

WELL-W046S

BINAK PRODUCTION WELL

NORMAL OPERATING WELLHEAD PRESSURE(FWHP) : 43.8 BARG

NORMAL WELLHEAD TEMPERATURE (WHT) : (80 °C)

ST-1301

STONE TRAP

NORMAL OPERATING PRESS : 43.8 BARG

NORMAL OPERATING : 80 °C

IRP-1301

SUCKER ROD PUMP (IRP)

(BY VENDOR)

NOTES

- 1-DICTATED.
- 2-DRAWN.

LEGEND

REFERENCE DRAWING	DRG. No.
SYMBOL & LEGEND FOR PFD AND PAID	BK-S98L-PD00-10-PR-PF-0001
PROCESS BASIS OF DESIGN	BK-G09L-PD00-00-PR-DB-0001

KEY PLAN

1- دیکٹوڈ. 2- ڈرائوڈ.
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
APPROVED FOR CONSTRUCTION	BY:	DATE:	
BUDGET REV	LOCATION	SIZE	SERIAL NO.
003-075-0184	F	2	A
			707001
			1 OF 2
			006
			REVISION

D06	MAY 2023	APC	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D06	DEC 2023	APC	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D04	AUG 2023	APC	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D03	MAR 2023	APC	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D02	DEC 2021	TPA	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D01	OCT 2021	IPC	LAHVIKAE	W/PAVILAIKAM	W/ANNESSALU	00-00
D00	AUG 2021	IPC	W/ANNESSALU	W/PAVILAIKAM	W/ANNESSALU	00-00
REV.	DATE	FOIIS	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: EEPD/EPC CONTRACTOR (GC):

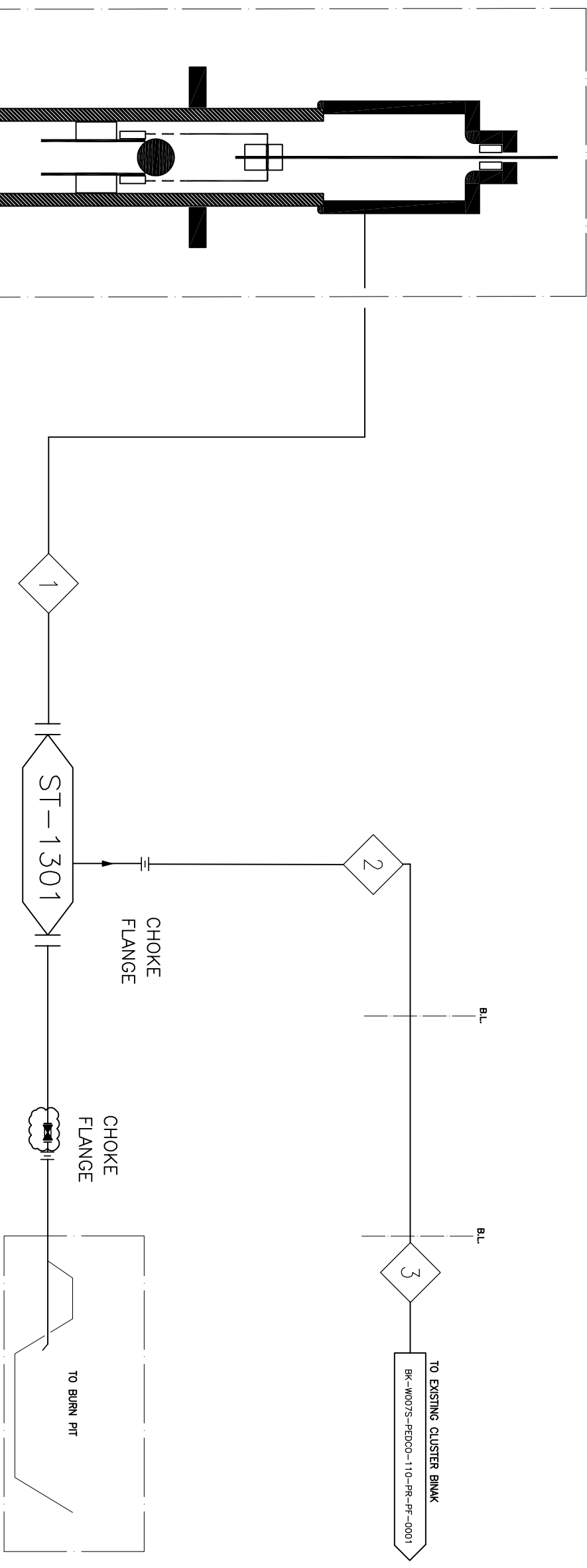


BINAK ENERGY – DESIGN & INSPECTION OPERATIONS

PEDCO

PETROBRAN DEVELOPMENT COMPANY

DRAWING TITLE: PROCESS FLOW DIAGRAM - W046S					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	
NS	A3	BK-W046S-PD00-110-PR-PF-0001	1 OF 2	D06	



W046S

WELLHEAD

(SUB SURFACE SCOPE OF WORK)

Name	W046S-SUMMER			W046S-WINTER		
Stream No.	1	2	3	1	2	3
Vapour Fraction	0.05	0.07	0.06	0.05	0.07	0.06
Temperature [C]	80.00	78.82	31.60	80.00	78.25	15.20
Pressure [barg]	43.80	20.96	12.78	43.80	21.84	12.78
Molecular Weight	39.09	39.09	39.09	39.09	39.09	39.09
Molar Flow [MMSCFD]	8.95	8.95	8.95	8.95	8.95	8.95
Mass Flow [kg/h]	17421.9	17421.9	17421.9	17421.9	17421.9	17421.9
Liq Vol Flow @Std Cond [barrel/day]	2716.7	2716.7	2716.7	2716.7	2716.7	2716.7
Mass Density [kg/m3]	554.02	314.98	267.69	554.02	327.44	297.06
Master Comp Mole Frac (N2)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Master Comp Mole Frac (CO2)	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Master Comp Mole Frac (H2S)	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Master Comp Mole Frac (Methane)	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453
Master Comp Mole Frac (Ethane)	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157
Master Comp Mole Frac (Propane)	0.0127	0.0127	0.0127	0.0127	0.0127	0.0127
Master Comp Mole Frac (i-Butane)	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
Master Comp Mole Frac (n-Butane)	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067
Master Comp Mole Frac (i-Pentane)	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
Master Comp Mole Frac (n-Pentane)	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
Master Comp Mole Frac (n-Hexane)	0.0088	0.0088	0.0088	0.0088	0.0088	0.0088
Master Comp Mole Frac (n-Heptane)	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Master Comp Mole Frac (n-Octane)	0.0061	0.0061	0.0061	0.0061	0.0061	0.0061
Master Comp Mole Frac (n-Nonane)	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053
Master Comp Mole Frac (n-Decane)	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
Master Comp Mole Frac (n-C11)	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042
Master Comp Mole Frac (H2O)	0.8390	0.8390	0.8390	0.8390	0.8390	0.8390
Master Comp Mole Frac (C12+_1*)	0.0311	0.0311	0.0311	0.0311	0.0311	0.0311

[illegible]