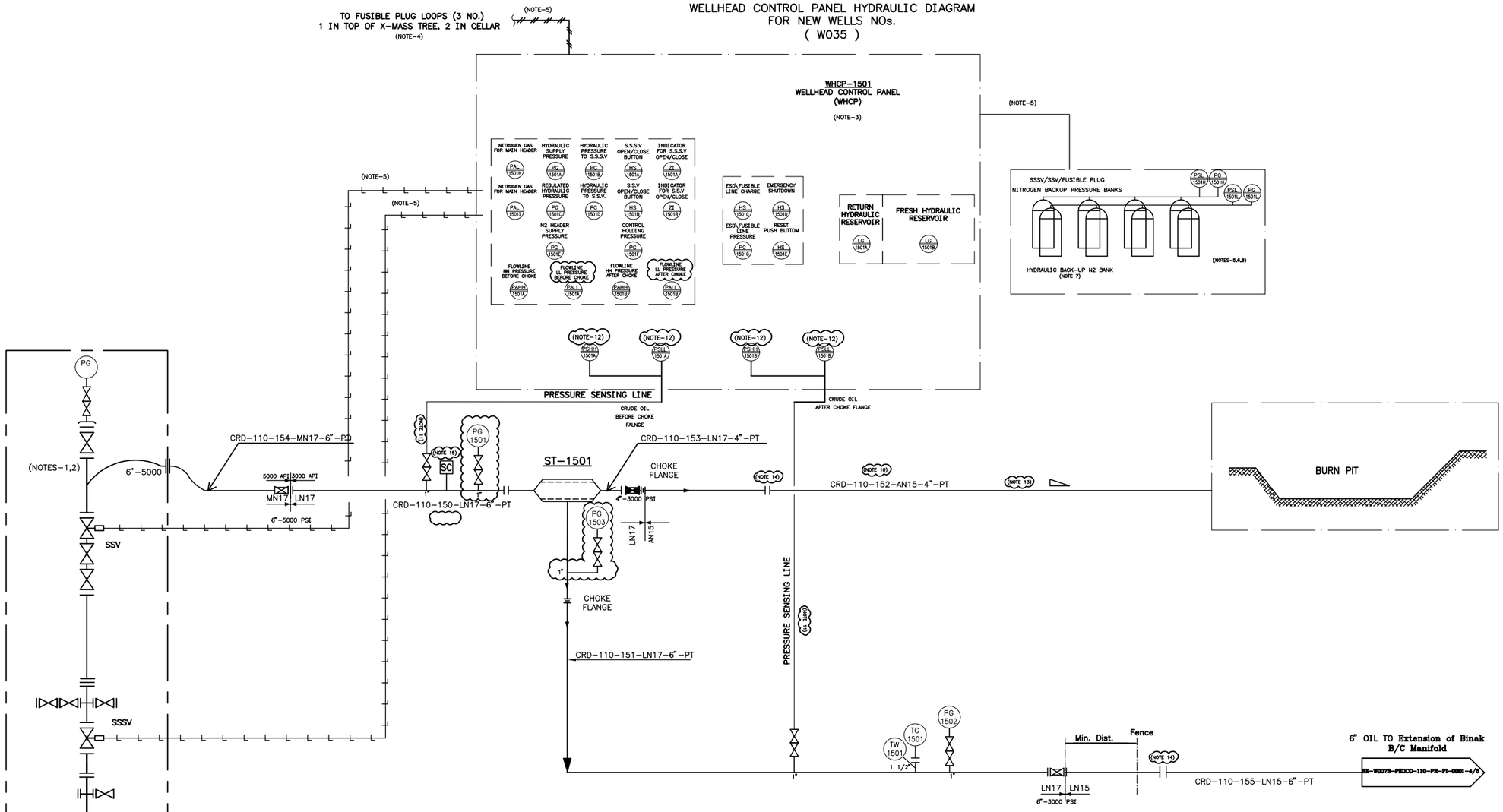
W035
BINAK PRODUCTION WELL
DESIGN PRESS. : 5000 PSIA
DESIGN TEMP. : 105 °C

WHCP-1501
WELLHEAD CONTROL PANEL
DESIGN PRESS. : 5000 PSIA
DESIGN TEMP. : 105 °C

ST-1501
STONE TRAP
DESIGN PRESS. : 3000 PSIA
DESIGN TEMP. : 105 °C

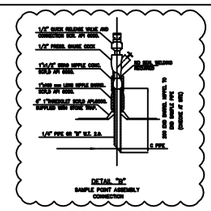
WELLHEAD CONTROL PANEL HYDRAULIC DIAGRAM FOR NEW WELLS NOs. (W035)



NOTES

1. EQUIPMENT & PACKAGES ARE TO BE INSTALLED OUTSIDE THE SAFETY RADIUS OF X-MASS TREE.
2. SHUTDOWN SEQUENCE IS SSV FIRST AND THEN SSSV.
3. HYDRAULIC DIAGRAM DETAIL / INDICATOR AND PUSH BOTTOM WILL BE FINALIZED BY WHCP VENDOR AND CLIENT APPROVAL.
4. IN CASE OF FIRE, FUSIBLE PLUGS WILL ACTIVATE SHUT DOWN AT WELLHEADS THROUGH WHCP HYDRAULICALLY.
5. BY WHCP VENDOR.
6. CHARGEABLE NITROGEN BANK BY WHCP VENDOR. CONNECTION FOR ONE MANUAL HAND PUMPS (MAX. WORKING PRESSURE 5000 PSI) TO BE CONSIDERED.
7. FIRST OUT INDICATION SHALL BE CONSIDERED FOR WHCP.
8. NITROGEN BANKS QUANTITY, CAPACITY AND PRESSURE SHALL BE CALCULATED BY THE VENDOR .MINIMUM REQUIREMENT OF SPECIFICATION TO BE RESPECTED.
9. DELETED.
10. PAINTING IS NOT NECESSARY FOR PIPES THAT LOCATED OUTSIDE OF FENCE.
11. FOR INSTRUMENT CONNECTION REFER TO INSTRUMENT HOOK UP DIAGRAM.
12. PENUMATIC LOGIN CONTROL HIGH/LOW SWITCH PACK TO BE PROVIDED/LOCATED INSIDE WHCP BY VENDOR.
13. ACCORDING TO THE GRADIENT OF THE BURN PIT PIPELINE, IT IS CONSIDERED ONE LOCAL DRAIN IN THE WELL PAD AREA.
14. ACCORDING TO STANDARD DRAWING S5L2009_001A , THESE FLANGES ARE 3000 API.
15. A 1" BLIND CONNECTION SHOULD BE CONSIDERED ON SC.

LEGEND



REFERENCE DRAWING	DRG. No.
Symbol & Legend For PFD and P&ID	BK-SSGRL-PEDCO-110-PR-PI-0001
Process Basis Of Design	BK-GNRAL-PEDCO-000-PR-DB-0001
Production Facilities Standard Drawing	S5L2002_001A

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	FEB.2023	IFA	M.ARYAFAR	M.FAKHARIAN	M.MEHRSHAD	**.**
D04	SEP.2022	IFA	M.ARYAFAR	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	FEB.2022	IFA	M.ARYAFAR	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	DEC.2021	IFA	M.ARYAFAR	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	OCT.2021	IFC	M.ARYAFAR	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	AUG.2021	IFC	M.ASGHARNEJAD	M.FAKHARIAN	SH.GHALIKAR	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
				CHECKED	REV. APPR.
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

(VENDOR TITLE BLOCK)**

DRAWING TITLE: P&ID – W035

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-W035-PEDCO-110-PR-PI-0001	1 OF 1	D05

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
PZA-707746	F	2	A	707746	1	D05