

BINAK PRODUCTION WELL

ST-1301  
STONE TRAP

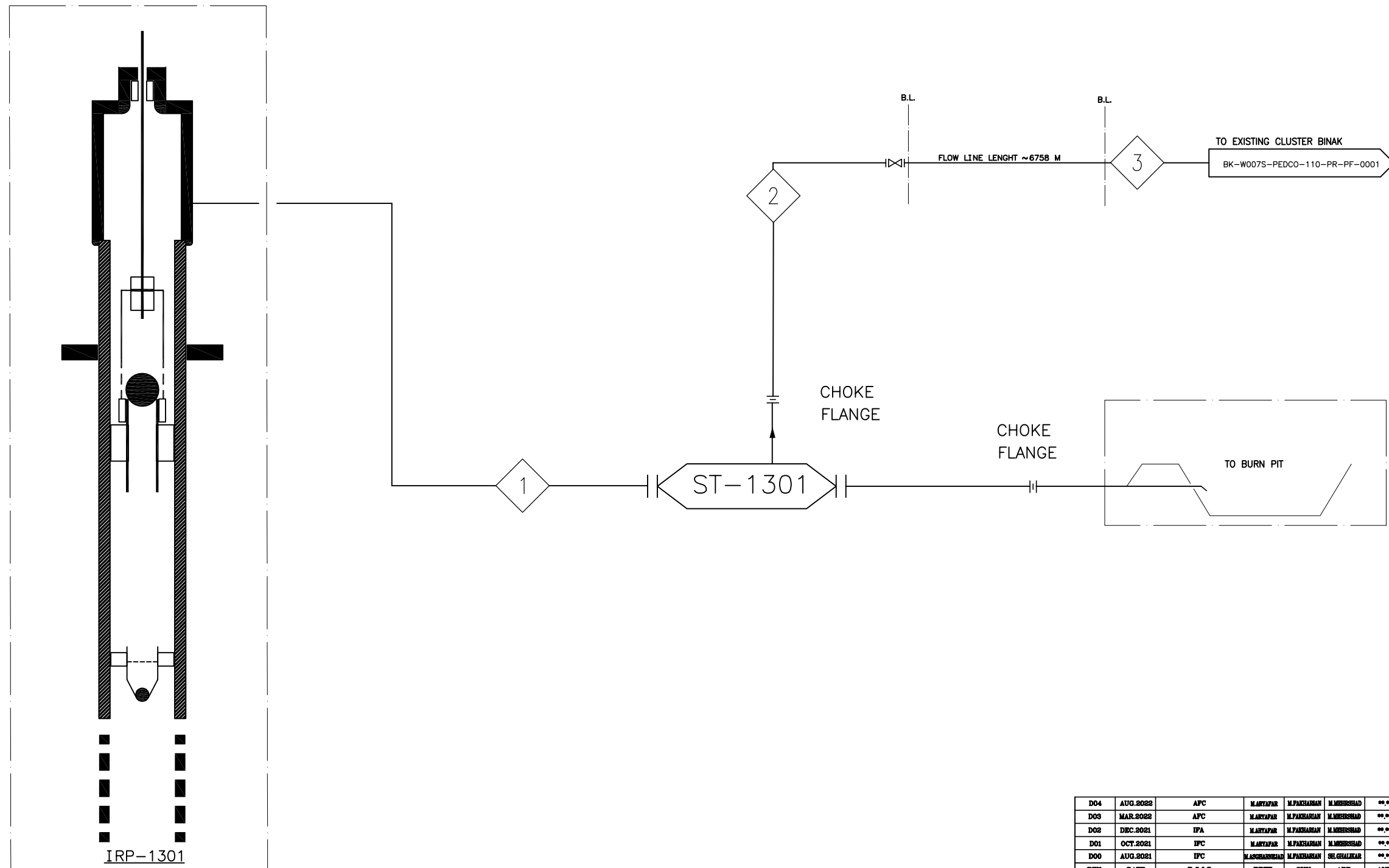
IRP-1301  
SUCKER ROD PUMP (IRP)  
(BY VENDOR)

## NOTES

**1-DELETED.**

**2-DELETED.**

**D04:**



W046S

WELLHEAD

(SUB SURFACE SCOPE OF WORK)

## LEGEND

**REFERENCE DRAWING**

DRG. No.

SYMBOL & LEGEND FOR PFD AND P&ID	BK-SSGRL-PEDCO-110-PR-PI-0001
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PROCESS BASIS OF DESIGN	BK-GNRL-PEDCO-000-PR-DB-0001
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## KEY PLAN

[illegible]

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

NOTES	
D04:	
LEGEND	
REFERENCE DRAWING	DRG. No.
SYMBOL & LEGEND FOR PFD AND P&ID	BK-SSGRL-PEDCO-110-PR-PI-0001
PROCESS BASIS OF DESIGN	BK-GNRL-PEDCO-000-PR-DB-0001

KEY PLAN	
REV.	DESCRIPTION
BY	DATE
CHECKED	REV. APPR.
اصل و کاپی نسخ این نقشه و حق اقیانسی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.	
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS	
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES	
DATE	SCALE
DRAWING BY	CHECKED BY
PROJECT ENG.	
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

D04	AUG.2022	APC	M.ARTAFAR	M.PAKHARAN	M.MOHESSAD	00.00
D03	MAR.2022	APC	M.ARTAFAR	M.PAKHARAN	M.MOHESSAD	00.00
D02	DEC.2021	IPA	M.ARTAFAR	M.PAKHARAN	M.MOHESSAD	00.00
D01	OCT.2021	IPC	M.ARTAFAR	M.PAKHARAN	M.MOHESSAD	00.00
D00	AUG.2021	IPC	M.ASHGHAHEH	M.PAKHARAN	SEGHALKAR	00.00
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HURGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: PROCESS FLOW DIAGRAM - W046S						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
NS	A3	BK-W046S-PEDCO-110-PR-PF-0001			2 OF 2	D04

(VENDOR TITLE BLOCK)\*\*