B	XV : MULTIVARIABLE FINAL ELEMENT (ON/OFF VALVE)		4,5 1 2.12.1 3.13.1.5	
(S) GRANTY FLOW  ELEVATION DOWNSTREAM NEVER EXCEED INET ELEVATION COMMISSION STEEL  CS : CARBON STEEL  CS : CARBON STEEL  DI SI JUNETER NORMAL  FF : FLAT FACE FS : FORGED STEEL  FLOW : A — B  FROME TRUE STEEL  GRAPH STATE COLUMN STEEL  GRAPH STATE COLUMN STEEL  FROME TRUE STEEL  GRAPH STATE COLUMN STEEL  GRAPH STATE COLUMN STEEL  GRAPH STATE COLUMN STEEL  GRAPH STATE COLUMN STEEL  FROME TRUE STEEL STATE COLUMN STEEL STATE STAT							XX : 18-8 STAINLESS STEEL TRIM VALVE			
AND VAPOR POCKETS.  2.2.2 PIPING  CS : CARBON STEEL  DN : DIAMETER NOMINUL  FF : FLAT FACE  FF : FLAT FACE  FF : GLAT FACE  FF : GLAT FACE  FF : GLAS REINFORCED PLASTIC  HB : HAMMER BLIND  IC : INSULATED COLD  HH : INSULATED COLD  HH : INSULATED COLD  HH : INSULATED COLD  HH : INSULATED FOR PERSONNEL PROTECTION  PP : PRESSURE NOMINUL  PROSECT TIME  BLIND  THE STATE BLOOD  HR : INSULATED FOR PERSONNEL PROTECTION  PP : PRESSURE NOMINUL  PROSECT TIME  BLIND  THE STATE BLOOD  BRINA RURBOY - DIRECT NO.  BRI						(5) GRAVITY FLOW : ELEVATION DOWNSTREAM NEVER EXCEED INLET ELEVATIONS. LINE MAY CONTAIN LIQUID POCKETS			•	
LYOUT:  A S : CARBON STEEL  DN : DAMETER NOMINAL  BN : DAMETER NOMINAL  FF : FLAT FACE  FS : FORGE STEEL  GA : GALVANIZED  GALVANIZED  GA : GALVANIZED  GALVANIZED  GA : GALVANIZED  G						AND VAPOR POCKETS.				
DOI : DANAGETER NOMINAL  BY SEPSON IN IN LANGE MAN LANGE						LAYOUT.				
B F FLAT FACE FS : FORCED STEEL GA : GALVANIZED GRP : GLASS REINFORCED PLASTIC HB : HAMMER BLIND IC : INSULATED COLD HH : INSULATED HOT IS : INSULATED HOT IS : INSULATED HOT IS : INSULATED HOT IS : INSULATED FOR PERSONNEL PROTECTION PB : PRESSURE BLIND PN : PRESSURE BLIND PN : PRESSURE BLIND PN : PRESSURE NOMINAL						A —				BY DATE BY DATE
FS : FORGED STEEL  GA : GALVANIZED  GRP : GLASS REINFORCED PLASTIC  HB : HAMMER BLIND  IC : INSULATED COLD  H : INSULATED HOT  IS : INSULATED HOT  IS : INSULATED HOT  IS : INSULATED HOT  IS : STORGED STEEL  GRP : GLASS REINFORCED PLASTIC  HB : HAMMER BLIND  IC : INSULATED COLD  H : INSULATED HOT  IS : INSULATED HOT  IN : INSULATED HOT  IS : INSULATED HOT  IN : IN									DOO OCT.2021 IFC MARYAFAR M.FAKHARIAN M.MEHRSHAD **.**	REV. DESCRIPTION CHECKED REV. APPR.
FLOW: A — B  GA : GALVANIZED  GRP : GLASS REINFORCED PLASTIC  HB : HAMMER BLIND  IC : INSULATED COLD  HH : INSULATED HOT  IS : INSULATED FOR PERSONNEL PROTECTION  PB : PRESSURE BLIND  PB : PRESSURE BLIND  PN : PRESSURE BLIND  THE COPTRIGHT THEREM ARE THE SOLE PROPERTY OF THE BLOCK)*  THE COPTRIGHT THEREM ARE THE SOLE PROPERTY OF THE SOLE PROPE						В				1 .
GRP : GLASS REINFORCED PLASTIC  HB : HAMMER BLIND  IC : INSULATED COLD  HH : INSULATED HOT  IS : INSULATED FOR PERSONNEL PROTECTION PB : PRESSURE BLIND  PN : PRESSURE BLIND  PN : PRESSURE NOMINAL  EPC CONTRACTOR:  EPC CONTRACTOR:  EPD/EPC CONTRACTOR (GC):  HINGAN ENERGY - BESIGN & INSPECTION DEVELOPMENT COMPANY PECO COMPANY  PECO CONTRACTOR (GC):  HINGAN ENERGY - BESIGN & INSPECTION DEVELOPMENT COMPANY PRESSURE BLIND  (VENDOR TITLE BLOCK)**  FOR WING TITLE: SYMBOL & Legend For PFD and P&ID  NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION BY: DATE: SCALE SIZE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION						FLOW : A → B			GENERAL	THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF
HB : HAMMER BLIND  IC : INSULATED COLD  IH : INSULATED HOT  IS : INSULATED FOR PERSONNEL PROTECTION PB : PRESSURE BLIND PN : PRESSURE NOMINAL  PERSONNEL PROTECTION PN : PRESSURE NOMINAL  PETROIAN DEVELOPMENT COMPANY PROVED FOR CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION PN : PRESSURE NOMINAL  SUB-SURFACE WORK PACKAGES TO DATE:  NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION PN : PRESSURE NOMINAL  SUB-SURFACE WORK PACKAGES TO DATE:  NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION PN : PRESSURE NOMINAL							GRP : GLASS REINFORCED PLASTIC			BINAK OILFIELD DEVELOPMENT
HERGAN ENERGY - DESIGN & INSPECTION COMPANY  IS : INSULATED FOR PERSONNEL PROTECTION PB : PRESSURE BLIND  PN : PRESSURE NOMINAL    HIRGAN ENERGY - DESIGN & INSPECTION COMPANY   PEDCO   PEDCO									PETROIRAN	SUB-SURFACE WORK PACKAGES
IS : INSULATED FOR PERSONNEL PROTECTION PB : PRESSURE BLIND PN : PRESSURE NOMINAL    Companies   Compa									COMPANY	
PB : PRESSURE BLIND  (VENDOR TITLE BLOCK)**  PN : PRESSURE NOMINAL  (VENDOR TITLE BLOCK)**  (VENDOR TI									COMPANIES	
PN : PRESSURE NOMINAL    VENDOR TITLE BLOCK)**   SCALE   SIZE   DRAWING NO.   SHEET NO.   REV.   BUDGET REF.   LOCATION   SIZE   CLASS   SERIAL NO.   SHEET   REVISION							PB : PRESSURE BLIND		Symbol & Legend For PFD and P&ID	
NS A3 BK-SSGRL-PEDCO-110-FR-PI-0001 1 OF 7 D02 P2A-707349 F 2 A 707349 1 OF 7 D02								(VENDOR TITLE BLOCK)*	SCALE SIZE DRAWING NO. SHEET NO. REV.	BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION
									NS A3 BK-SSGRL-PEDCO-110-PR-PI-0001 1 0F 7 D02	P2A-707349   F   2   A   707349   1 OF 7   D02











