

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات برق رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک							 	
	LINE LIST - W007S & MANIFOLD EXTENSION								
شماره پیمان: 053 - 073 - 9184	پروژه: BK	بسته کاری: W007S	صادر کننده: PEDCO	تسهیلات: 110	رشته: PR	نوع مدرک: LI	سریال: 0001	نسخه: D01	شماره صفحه: 1 از 7

طرح نگهداشت و افزایش تولید 27 مخزن

LINE LIST - W007S & MANIFOLD EXTENSION

نگهداشت و افزایش تولید میدان نفتی بینک

D01	JAN.2023	IFA	M.Aryafar	M.Fakharian	M.Mehrshad	
D00	APR.2022	IFC	M.Aryafar	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
Class: 2		CLIENT Doc. Number:F0Z-707927				
status: IDC: Inter-Discipline Check IFC: Issued For Comment IFA: Issued For Approval AFD: Approved For Design AFC: Approved For Construction AFP: Approved For Purchase AFQ: Approved For Quotation IFI: Issued For Information AB-R: As-Built for CLIENT Review AB-A: As-Built -Approved						



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
فعالیت های رو زمینی در بسته های کاری تحت الارض

ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات
بقی رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک

LINE LIST - W007S & MANIFOLD EXTENSION



شماره پیمان:

053 - 073 - 9184

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D01	0001	LI	PR	110	PEDCO	W007S	BK

شماره صفحه: 2 از 7

REVISION RECORD SHEET

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NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
فعالیت های رو زمینی در بسته های کاری تحت الارض

ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات
برق رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک



LINE LIST - W007S & MANIFOLD EXTENSION

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه	شماره پیمان:
D01	0001	LI	PR	110	PEDCO	W007S	BK	053 - 073 - 9184

شماره صفحه: 3 از 7

1- Reference Documents:

- 1) Symbol & Legend For PFD and P&ID - BK-SSGRL-PEDCO-110-PR-PI-0001
- 2) Process Flow Diagram - Extension of Binak B/C Manifold - BK-W007S-PEDCO-110-PR-PF-0001
- 3) P&ID - Extension of Binak B/C Manifold -BK-W007S-PEDCO-110-PR-PI-0001

 NISOC										تکهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات برق رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک																					
شماره پیمان:										پروژه		بسته کاری		صادرکننده		تهیهات		رشته		نوع مدرک		سروال		لحا							
053 - 073 - 9184										BK		W007S		PEDCO		110		PR		LI		0001		D01							
شماره صفحه: 4 از 7																															
Item No.	LINE NUMBER						LINE DESCRIPTION						DESIGN		OPERATING		Density (kg/m3)	Test Press. (barg)	PWHT	Radiography Testing (%)	Insulation Thickness	Paint Code	P&ID No.	Rev.							
	Fluid ID Code	Unit Serial No.	Piping Serial No.	Piping Class Code	Nominal Pipe Size	Insulation Code	From	To	Fluid Phase	Press. (barg)	Temp. (°C)	Press. (barg)	Temp. (°C)																		
1	CRD	110	170A	LN15	1"	PT	INLET FLOW LINE OF W018S	CDH-110-170A-AN05-1"-PT	LIQUID/GAS	207	85	12.78	36.31	437.71	414	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
2	CRD	110	111	LN15	4"	PT	INLET FLOW LINE OF W018S	CRD-110-171A-FN05-4"-PT	LIQUID/GAS	207	85	12.78	36.31	437.71	414	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
3	CRD	110	177A	FN05	1"	PT	CRD-110-111-LN15-4"-PT	CY-1701A	LIQUID/GAS	93	85	12.78	36.31	437.71	139.5	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
4	CRD	110	171A	FN05	4"	PT	CRD-110-111-LN15-4"-PT	CRD-110-179A-CN05-4"-PT	LIQUID/GAS	93	85	12.78	36.31	437.71	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
5	CRD	110	172A	CN05	4"	PT	CRD-110-171A-FN05-4"-PT	CRD-110-183-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	36.15	384.39	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
6	CRD	110	173A	CN05	4"	PT	CRD-110-171A-FN05-4"-PT	CRD-110-184-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	36.15	384.39	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
7	CRD	110	174A	FN05	4"	PT	CRD-110-171A-FN05-4"-PT	CRD-110-175A-FN05-4"-PT	LIQUID/GAS	93	85	12.78	36.31	437.71	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
8	CRD	110	175A	FN05	4"	PT	CRD-110-171A-FN05-4"-PT	CDH-110-175A-AN05-4"-PT	LIQUID/GAS	93	85	12.78	36.31	437.71	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
9	CRD	110	179A	CN05	4"	PT	CRD-110-171A-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	41.5	85	10.78	36.15	437.71	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
10	CDH	110	170A	AN05	1"	PT	CRD-110-170A-LN15-1"-PT	HP DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	36.31	437.71	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
11	CDH	110	176A	AN05	1"	PT	INLET FLOW LINE OF W018S	HP DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	36.31	437.71	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
12	CDH	110	179A	AN05	1/2"	PT	CY-1701A	DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	AMB	23.40	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
13	CDH	110	174A	AN05	6"	PT	CRD-110-174A-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	18.2	85	12.78	36.31	437.71	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
14	CDH	110	175A	AN05	4"	PT	CRD-110-175A-FN05-4"-PT	CDH-110-174A-AN05-6"-PT	LIQUID/GAS	18.2	85	12.78	36.31	437.71	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
15	GAS	110	178A	AN05	2"	PT	CY-1701A	FLARE HEADER	GAS	3.5	85	ATM	AMB	23.40	5.25	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
16	CRD	110	170B	LN15	1"	PT	INLET FLOW LINE OF W046S	CDH-110-170B-AN05-1"-PT	LIQUID/GAS	207	85	12.78	31.6	267.69	414	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
17	CRD	110	131	LN15	4"	PT	INLET FLOW LINE OF W046S	CRD-110-171B-FN05-4"-PT	LIQUID/GAS	207	85	12.78	31.6	267.69	414	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
18	CRD	110	177B	FN05	1"	PT	CRD-110-131B-LN15-4"-PT	CY-1701B	LIQUID/GAS	93	85	12.78	31.6	267.69	139.5	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
19	CRD	110	171B	FN05	4"	PT	CRD-110-131B-LN15-4"-PT	CRD-110-179B-CN05-4"-PT	LIQUID/GAS	93	85	12.78	31.6	267.69	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
20	CRD	110	172B	CN05	4"	PT	CRD-110-171B-FN05-4"-PT	HEADER B	LIQUID/GAS	41.5	85	10.78	31.37	230.1	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
21	CRD	110	173B	CN05	4"	PT	CRD-110-171B-FN05-4"-PT	HEADER A	LIQUID/GAS	41.5	85	10.78	31.37	230.1	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
22	CRD	110	174B	FN05	4"	PT	CRD-110-171B-FN05-4"-PT	CDH-110-174B-AN05-6"-PT	LIQUID/GAS	93	85	12.78	31.6	267.69	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
23	CRD	110	175B	FN05	4"	PT	CRD-110-171B-FN05-4"-PT	CDH-110-175B-AN05-4"-PT	LIQUID/GAS	93	85	12.78	31.6	267.69	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
24	CRD	110	179B	CN05	4"	PT	CRD-110-171B-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	41.5	85	10.78	31.37	230.1	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
25	CDH	110	170B	AN05	1"	PT	CRD-110-170B-LN15-1"-PT	HP DRAIN	LIQUID/GAS	18.2	85	12.78	31.6	267.69	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
26	CDH	110	176B	AN05	1"	PT	INLET FLOW LINE OF W046S	CRD-110-131B-LN15-4"-PT	LIQUID/GAS	18.2	85	12.78	31.6	267.69	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										
27	CDH	110	179B	AN05	1/2"	PT	CY-1701B	DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	AMB	23.40	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01										

 NISOC							تکهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات برق رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک LINE LIST - W007S & MANIFOLD EXTENSION												 					
شماره پیمان: 053 - 073 - 9184							پروژه BK		بسته کاری W007S		صادر کننده PEDCO		تسهیلات 110		رشته PR		نوع مدرک LI		سریال 0001		نسخه D01		شماره صفحه: 5 از 7	
Item No.	LINE NUMBER						LINE DESCRIPTION			DESIGN		OPERATING		Density (kg/m3)	Test Press. (barg)	PWHT	Radiography Testing (%)	Insulation Thickness	Paint Code	P&ID No.	Rev.			
	Fluid ID Code	Unit Serial No.	Piping Serial No.	Piping Class Code	Nominal Pipe Size	Insulation Code	From	To	Fluid Phase	Press. (barg)	Temp. (°C)	Press. (barg)	Temp. (°C)											
28	CDH	110	174B	AN05	6"	PT	CRD-110-174B-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	18.2	85	12.78	31.6	267.69	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01			
29	CDH	110	175B	AN05	4"	PT	CRD-110-175B-FN05-4"-PT	CDH-110-174B-AN05-6"-PT	LIQUID/GAS	18.2	85	12.78	31.6	267.69	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01			
30	GAS	110	178B	AN05	2"	PT	CY-1701B	FLARE HEADER	GAS	3.5	85	ATM	AMB	23.40	5.25	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(3/6)	D01			
31	CRD	110	170C	LN15	1"	PT	INLET FLOW LINE OF W008N	CDH-110-170C-AN05-1"-PT	LIQUID/GAS	207	85	12.78	46.19	413.08	414	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
32	CRD	110	161	LN15	4"	PT	INLET FLOW LINE OF W008N	CRD-110-171C-FN05-4"-PT	LIQUID/GAS	207	85	12.78	46.19	413.08	414	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
33	CRD	110	177C	FN05	1"	PT	CRD-110-161-LN15-4"-PT	CRD-110-171C-FN05-4"-PT	LIQUID/GAS	93	85	12.78	46.19	413.08	139.5	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
34	CRD	110	171C	FN05	4"	PT	CRD-110-161-LN15-4"-PT	CRD-110-179C-CN05-4"-PT	LIQUID/GAS	93	85	12.78	46.19	413.08	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
35	CRD	110	172C	CN05	4"	PT	CRD-110-171C-FN05-4"-PT	CRD-110-183-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	46	361.4	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
36	CRD	110	173C	CN05	4"	PT	CRD-110-171C-FN05-4"-PT	CRD-110-184-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	46	361.4	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
37	CRD	110	174C	FN05	4"	PT	CRD-110-171C-FN05-4"-PT	CDH-110-174C-AN05-6"-PT	LIQUID/GAS	93	85	12.78	46.19	413.08	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
38	CRD	110	175C	FN05	4"	PT	CRD-110-171C-FN05-4"-PT	CDH-110-175C-AN05-4"-PT	LIQUID/GAS	93	85	12.78	46.19	413.08	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
39	CRD	110	179C	CN05	4"	PT	CRD-110-171C-FN05-4"-PT	CDH-110-186-AN05-6"-PT	LIQUID/GAS	41.5	85	10.78	46	361.4	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
40	CDH	110	170C	AN05	1"	PT	CRD-110-170C-LN15-1"-PT	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	46.19	413.08	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
41	CDH	110	176C	AN05	1"	PT	INLET FLOW LINE OF W008N	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	46.19	413.08	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
42	CDH	110	179C	AN05	1/2"	PT	CY-1701C	CDH-110-182-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	AMB	23.40	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
43	CDH	110	174C	AN05	6"	PT	CRD-110-174C-FN05-4"-PT	CDH-110-158-AN05-10"-PT	LIQUID/GAS	18.2	85	12.78	46.19	413.08	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
44	CDH	110	175C	AN05	4"	PT	CRD-110-175C-FN05-4"-PT	CDH-110-174C-AN05-6"-PT	LIQUID/GAS	18.2	85	12.78	46.19	413.08	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
45	GAS	110	178C	AN05	2"	PT	CY-1701C	GAS-110-181-AN05-2"-PT	GAS	3.5	85	ATM	AMB	23.40	5.25	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
46	CRD	110	170D	LN15	1"	PT	INLET FLOW LINE OF W028	CDH-110-170D-AN05-1"-PT	LIQUID/GAS	207	85	12.78	44.41	247.56	414	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
47	CRD	110	141	LN15	4"	PT	INLET FLOW LINE OF W028	CRD-110-171D-FN05-4"-PT	LIQUID/GAS	207	85	12.78	44.41	247.56	414	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
48	CRD	110	177D	FN05	1"	PT	CRD-110-141-LN15-4"-PT	CY-1701D	LIQUID/GAS	93	85	12.78	44.41	247.56	139.5	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
49	CRD	110	171D	FN05	4"	PT	CRD-110-141-LN15-4"-PT	CRD-110-179D-CN05-4"-PT	LIQUID/GAS	93	85	12.78	44.41	247.56	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
50	CRD	110	172D	CN05	4"	PT	CRD-110-171D-FN05-4"-PT	CRD-110-183-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	44.16	212.48	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
51	CRD	110	173D	CN05	4"	PT	CRD-110-171D-FN05-4"-PT	CRD-110-184-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	44.16	212.48	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
52	CRD	110	174D	FN05	4"	PT	CRD-110-171D-FN05-4"-PT	CDH-110-174D-AN05-6"-PT	LIQUID/GAS	93	85	12.78	44.41	247.56	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
53	CRD	110	175D	FN05	4"	PT	CRD-110-171D-FN05-4"-PT	CDH-110-175D-AN05-4"-PT	LIQUID/GAS	93	85	12.78	44.41	247.56	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			
54	CRD	110	179D	CN05	4"	PT	CRD-110-171D-FN05-4"-PT	CDH-110-186-AN05-6"-PT	LIQUID/GAS	41.5	85	10.78	44.16	212.48	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01			

 NISOC							تکهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تأسیسات سرچاهی، خطوط جریانی، تسهیلات برق رسانی مربوط به موقعیت W007S و توسعه چندراهه کلاستر بینک										 				
شماره پیمان: 053 - 073 - 9184							LINE LIST - W007S & MANIFOLD EXTENSION										شماره صفحه: 6 از 7				
پروژه: BK							بسته کاری: W007S		صادر کننده: PEDCO		تسهیلات: 110		رشته: PR		نوع مدرک: LI		سریال: 0001		نسخه: D01		
Item No.	LINE NUMBER						LINE DESCRIPTION			DESIGN		OPERATING		Density (kg/m3)	Test Press. (barg)	PWHT	Radiography Testing (%)	Insulation Thickness	Paint Code	P&ID No.	Rev.
	Fluid ID Code	Unit Serial No.	Piping Serial No.	Piping Class Code	Nominal Pipe Size	Insulation Code	From	To	Fluid Phase	Press. (barg)	Temp. (°C)	Press. (barg)	Temp. (°C)								
55	CDH	110	170D	AN05	1"	PT	CRD-110-170D-LN15-1"-PT	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	44.41	247.56	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
56	CDH	110	176D	AN05	1"	PT	INLET FLOW LINE OF W028	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	44.41	247.56	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
57	CDH	110	179D	AN05	1/2"	PT	CY-1701D	CDH-110-182-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	AMB	23.40	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
58	CDH	110	174D	AN05	6"	PT	CRD-110-174D-FN05-4"-PT	CDH-110-185-AN05-10"-PT	LIQUID/GAS	18.2	85	12.78	44.41	247.56	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
59	CDH	110	175D	AN05	4"	PT	CRD-110-175D-FN05-4"-PT	CDH-110-174D-AN05-6"-PT	LIQUID/GAS	18.2	85	12.78	44.41	247.56	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
60	GAS	110	178D	AN05	2"	PT	CY-1701D	GAS-110-181-AN05-2"-PT	GAS	3.5	85	ATM	AMB	23.40	5.25	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
61	CDH	110	180	AN05	2"	PT	FLOWLINES	DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	31.6 ~ 46.19	162	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
62	CDH	110	181	AN05	2"	PT	FLOWLINES	FLARE HEADER	LIQUID/GAS	18.2	85	12.78	31.6 ~ 46.19	162	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
63	CDH	110	182	AN05	2"	PT	FLOWLINES	DRAIN HEADER	LIQUID/GAS	18.2	85	12.78	31.6 ~ 46.19	162	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
64	CDH	110	183	FN05	12"	PT	FLOWLINES	HEADER B	LIQUID/GAS	93	85	10.78	31.6 ~ 46.19	162	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
65	CDH	110	184	FN05	12"	PT	FLOWLINES	HEADER A	LIQUID/GAS	93	85	10.78	31.6 ~ 46.19	162	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
66	CDH	110	185	AN05	10"	PT	FLOWLINES	DRAIN SEP.	LIQUID/GAS	18.2	85	10.78	31.6 ~ 46.19	162	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
67	CDH	110	186	AN05	6"	PT	FLOWLINES	DRAIN SEP.	LIQUID/GAS	18.2	85	10.78	31.6 ~ 46.19	162	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
68	CRD	110	170E	LN15	1"	PT	INLET FLOW LINE OF W035	CDH-110-170E-AN05-1"-PT	LIQUID/GAS	207	85	12.78	40.71	253.17	414	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(4/6)	D01
69	CRD	110	151	LN15	4"	PT	INLET FLOW LINE OF W035	CRD-110-171E-FN05-4"-PT	LIQUID/GAS	207	85	12.78	40.71	253.17	414	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
70	CRD	110	177E	FN05	1"	PT	CRD-110-151-LN15-4"-PT	CY-1701E	LIQUID/GAS	93	85	12.78	40.71	253.17	139.5	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
71	CRD	110	171E	FN05	4"	PT	CRD-110-151-LN05-4"-PT	CRD-110-179E-CN05-4"-PT	LIQUID/GAS	93	85	12.78	40.71	253.17	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
72	CRD	110	172E	CN05	4"	PT	CRD-110-171E-FN05-4"-PT	CRD-110-183-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	40.47	217.39	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
73	CRD	110	173E	CN05	4"	PT	CRD-110-171-FN05-4"-PT	CRD-110-184-FN05-12"-PT	LIQUID/GAS	41.5	85	10.78	40.47	217.39	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
74	CRD	110	174E	FN05	4"	PT	CRD-110-171E-FN05-4"-PT	CDH-110-174E-AN05-6"-PT	LIQUID/GAS	93	85	12.78	40.71	253.17	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
75	CRD	110	175E	FN05	4"	PT	CRD-110-171E-FN05-4"-PT	CDH-110-175E-AN05-4"-PT	LIQUID/GAS	93	85	12.78	40.71	253.17	139.5	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
76	CRD	110	179E	CN05	4"	PT	CRD-110-171E-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	41.5	85	10.78	40.47	217.39	62.25	N	100%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
77	CDH	110	170E	AN05	1"	PT	CRD-110-170E-LN15-1"-PT	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	40.71	253.17	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
78	CDH	110	176E	AN05	1"	PT	INLET FLOW LINE OF W035	CDH-110-180-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	40.71	253.17	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
79	CDH	110	179E	AN05	1/2"	PT	CY-1701E	CDH-110-182-AN05-2"-PT	LIQUID/GAS	18.2	85	12.78	AMB	23.40	27.3	N	-	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
80	CDH	110	174E	AN05	6"	PT	CRD-110-174E-FN05-4"-PT	DRAIN SEP	LIQUID/GAS	18.2	85	12.78	40.71	253.17	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01
81	CDH	110	175E	AN05	4"	PT	CRD-110-175E-FN05-4"-PT	CDH-110-174E-AN05-6"-PT	LIQUID/GAS	18.2	85	12.78	40.71	253.17	27.3	N	20%	-	A	BK-W007S-PEDCO-110-PR-PI-0001(5/6)	D01

