

Pacific Gas and Electric Company Gas Pipeline Facilities Strength Test Pressure Report (For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 2/04) California Gas Transmission (Usain Accordance win Gas Stardard A-34 and GO 112-D)

IN GO													Sheet	1of	4
PART I -	DESIGN (ATA (TO BI	PREPAR	ED BY PI	ROJECTE	NGINEER	()								
Feeder Main I	Number, Line	Number, or Stati	on Name	Area		Division/Di	strict		S!		Job N	lumber		Date Job Authorize	Notice of the second
	L-3(3			San J	ose			41497	313	6/211	
Description of TEST 1	i Job Include Hydrosta	Reference Dra lically test to	wing Number Omporary	s, and Pipi / cut cap	eline Milepo os and p	ists Jups (refe	er to Drav	wing 4	1497313 st	neet 5 de	etail 3)				
Hydrotest	L-300A fr	om MP 490	.66 – 49	3.59 S	an Jose	, CA (T	est Secti	on 71)							
Location Clas	s I	Design Factor (F)	MAC	P lo be Es	tablished fo	or this Piping	by this Test 671			esign Press	ure				676 PSIG
STA	TIC HEAD DU	ЕТО	Max. Eleva	etion .	0	Ft.	Static Head	Calculatio	on.			***************************************			
A ANGLES	ATION DIFFER		Min. Eleva	en a la l	0	7	For Waler	-2020200000000000		0.433	X Elev. Diff.	Sec.		0 _{PSI}	C.
	ERE APPLICA		Elev, Diff.	ioon .	0	"	Other (Spec	16A			X Elev. Dil			PSI	
/Axidi	ENC AFFLICA		ecification		- Complete		Cuter (opec	3//	Pipe Sp		A LIGAT DI	**-	% of SMYS	I VI	Pressure to
Siz			API or	ASTM Gra	ade		Foola		Footage	Verified		41.	At Min.	At Max.	Give 90%
O.D.	W.T.	1	Seam (ERW	POSTAGA DE CONTRACTOR DE CONTR			Po To		In I	iold		NOP	Test Press.	Test Press.	SMYS
34.00"	0.505"	API 5L, X			(Item 1	سنمصحن وبربين ويربي	1 2		12. 1	96		.93	56.89	64.52	1604
34.00"	0.375"	ADIRI ,Y	***************************************		(Item 1					<u> </u>	_	.15	70.72	80.21	1290
-	<u> </u>	WAS	NOT	1			- Company		MEID	***************************************		<u> 6cT4</u>	<u>U</u>	<u> </u>	
		<u> </u>	······································					2		ER	_	EVIN	<u>GAL i</u>		
							-		ļ		-				
	-	<u> </u>				· · · · · · · · · · · · · · · · · · ·	-				_				
							-	•	_		 				
	<u> </u>	<u> </u>		— —	<u></u>		1-1	Tes	l Fluid	MINIMI	JM TEST	DURAT	ION		<u> </u>
Minimum Te	est Pressure	@ Max. Eleva	tion		N.	1014	PSIG	To E	le Used	-UNDER	30% SMYS	(1 HR. MI	NIMUM)		4 HOURS
	On Branchista	Banur Eleac	Ole at a			1150	PSIG	W	ATER		YS & OVER			T 'A', GAS STD. A	an.
2	minution 5.3	. (6. 1)		Date:		Enr	Information	or Chano	es Call·	- PREINO	App	roved By:	11/1		, Date: ,
Redacte	d			6/24/2	2011	Re	edacted	2						(al	25/11
PARY II - TES	ST BATA (TO	DE LUCLVIVEN	DI FERSO	N SUPERN	IISING TES	T AT TIME	OF TEST)			Note:	Caire n loc! muniCir 100	r Nesenie vvecenie	ချောင် လုပ်ငေးပည် ၁၈၉၂ ချောင် လုပ်ငေးသည် ၁၈၉၂	not to be changed	
			•			5.				1	without wri	Iten appro	ral,		
Time and Dal				<u> </u>	Florellan	al Tank		***************************************	Min. Require	od Teel		-	Max, Alloy	ishle Tool	
Test Pressure Reached	1	as in a second			Elevation Point	i at i est		FT	Press. At Te		(1)	PSIG	Press at T		PSIG
Time and Date Test Ended	e				Max. Eler Test Sec			FT	Min, Indicate Test Pressu		(2)	PSIG	Max, Indic Test Press		PSIG
Actual Duratio	on				Min. Elev	ration in			Min. Test Pr				Max. Test	Pressure	
of Test		1			Test Sec	tion		FT Pipe Sp	at Max. Elev ecification and I	ation Footage Ver	(3) rified (See F	PSIG Part IX	at Min. Ele		PSIG
Test Fluid Use	9 0								LA	603					
Make, Range,	, and Serial No	of Pressure R	ecording Gau	ıge	1	Date Last C	alibrated	Mak	e, Range, and S	Serial No. of	Dead Weig	ht Te ster	See Note 7)	Date I	ast Calibrated
						75.1	·····	din	oved By Red	<u>)</u>				Date	
Test Supervis	еа ву:					Date:		("	Red	Jacteu				9.5	5 -11
PUT SCHEM/	ATIC PIPING	SKETCH ON BA	CK OF THIS	SHEET				SUITE W	We sun force	OC AND INC	ODDODAY				
SHOW LOCA	TION OF FAC FRENCE NUM	ILITY TESTED, BERS ON FAC	MINIMUM A E OF ALL DE	ND MAXIL RAWINGS	MUM ELEV/ AND ATTA	ATION IN FE CHMENTS).	ET, MILE P	TON PIPI	NG. FABRICAT	ED UNITS	AND SHOR	EUAREA! TSECTIO	S. USE AN ADDI NS OF PIPE. ALS	TIONAL SHEET IF SO SHOW A DETA	NECESSARY ILED SKETCH
OF EACH AS	SEMBLY TES														
NOTES: (1) Add the	static head du	e to elevation di	ference (beh	ween lest p	m bne Inioc	aximum elev	ration) to			T <mark>RIBUTIO</mark> I FILE (AT SF		G ORGAN	ZATION)		
"minimu	m lest pressur	e at maximum e n lest gauge at a	evation* fron	n PART I.			- Secretary		CGU	ATS RESON	חופופו ב ה	ISTRICT C	UPERINTENDEN	ir .	
(3) Subtract	static head du	e to elevation d	ference (be)	hween test	point and m	naximum ele	valion) from							**	
(4) Subtract	n indicated tes static head du	e to elevation d	flerence (be)	lween test	point and m	inimum elev	ration) from		PRO.	JECT MAN/	NGERPRO.	JEUI ENG	INEEK		
'maximu	ım test pressu	e at minimum e st gauge at any	evation" from	n PART I.			- 1		TECH	INICAL & C	ONSTRUC	TION SER	VICES - ASSIGN	ED JOBS ONLY	
(6) Add stati	c head due lo	elevation differe	nce (betwee	n test poin	t and minim	um elevatio	n) lo maximu	ım	CAPI	TAL ACCO	UNTING (F	OREMAN'S	COPY OF JOB)		
	l test pressure veight tester is	only required w	hen testina t	o a pressu	re which pro	oduces a str	ess level of S	90%	RECO	ORDS SEC	TION (WC).	GMS&TS			
of SMYS		owever, if a dea							San		and the second) GAS ENGINFF	RING & PLANNING	3





Pacific Gas and Electric Company Gas Pipeline Facilities Strength Test Pressure Report (For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 2/04) California Gas Transmission (Use in Accordance w'in Gas Stanlad A 34 and GO 112-D)

Feeder Main Nu			DARENBY	PROJECT ENGI	INFER)\				Sheet		4
	unwer, Line i	Yumber, or Station Nam			islon/Di		W.W. (1.00 Market)		Job Number		Date Job Authorize	d
a respectively policy in the	L-30		1	3		San Jo	se		41497	313	6/24	111
Description of	Job Include	Reference Drawing Nu	mbers, and F	ipeline Mileposts	***************************************	**************************************			b			
			rary cut c	aps and pups	s (ref	er to Drawing 41	497313 s	heet 5 deta	il 8 and 9), a	nd hydrosta	tically test exis	sting I
pipe assen	ndiy ali Re	edacted om MP 490.66 -	403 50	Can lose C/	<u> ЛГАШ</u> Л. /Т	ing 41497313 De	etali 11)	********		The state of the s		·
Liyuloteat t	L-000M II	om wii 430.00-	400.00	oan soss, or	A 1/1	ear occion i ij					N. S. S. S. S.	
Location Class	ū		MAOP to be	Established for this	Piping			Design Pressure				070
3		5			- 1	676 PSI	<u></u>					676
STATI	IC HEAD DUI	ETO Max.	Elevation	44.	. 1	Static Head Calculation	1:				Ä	
ELEVAT	TION DIFFER	KENCE Min.	Elevation	***************************************	Ft.	For Water		0.433 X E	lev. Diff. =	14.1	O PSI	
(WHEF	RE APPLICA			<u> </u>	Ft.	Other (Specify)			Elev. Diff. =		PSI	
Size		Pipe Specificat	on Plorastm	Grade.	<u> </u>	Footage to	0.00	pec. and e Verified	At	% of SMYS At Min.	Al Max,	Pres Giv
O.D.	W.T.			/, Seamless, Etc.)		Do Tooled		Field	MAOP	Test Press.	Test Press.	SI
8.625"	0.322"	API 5L, GR.B,	SMLS	(Item 112)	10 sau, 11		0`	1410	25.87	38.80	44.01	23
	0.237"	API 5L, GR.B,		(Item 114)		29	0	Klo_	18.34	27.50	31.19	33
1.05"	0.154"	API DL, ON.D		(Nem 200)	-	100	\mathcal{O}_{-}	619	6.50	9.88	11.20	92
		150 C	<u>Als</u>	MELD	and the same of th		TY	110	PIPE	T65	7 100	
		DEB	KEV	W GA	<u>LE</u>	+						
				4.4								<u> </u>
	<u>Liamento de monto de la constanta de la const</u>					-				The state of the s		ļ
							Fluid	1	TEST DURAT		<u> </u>	
PART II - TEST	DATA (TO	BE PREPARED BY PE		1/2011 RVISING TEST AT	TIME	OF TESTI	order to describe an extra	L UZGA 1994				CONTRACTOR SOCIETY
	4. 44.000					Or ILON		I NOTE: WHITE	num test pressure	and duration are	not to be changed	
						<u> </u>			num test pressure hout written appro		not to be changed	, i
Time and Date				Transition			Ma Denii	Vil		yal,		
Time and Date Test Pressure Reached				Elevation at Ta		FI	Min, Requi	viit red Test		val, Max. Allo	not to be changed wable Test Test Point (4)	
Test Pressure Reached Time and Date				Point Max. Elevation	esi	FT	Press. At 1 Min. Indica	red Test est Point (houl written appro	Max. Allo Press at	wable Test Test Point (4)	
Test Pressure Reached Time and Date Test Ended				Point Max. Elevation Test Section	est n in		Press. At 7 Min. Indica Test Press	red Test est Point (led ure (houl written appro	Max. Allo Press at Max. Indi Test Pres	wable Test Test Point (4) cated sure (5)	
Test Pressure Reached Time and Date Test Ended Actual Duration				Point Max. Elevation Test Section Min. Elevation	est n in	FT FT	Press. At 7 Min. Indica Test Press Min. Test F	red Test est Point (led ure (Pressure	houl written appro	Max. Allo Press at 1 Max. Indi Test Pres	wable Test Test Point (4) cated sure (5)	
Test Pressure Reached Time and Date Test Ended				Point Max. Elevation Test Section	est n in	FT FT Pipe Spe	Press. At 1 Min. Indica Test Press Min. Test I at Max. Ek cification and	red Test est Point (led ure (Pressure avation (I Footage Verifie	houl written appro	Max. Allo Press at Max. Indi Test Pres	wable Test Test Point (4) cated ssure (5)	
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used		of Pressure Recording	1 Cauca	Point Max. Elevation Test Section Min. Elevation Test Section	esi n in	FT FT Pipe Spe	Press. At 1 Min. Indica Test Press Min. Test I at Max. Ele cification and	red Test fest Point (feet (f	1) PSIG 2) PSIG 3) PSIG d (See Part I)	Max. Allo Press al T Max. Indi Test Pres Max. Tes al Min. El	wable Test Fest Point (4) cated sure (5) I Pressure evation (6)	
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used		of Pressure Recording	j Gauge	Point Max. Elevation Test Section Min. Elevation Test Section	esi n in	FT FT Pipe Spe	Press. At 1 Min. Indica Test Press Min. Test F at Max. Ele cification and	red Test fest Point (feet (f	houl written appro	Max. Allo Press al T Max. Indi Test Pres Max. Tes al Min. El	wable Test Fest Point (4) cated sure (5) I Pressure evation (6)	asi Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used	ı d and Serial No	of Pressure Recording	g Gauge	Point Max. Elevation Test Section Min. Elevation Test Section	esi n in i in Lasi C	FT FT Pipe Spe	Press. At 1 Min. Indica Test Press Min. Test I at Max. Ele cification and	red Test est Point (led ure (Pressure savation (I Foolage Verifie 4-60-3 Serial No. of De	1) PSIG 2) PSIG 3) PSIG d (See Part I)	Max. Allo Press al T Max. Indi Test Pres Max. Tes al Min. El	wable Test Fest Point (4) cated ssure (5) I Pressure evation (6) Date L	ast Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a	d Serial No	EVETCU ON BACK OF	TURC QUEE	Point Max. Elevation Test Section Min. Elevation Test Section Date Date	est n in i in Last C	FT FT FT Pipe Spe	Press. At 1 Min. Indica Test Press Min. Test F at Max. Ele cification and Redacte.	red Test est Point (ted ure (Pressure evation (1 Footage Verifier 4 Lo 3 Serial No. of De	1) PSIG 2) PSIG 3) PSIG (See Part I) ad Weight Te _{ister}	Max. Allo Press at Max. Indi Test Pres Max. Tes at Min. El	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L	ast Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised	d and Serial No	SKETCH ON BACK OF	THIS SHEE	Point Max. Elevation Test Section Min. Elevation Test Section Date Date	esi n in Lasi C	FT FT FT Pipe Spe App	Press. Al 1 Min. Indica Test Press Min. Test Press Al 1 Max. Ele cification and Redacte	red Test rest Point (fed ure (Pressure avation (Footage Verifier 4603 Serial No. of De	1) PSIG 2) PSIG 3) PSIG d (See Part I) ad Weight Tenster	Max. Allor Press at ** Max. Indi Test Pres Atax. Tes at Min. Et (See Note 7)	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J S	ast Ca
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised	and Serial No d By: TIC PIPING S ION OF FAC RENCE NUM	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A	THIS SHEE	Point Max. Elevation Test Section Min. Elevation Test Section Date Date	esi n in Lasi C	FT FT FT Pipe Spe	Press. Al 1 Min. Indica Test Press Min. Test Press Al 1 Max. Ele cification and Redacte	red Test rest Point (fed ure (Pressure avation (Footage Verifier 4603 Serial No. of De	1) PSIG 2) PSIG 3) PSIG d (See Part I) ad Weight Tenster	Max. Allor Press at ** Max. Indi Test Pres Atax. Tes at Min. Et (See Note 7)	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J S	ast Ca
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAN SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES:	od Serial No d By: TIC PIPING S ION OF FAC RENCE NUM EMBLY TES	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TED.	THIS SHEE UM AND MA L DRAWING	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date I XIMUM ELEVATION SS AND ATTACHMI	esi n in Lasi C Lasi C N IN FE	FT FT Pipe Spe BijFaled Make App App FE; MILEROINTS, VA FOR STATION PIPIN	Press. At 1 Min. Indica Test Press Min. Test Press Affin. Test Press Affin. Test Press at Max. Etc. ification and Redacte Redacte LVE-NUMBE G, FABRICA DIS	red Test rest Point (led ure (Pressure avation (Frodage Verifier A C 3 Serial No. of De CRS AND INCOR TED UNITS AND STRIBUTION	1) PSIG 2) PSIG 3) PSIG 4 (See Part I) ad Weight Tejsler PORATED A REAL 9 SHORT SEIGHT	Max. Allor Press at Max. Indi Test Pres Max. Tes at Min. El (See Note 7) S. USE AN ADD NS OF PIPE, AL	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J S	ast Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAT SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES: (1) Add the st	and Serial No d By: THE PIPING S ION OF FAC RENCE NUM EMBLY TES tatic head durates the series of the	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TED, a to elevation difference a at maximum elevation	THIS SHEE UM AND MAY L DRAWING b (between te	Point Max. Elevation Test Section Min. Elevation Test Section Date Date I XIMUM ELEVATION S AND ATTACHMI	esi n in Lasi C Lasi C N IN FE	FT FT Pipe Spe BijFaled Make App App FE; MILEROINTS, VA FOR STATION PIPIN	Press. At 1 Min. Indice Test Press Min. Test Press Min. Test In at Max. Ele cification and L. Range, and Redacte LVE-NUMBE G, FABRICA DIS JOI	red Test est Point (ted ure (Pressure evation (1 Footage Verifier 4 6 3 Serial No. of De CRS AND INCOR TED UNITS AND STRIBUTION B FILE (AT SPON	1) PSIG 2) PSIG 3) PSIG (See Part I) ad Weight Tessler PORATED A READ SHORT SEIGTIC	Max. Alloi Press at Max. Indi Test Pres Max. Tes at Min. El (See Note 7)	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J 5 ottomal Sheet IF SO SHOW A DETA	ast Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAT SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES: (1) Add the st "minimum (2) Use towes	d By: TIC PIPING: ION OF FAC RENCE NUM EMBLY TES table head dur test pressure of	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TEO. a to elevation difference	THIS SHEE UM AND MAL L DRAWING (between te from PART during lest.	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date Date SAMD ATTACHMI st point and maximul.	est n in Last C te: N IN FE	FT FT FT Pipe Spe App EEI, MILE POINTS, VA FOR STATION PIPIN valion) to	Press. At 1 Min. Indice Test Press Min. Test Press Min. Test In at Max. Ele cification and L. Range, and Redacte LVE-NUMBE G, FABRICA DIS JOI	red Test est Point (ted ure (Pressure evation (1 Footage Verifier 4 6 3 Serial No. of De CRS AND INCOR TED UNITS AND STRIBUTION B FILE (AT SPON	1) PSIG 2) PSIG 3) PSIG 4 (See Part I) ad Weight Tejsler PORATED A REAL 9 SHORT SEIGHT	Max. Alloi Press at Max. Indi Test Pres Max. Tes at Min. El (See Note 7)	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J 5 ottomal Sheet IF SO SHOW A DETA	ast Ca
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAN SHOW LOCATI (SHOW REFES) OF EACH ASSI (1) Add the st "orinimum (2) Use towes (3) Subtract si minimum in	and Serial No d By: TIC PIPING S ION OF FAC RENCE NUM EMBLY TES' tatic head dur t lest pressure of tatic head dur tatic head dur tatic head dur indicated lest	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TED. a to elevation difference a timaximum elevation i lest gauge at any time e to elevation difference pressure.	THIS SHEE UM AND MA L DRAWING (between le from PART e during lest. e (between le	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date IXIMUM ELEVATION SS AND ATTACHMI est point and maximum. I. est point and maximum.	est n in Last C te: N IN FF	FT FT FT Pipe Spe atilitated Make Appr F F F F Pipe Spe F F F F F F F F F F F F F F F F F F F	Press. At 1 Min. Indica Test Press Min. Test Press At 1. At	red Test rest Point (led ure (Pressure avation (Foolage Verifier Foolage Verifier GREAND INCOR TED UNITS AND STRIBUTION BFILE (AT SPONS MATS RESPONS	1) PSIG 2) PSIG 3) PSIG (See Part I) ad Weight Tessler PORATED A READ SHORT SEIGTIC	Max. Allor Press at 1 Max. Indi Test Pres Max. Tes at Min. El (See Note 7) S. USE AN ADD NS OF PIPE, AL	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J 5 ottomal Sheet IF SO SHOW A DETA	ast Ca
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAT SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES: (1) Add the st "minimum (2) Use towes (3) Subtract s minimum (4) Subtract s "maximum"	and Serial No d By: TIC PIPING S ION OF FAC RENCE NUM EMBLY TES table head du table head du table head du indicated test static head du in test pressur	SKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TED, a to elevation difference a at maximum elevation in lest gauge at any time to televation difference pressure.	THIS SHEE UM AND MAX L DRAWING to (between ie from PART during last, e (between is from PART	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date IXIMUM ELEVATION S AND ATTACHMI st point and maximulation Lest point and maximulation and point and maximulation and point and minimulation	est n in Last C te: N IN FF	FT FT FT Pipe Spe atilitated Make Appr F F F F Pipe Spe F F F F F F F F F F F F F F F F F F F	Press. At 1 Min. Indice Test Press Min. Test Press Min. Test Press At Max. Ele at Max. Ele cification and Redacte Redacte LVE-NUMBE G, FABRICA DIS JOI GSI	red Test est Point (ted ure (Pressure evation (1 Footage Verifier A D D RS AND INCOR TED UNITS AND STRIBUTION B FILE (AT SPON M&TS RESPONS DJECT MANAGE	1) PSIG 2) PSIG 3) PSIG 4 (See Part I) 2d Weight Tenster 2 PORATED A READ SHORT SEIGHT	Max. Allo' Press at " Max. Indi Test Pres Atax. Tes at Min. Et (See Note 7) S. USE AN ADD INS OF PIPE, AL IZATION) SUPERINTENDE	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date L Q - J S ottonal Sheet IF SO SHOW A DETA	ast Cal
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Supervised PUT SCHEMAN SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES: (1) Add the st "onlinium." (2) Use lowes (3) Subtract s minimum." (4) Subtract s "maximum (5) Highest pr	and Serial No d By: TIC PIPING: ION OF FAC RENCE NUM EMBLY TES tatic head du indicated lest tatic head du indicated ressure to test pressure in test pressure ressure on le	EKETCH ON BACK OF ILITY TESTED, MINIM BERS ON FACE OF A TED, a to elevation difference at maximum elevation the to elevation difference pressure.	THIS SHEE DM AND MAL L DRAWING to (between ie 'from PART d during lest. e (between ie 'from PART irrom PART irrom fest.	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date I XIMUM ELEVATION SS AND ATTACHMI st point and maximulation Lest point and maximulation ast point and maximulation I.	est n in Last C te: N IN FE ENTS)	FT FT FT Pipe Spe BijFaled Make App FE; MILEROINTS, VA FOR STATION PIPIN valion) to evation) from valion) from	Press. At 1 Min. Indica Test Press Min. Test Press At 1. At	red Test red Test rest Point (red Test rest Point (red Test rest Point (red Test	1) PSIG 2) PSIG 3) PSIG (See Part I) ad Weight Tessler PORATED A READ SHORT SEIGHTE ISORING ORGANISHE DISTRICT IS	Max. Allor Press at Max. Indi Test Pres Ax. Test Ax. Tes	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date I P - J S ITIONAL SHEET IF SO SHOW A DETA NT NED JOBS ONLY	asi Cali
Test Pressure Reached Time and Date Test Ended Actual Duration of Test Test Fluid Used Make, Range, a Test Superviser PUT SCHEMAT SHOW LOCATI (SHOW REFER OF EACH ASSI NOTES: (1) Add the st "minimum (2) Use lowes (3) Subtract s "maximum (4) Southered s "maximum (5) Highest pr (6) Add statio indicated t	and Serial No d By: TIC PIPING S ION OF FAC RENCE NUM EMBLY TES table head du lest pressure or table head du in test pressure ressure on le head due to test pressure test pressure	SKETCH ON BACK OI ILITY TESTED, MINIM BERS ON FACE OF A TED. a to elevation difference a timaximum elevation in lest gauge at any time to elevation difference pressure. to elevation difference a et minimum elevation st gauge et any time de elevation difference (be	THIS SHEE UM AND MAX L DRAWING to (between te " from PART during lest, e (between te " from PART ring lest, stween test p	Point Max. Elevation Test Section Min. Elevation Test Section Date Date Date IXIMUM ELEVATION SE AND ATTACHMI st point and maximulation ast point and maximulation ast point and minimum elevation I. I point and minimum elevation and minimum elevation I point and minimum elevation	est n in Last C te: N IN FE ENTS)	FT FT FT Pipe Spe etijraled Make Appr EE j. MILE-ROINTS, VA FOR STATION PIPIN valion) to evation) from valion) from	Press. At 1 Min. Indice Test Press Min. Test Press Min. Test Press At Max. Ele at Max. Ele cification and Redacte Redacte LVE-NUMBE G, FABRICA DIS JOI GSI PRO CAI	red Test est Point (ted ure (Pressure evation (Frotage Verifier ACCOUNT est Point frotage Verifier frotag	1) PSIG 2) PSIG 3) PSIG 3) PSIG 4 (See Part I) 2d Weight Teister 2 PORATED A READ SHORT SEIGHT 2 STRUCTION SEF	Max. Allo' Press at " Max. Indi Test Pres At Max. Test At Min. Et (See Note 7) S. USE AN ADD INS OF PIPE, AL IZATION) SUPERINTENDE SINEER VICES - ASSIGN S COPY OF JOS	wable Test Fest Point (4) cated sure (5) I Pressure evation (6) Date I P - J S ITIONAL SHEET IF SO SHOW A DETA NT NED JOBS ONLY	asi Cali



Pacific Gas and Electric Company

Gas Pipeline Facilities Strength Test Pressure Report
(For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 2/04) California Gas Transmission (Use in Accordance with Gas Standard A-34 and GO 112-D)

Sheet __3___ of __4

TOILI - F	DESIGN D	ATA (TO BE P	REPARED BY F	PROJECT ENGINEER	3)					·	
Feeder Main N		lumber, or Station I	Name Area	Division/D				Job Number	1	Date Job Authorize	
	L-30			3	San J	ose		41497	'313	6/24	7.11
TEST 3-	Hydrostati	Reference Drawing ically test tie-i	n piping, hyd	rotest piping, and	existing 34" L-	300a. Exist	ing pipelin	ie material lis	ted (ie. pipe,	elbows, slee	ves, etc.)
				1497313, Sheet 7			0", 1.05",	4.50", and 0.	84" pipe (Fie	ld Addition)	
Hydrotest	L-300A fro	om MP 490.6	6 – 493.59	San Jose, CA (T	est Section 71)						
Location Class	s D	esign Factor (F)	MAOP to be F	Established for this Piping	by this Test 676 PS		sign Pressure	<u></u>		*	676 PSIG
-	TIC HEAD DUE		lax. Elevation	200 Ft.	Static Head Calculati						
	ATION DIFFER		fin. Elevation	123 Ft.	For Water	VII.	0.433 V E	lev, Diff. =		34 _{PSI}	c
				77 Ft.	Other (Specify)			Elev. Diff. =		PSI	
(AALIE	ERE APPLICA	Pipe Speci	lev. Diff. ication	Ti Ti I	Other (opecity):	Pipe Spe		Liev. Dili. –	% of SMYS	1 71	Pressure to
Siz			API or ASTM G		Footage to	Footage		At	At Min.	At Max.	Give 90%
0.D.	W.T.		am (ERW, DSAW,		Do Tooled	45.8	- 1	MAOP	Test Press. 56.89	Test Press. 64.52	SMYS
34.00" 34.00"	0.505"	API 5L, X-6 API 5L, X-4	and the second second	(Item 101) (Item 2)	44,253'	14256		37.93 49.97	74.95	85.00	1604 1218
34.00"	0.562"	API 5L, X-4		(Item 4)	+ - 177'	WOR		34.08	51.12	57.98	1785
34.00"	0.380"	API 5L, X-6		(Item 5)	+ 207'	Mos		50.40	75.61	85.75	1207
34.00"	0.500"	API 5L, X-6		(Item 6)	1155'	WOR		38.31	57.46	65.17	1588
8.625"	0.500"	API 5L, GR		(Item 14)	6"	MOR	1.4	16.66	24.99	28.34	3652
2.375"	0.154"	API 5L, GR		(ltem 15)	2' 6"	MOR		14.89	22.34	25.34	4085
4.5"	0.237"	API 5L, GR	.B SMLS	(Item 15 & 17)		MOR		18.34	27.50	31.19	3318
34.00"	0.375"	API 5L, X-6	0, DSAW		1.75'	kla		51.08	76.61	86.89	1191
1.05"	0.154"	API 5L, GR			106'	lla		6.58	9.88	11.20	9240
4.50"	0.237"	API 5L, GR	.B SMLS	(iku*1))T9'	KU9		18.34	27.50	31.19	3318
Minimum Te	est Pressura	@ Max. Elevatio	n	1014		at Cluid St Fluid Be Used		<u>1 TEST DURA.</u> % SMYS (1 HR. M			8 HOURS
					N N	/ATER	- 30% SMYS	& OVER (8 HRS. M	INIMUM)		
Maximum T Prepared By:		e @ Min. Elevatio	n) Date:	<u></u>	PSIG Char	asa Calli	- PREINSTA	LLATION TEST (S		T 'A', (3AS STD. /	-34) Date:
Redacted				1/201 ₁ Re	edacted					E	-25-11
PART II - TES	ST DATA (TO		PERSON SUPE		A PROPERTY OF THE PARTY OF THE		7		and duration are	not to be changed	
		BE PREPARED B	. I Elifonii Anim	RVISING TEST AT TIME	OF IEST)			lmum test pressure ithout written apor		not to be changed	
	te .			RVISING LEST AT TIME				ithout written appro	oval.	not to be changed	
Time and Dat		9:17	7*	Eleva _{tion} at Test	123	Min. Require	w d Test	ithout written appro	yal. 7 Max. Allo	wable Test	1/50
Time and Dat Test Pressure Reached	e	9:17	Р* И-11	Elevation at Test	123	Press. At Te	d Test st Point	ithout written appro-	Max. Allo Press at	wable Test Fest Point (4	//50 P310
Time and Dat	e	9:17	Р* И-11	Elevation at Test	123 FT 200 FT		w d Test st Point d	(1) /047 (1) PSIG (2) PSIG	Max. Allo Press at Max. Indi Test Pres	wable Test Fest Point (4 cated	//50 i) F310 //49
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duration	e te	9:17	pr 29-11 5Am 50-11	Elevation at Test Point Max. Elevation in Test Section Min. Elevation is	123 FT 200 FT 123	Press. At Te Min. Indicate	d Test st Point d	(1) /047 (1) PSIG (2) PSIG (2) PSIG	Max. Allo Press at Max. Indi Test Pres	wable Test Fest Point (4	//SO FSIG //Y9 PSIG ///9
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratio	e te on	9:17 9:17 6:19 8 he	P* 29-11 SAM.	Elevation at Test Point Max. Elevation in Test Section	123 FT 200 FI 123	Press. At Te Min. Indicate Test Pressu Min. Test Pr	w d Test st Point de eessure	(1) PSIG (2) PSIG (3) PSIG	Max. Allo Press at Max. Indi Test Pres	wable Test Fest Point (4 cated sure (4	//50 F3IG //49 PSIG
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratio of Test Test Fluid Us	te on sed W	9:17 7-3 8 he	Pm 29-11 5Am 50-11 SBMin	Elevation at Test Point Max. Elevation in Test Section Min. Elevation is	123 FT 200 FI 123 FT Ripe S	Press. At Te Min. Indicate Test Pressu Min. Test Pr of Max. Flau pecification and	d Test st Point d e essure aften Footage Verifit	(1) PSIG (2) PSIG (2) PSIG (3) PSIG (4) PSIG (5) PSIG (6) PSIG (7) PSIG (7) PSIG (7) PSIG (8) PSIG (8) PSIG (8) PSIG (9)	Max. Allo Press at Max. Indi Test Press at Max. Test Allo	wable Test Fest Point (4 cated sure (4	//SO FSIG //Y9 PSIG ///9
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duration of Test Test Fluid Us	e te on sed be s	9:17 9:17 6:19 8 he	PT 29-11 5Am 50-11 SB Min	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section	12.3 T 2.00 FI 12.3 ET Pipe S	Press. At Te Min. Indicate Test Pressu Min. Test Pr at May Elan pecification and	d Test st Point id e essure effin cotage Verifit E SPANG Gerial No. of D	(1) PSIG (2) PSIG (2) PSIG (3) PSIG (4) PSIG (5) PSIG (6) PSIG (7) PSIG (7) PSIG (8) PSIG (8) PSIG (9) PSIG (9) PSIG (9) PSIG (10) PSIG	Max. Allo Press at Max. Indi Test Press at Max. Test Allo	wable Test Fest Point (4 cated sure (1) t Pressure evation (4) Date	//SO FSIG //Y9 PSIG ///9
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duration of Test Test Fluid Us Make, Range	te on sed U a, and Serial N sed By:	9:17 9:18 7-2 8 hp Hir- 0. of Pressure Reco 3000, 20	PT 29-11 5Am 50-11 SB Min	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last 0 Date:	12.3 FT 2.60 FT 12.3 ET Ripe S Callibrated Mar- Apr Callibrated Apr Callibrated	Press. At Te Min. Indicate Test Pressu Min. Test Pr at Max Flau pecification and like, Range, and S	d Test st Point d e eassure aften Cootage Verifis E SPANI erial No. of D	(1) PSIG (2) PSIG (2) PSIG (3) PSIG (4) PSIG (5) PSIG (6) PSIG (7) PSIG (7) PSIG (8) PSIG (8) PSIG (9) PSIG (9) PSIG (9) PSIG (10) PSIG	Max. Allo Press at Max. Indi Test Press at Max. Test Allo Max. Test Allo	wable Test Fest Point (4 cated sure (1 t Pressure evation /6 Date Date	
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratio of Test Test Fluid Us Make, Range	te on ed u a, and Serial N co sed By: Redact	9:17 6:18 7-2 8 hp Her- 0. of Pressure Reco 3000, 20	PT 29-11 5Am 50-11 SBMin ording Gauge 02A-115	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last 0 Date: Date:	12.3 T 2.00 FI 12.3 ET Pipe S	Press. At Te Min. Indicate Test Pressu Min. Test Pr at May Elan pecification and	d Test st Point d e eassure aften Cootage Verifis E SPANI erial No. of D	(1) PSIG (2) PSIG (2) PSIG (3) PSIG (4) PSIG (5) PSIG (6) PSIG (7) PSIG (7) PSIG (8) PSIG (8) PSIG (9) PSIG (9) PSIG (9) PSIG (10) PSIG	Max. Allo Press at Max. Indi Test Press at Max. Test Allo Max. Test Allo	wable Test Fest Point (4 cated sure (1) t Pressure evalion (4) Date	
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duration of Test Test Fluid Us Make, Rapge JACON Test Supervisi PUT SCHEM SHOW LOCA	te ion ied ion ion ion ion ion ion ion io	9:17 6:13 7-2 8 hr Hir- 0. of Pressure Rec 3000, 24 ed SKETCHON BAC	PT 29-11 5Am 56-11 5B Min ording Gauge 02A MS	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last (123 FT 200 FT 123 FT Ripe S Calibrated Me - 2011 Calibrated April 2011 A	Press. At Te Min. Indicate Test Pressu Min. Test Pr At Max. Flan pecification and like, Range, and St. Redacted VALVE NUMBER	d Test st Point d e e assure afion Footage Verifit Serial No. of D Serial No. of D	(1) PSIG PSIG (2) PSIG PSIG (3) PSIG (4) PSIG PSIG (5) PSIG (6) PSIG (7) PSIG PSIG (8) PSIG (8) PSIG (9) PSIG (9) PSIG (10) PS	Max. Allo Press at Max. Indi Test Press Max. Tes Allo Max. Tes Max. Tes Max. Tes	wable Test Fest Point (4 cated sure (5 1 Pressure continue (6	
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duration of Test Test Fluid Us Make, Rapge Test Supervis PUT SCHEM SHOW LOCA (SHOW REF	te ion ied ion ion ion ion ion ion ion io	9:17 6:13 7-2 8 hp Hir o, of Pressure Rec 3000, 24 ed SKETCHON BAC DILITY TESTED, M ABERS ON FACE	PT 29-11 5Am 56-11 5B Min ording Gauge 02A MS	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last (6-7- Date: Point Date	123 FT 200 FT 123 FT Ripe S Calibrated Me - 2011 Calibrated April 2011 A	Press. At Te Min. Indicate Test Pressu Min. Test Pr At Max. Flan pecification and like, Range, and St. Redacted VALVE NUMBER	d Test st Point d e e assure afion Footage Verifit Serial No. of D Serial No. of D	(1) PSIG PSIG (2) PSIG PSIG (3) PSIG (4) PSIG PSIG (5) PSIG (6) PSIG (7) PSIG PSIG (8) PSIG (8) PSIG (9) PSIG (9) PSIG (10) PS	Max. Allo Press at Max. Indi Test Press Max. Tes Allo Max. Tes Max. Tes Max. Tes	wable Test Fest Point (4 cated sure (5 1 Pressure continue (6	
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Us Make, Range SALAC Test Supervis PUT SCHEM SHOW LOCA (SHOW REF OF EACH AS NOTES:	te on sed was, and Serial Name sed By: Redact MATIC PIPING ATION OF FAC ERENCE NUM SSEMBLY TES	G: 13	PT 29-11 58-11 SB Wind ording Gauge 024-115 K OF THIS SHEE INIMUM AND MAX	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last (6-7) Date: 2 7-15 XIMUM ELEVATION IN FISH AND ATTACHMENTS	200 FI 12.3 FT Pipe S Calibrated Ma 2011 Calibrated Appendix Appen	Press. At Te Min. Indicate Test Pressu Min. Test Pr At May Elan pecification and I ke, Range, and S Redacted VALVE NUMBER PING, FABRICAT	d Test st Point d d ee asssure aften Footage Verifit C S P A D S GET AND INCO ED UNITS AN	(1) PSIG PSIG (2) PSIG PSIG (3) PSIG (3) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Press At Max. Tes At	wable Test Fest Point (4 cated sure (5 1 Pressure continue (6	
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratio of Test Test Fluid Us Make, Range SALAC Test Supervis PUT SCHEM SHOW LOCA (SHOW REFOOF EACH AS NOTES: (1) Add the "minimum.	te on a, and Serial N. sed By: Redact MATIC PIPING ATION OF FAC ERENCE NUM SSEMBLY TES a static head dum test pressur	9:17 6:13 7-3 8 hp Hill 0:07 8 hp Atill 0:07 8	PT-11 SAM- SB-Min ording Gauge DZA- H15 K OF THIS SHEE INIMUM AND MAX OF ALL DRAWING	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Min. Elevation in Test Section Date: Date Last (6-7-15) EXIMUM ELEVATION IN FEST AND ATTACHMENTS st point and maximum elevations.	200 FI 12.3 FT Pipe S Calibrated Ma 2011 Calibrated Appendix Appen	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu pecification and lake, Range, and Se Redacted VALVE NUMBER PING, FABRICAT DIS JOB	d Test st Point de e essure affon Footage Verific SPANS Serial No. of D SC - C ST	(1) PSIG PSIG (2) PSIG (2) PSIG (2) PSIG (3) PSIG (See Part I) (4) PSIG (See Part I) (5) PSIG (See Part I) (See Part	Max. Allol Press at Max. Indi Test Press Max. Test Press Max. Test Press Max. Test Press Max. Test Press A Ho (See Note 7) C G S. USE AN ADD ONS OF PIPE, AL NIZATION)	wable Test Fest Point (4 cated soure (5 fest Point (4 fest	1/SO PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Us Make, Rapge SHOW LOCA (SHOW REF OF EACH AS NOTES: (1) Add the "minimu. (2) Use low	te ion ied ion ied ion ion ion ion ion ion ion io	G: 13	PT-11 5Am 5C-11 5B Min ording Gauge 02A-115 KOF THIS SHEE INIMUM AND MA DF ALL DRAWING rence (between te vation" from PART v time during test.	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Min. Elevation in Test Section Date: Date Last (6-7-15) EXIMUM ELEVATION IN FEST AND ATTACHMENTS st point and maximum elevations.	200 FT Pipe S Calibrated Me -2011 CA -2	Press. At Te Min. Indicate Test Pressu Min. Test Pr At May Flau pecification and Redacted VALVE NUMBEF PING, FABRICAT DIS JOB GSM	d Test st Point d e eassure aften Footage Verifie Serial No. of D SC CES AND INCO ED UNITS AN TRIBUTION FILE (AT SPC &TS RESPON	(1) PSIG PSIG (2) PSIG PSIG (2) PSIG (3) PSIG (4) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allol Press at Max. Indi Test Pres at Max. Tes of Min El Max. Tes	wable Test Fest Point (4 cated soure (5 fest Point (4 fest	1/SO PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Us Make, Rapge Show Loca (SHOW REF OF EACH AS NOTES: (1) Add the "minimum (2) Use low (3) Subtrac minimum	te t	AFILE O. of Pressure Recompany BARE AFILE O. of Pressure Recompany BERS ON FACE OF TECHNOLOGY BERS ON FACE O	SB Ministration of the control of th	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Min. Elevation in Test Section Date Last (12.3 FT 2.00 FT 12.3 FT Pipe S Calibrated Mar Calibrated Apr Cali	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu pecification and of the Pressu Redacter VALVE NUMBER PING, FABRICAT DIS JOB GSN PRO	d Test st Point d e essure affon Tootage Verific E SPANS SAND INCO ED UNITS AN FRIBUTION FILE (AT SPO LET MANAGE LET MAN	(1) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (3) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Pres Max. Tes Max. Tes Max. Tes Max. Tes of Min. El CSee Note 7) CSee Note 7) CSEE AN ADD ONS OF PIPE, AL NIZATION) SUPERINTENDE	wable Test Fest Point (4 cated soure (5 fest Point (4 fest	1/SO PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duration of Test Test Fluid Us Make, Rapge SALAC Test Supervis PUT SCHEM SHOW LOCA (SHOW REF OF EACH AS NOTES: (1) Add the "minimum (2) Use low (3) Subtrac minimum (4) Subtrac "maximi	te	B NP Hil- O. of Pressure Reco B OCC 24 COLUMN TESTED, M ABERS ON FACE OF THE COLUMN TESTED, M ABERS ON FACE OF THE COLUMN TESTED. Let to elevation different at maximum elevation different test gauge at amule to elevation different test gauge at amule tes	PT-11 SAM- SC-11 SBMM ording Gauge DZA- HTS K OF THIS SHEE INIMUM AND MAD F ALL DRAWING rence (between te vation" from PART y time during test, arence (between te vation" from PART	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last 0 7-15 XIMUM ELEVATION IN F SS AND ATTACHMENTS st point and maximum elect point and maximum elect point and minimum elec	12.3 FT 2.00 FT 12.3 FT Pipe S Calibrated Mar Calibrated Apr Cali	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu pecification and of the Pressu Redacter VALVE NUMBER PING, FABRICAT DIS JOB GSN PRO	d Test st Point d e essure affon Tootage Verific E SPANS SAND INCO ED UNITS AN FRIBUTION FILE (AT SPO LET MANAGE LET MAN	(1) PSIG PSIG (2) PSIG PSIG (2) PSIG (3) PSIG (4) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Pres Max. Tes Max. Tes Max. Tes Max. Tes of Min. El CSee Note 7) CSee Note 7) CSEE AN ADD ONS OF PIPE, AL NIZATION) SUPERINTENDE	wable Test Fest Point (4 cated soure (5 fest Point (4 fest	1/SO PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG
Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duration of Test Test Fluid Us Make, Range SHOW LOCA (SHOW REF OF EACH AS NOTES: (1) Add the "minimu" (2) Use low (3) Subtrac minimum" (4) Subtrac "maximu" (5) Highest (6) Add sta	te t	B NR HILL O, of Pressure Reco BOTED The to elevation different test gauge at any ue to elevation different test gauge at any tire at minimum elevant gauge at any tire of elevation different elevation elevation different elevation eleva	PTOPOLOGICAL PROPERTY OF ALL DRAWING FALL DRAWING rence (between te vation" from PART in during test.	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Date Last 0 7-15 XIMUM ELEVATION IN F SS AND ATTACHMENTS st point and maximum elect point and maximum elect point and minimum elec	I 2 3 FT Zeo FT I 2 3 FT I 2 3 FT Ripe S Calibrated Me Zo (I Ab Ab Ab EET, MILE POINTS, Eevation) to levation) from evation) from	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu At Max Flau pecification and Redacted VALVE NUMBEF PING, FABRICAT JOB GSM PRO TEC	d Test st Point d e e essure afion Cotage Verific Serial No. of D Social No.	(1) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (3) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Pres Max. Tes Max. Tes Max. Tes Max. Tes Con Max. Tes	wable Test Fest Point (4 cated sure (5 1 Pressure continue (7 2 Date	
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratio of Test Test Fluid Us Make, Range SALAC Test Supervis PUT SCHEM SHOW LOCA (SHOW REF OF EACH A& NOTES: (1) Add the "Ininim. (2) Use low (3) Subtrac minimum. (4) Subtrac "maxim. (5) Highest (6) Add sta indicate (7) A dead	te on sed in in in in in in in in in i	B NP WHILL O. of Pressure Reco B CILITY TESTED, M ABERS ON FACE of STED. Le to elevation different Le to elevation differe	SB MAN Ording Gauge OZA-PIS KOPTHIS SHEE INIMUM AND MAX OF ALL DRAWING rence (between te vation" from PART of time during test, arence (between te vation" from PART ne during test, be (between test p en testing to a present testing to a present per testing to a present testing t	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Min. Elevation in Test Section Date Last 0 6-7- Date: 9-15 XIMUM ELEVATION IN FISH AND ATTACHMENTS ast point and maximum elevation in the control of the co	I 2 3 FT I 2	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu pecification and lake, Range, and se Redacted VALVE NUMBER PING, FABRICAT DIS GSM PRO TEC CAP	d Test st Point de e essure effon Footage Verific SPANI SEND INCOLED UNITS AND INCOLED UNITS RESPONDECT MANAGEMENTAL ACCOUNTAL ACCOUNT	(1) PSIG PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Pres Max. Tes AGO (See Note 7) O G AS. USE AN ADD ONS OF PIPE, AL NIZATION) SUPERINTENDE GINEER RVICES - ASSIG	wable Test Fest Point (4 cated sure (5 1 Pressure continue (7 2 Date	1/SO PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG
Time and Dal Test Pressure Reached Time and Dal Test Ended Actual Duratir of Test Test Fluid Us Make, Rapge SALAC Test Supervis PUT SCHEM SHOW LOCA (SHOW REF OF EACH AS NOTES: (1) Add the "minimu" (2) Use low (3) Subtrac minimum (4) Subtrac "maximi (5) Highest indicate (7) A dead	te on sed in in in in in in in in in i	B NP WHILL O. of Pressure Reco B CILITY TESTED, M ABERS ON FACE of STED. Le to elevation different Le to elevation differe	SB MAN Ording Gauge OZA-PIS KOPTHIS SHEE INIMUM AND MAX OF ALL DRAWING rence (between te vation" from PART of time during test, arence (between te vation" from PART ne during test, be (between test p en testing to a present testing to a present per testing to a present testing t	Elevation at Test Point Max. Elevation in Test Section Min. Elevation in Test Section Min. Elevation in Test Section Date: 3 72 Date: 3 7-15 XIMUM ELEVATION IN FEST AND ATTACHMENTS st point and maximum elevation in Test Section and minimum elevation in Test Section in Test Secti	I 2 3 FT I 2	Press. At Te Min. Indicate Test Pressu Min. Test Pressu Min. Test Pressu pecification and Redacter Provide Riv Provide Rin Provide Riv Provide Riv Provide Riv Provide Riv Provide Riv Pro	d Test st Point d e e assure affon Tootage Verific E SPANI Berial No. of D SO- I S AND INCO ED UNITS AN FRIBUTION FILE (AT SPO UNITS AND HICAL & CO TAL ACCOUNT ORDS SECTI	(1) PSIG PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (2) PSIG PSIG (3) PSIG PSIG PSIG PSIG PSIG PSIG PSIG PSIG	Max. Allo Press at Max. Indi Test Pres Max. Tes A Go See Note 7) Co G S. USE AN ADD DONS OF PIPE, AL NIZATION) SUPERINTENDE GINEER RVICES - ASSIG I'S COPY OF JOE S.	wable Test Fest Point (4 cated sure (5 1 Pressure continue (7 2 Date	J/SO PSIG J/Y9 PSIG J/Y9 PSIG J/Y9 ast Calibrated J9-20 11 E PECESSARY AILED SKETCH



Pacific Gas and Electric Company Gas Pipeline Facilities Strength Test Pressure Report

(For Pipeline Facilities Designed to Operate over 100 PSIG)

Sheet 4 of 4

		ATA (TO BE											
Feeder Main N		lumber, or Station	n Name A	krea -	Division/I			The state of the s	Job Nun	San		Date Job Authorize	S 1
Događatian at	L-30	OA Reference Drawi	na Nambara a	3		Sa	an Jos	9	4	4149731	3	6/24/	
TEST 3 -	Hydrostat	ically test tie	ig numbers, a -in piping	and existin	g 34" L-3(00a. Existinç	g pipeli	ne material listed	(ie. pipe,	elbows,	sleeves,	etc.) are from	ı "Material
								4.50", and 0.84" p	ipe (Field	I Additio	<u>n)</u>		
Hydrotest	L-300A fr	om MP 490.	66 – 493.5	59 San Jo	se, CA(Test Section	71)						
Location Class	; D	esign Factor (F)	MAOP	to be Establishe	d for this Pipir			Future Design Pressu	re				
3		.5				676	PSIG	<u> </u>					676 PSIG
STAT	IC HEAD DUI	ETO	Max. Elevatio	n <u>20</u> 1	0 Ft.	Static Head Cal	culation					200	
ELEVA	TION DIFFER	RENCE	Min. Elevation			For Water		0,433 >	(Elev. Diff. =	- Jacob consequence		34_ psi	G
(WHE	RE APPLICA	BLE)	Elev. Diff.	77	Ft.	Other (Specify)	4.5.		X Elev. Diff.			PSI	
Siz		Pipe Spe		STM Grade		Footage	to	Pipe Spec. and Footage Verified	At		% of SMYS At Min.	At Max.	Pressure to Give 90%
O.D.	W.T.	Long S		SAW, Seamles	s, Etc.)	Be Teste		In Field	MAC		Test Press.	Test Press.	SMYS
1.05"	0.154"	API 5L, G	R.B SMLS	3 (Iten	1 16)	2'	1	Nog.	6.5	В	9.88	11.20	9240
34.00"	0.500"	Ell, Forge				5 Ea.		10 R	35.3	6	53.04	60.15	1721
34.00"	0.380"	Ell, Forge	d, LR, Y-6	30 (Iter	n 9)	4 Ea.	1.5	NO P	50.4		75.61	85.75	1207
34.00"	0.500"	Ell, Forge			n 10)	5 Ea.		106	44.2		66.30	75.19	1376
34.00"	0.406"			,000 SMYS				WOR_	56.6		84.92	96.31	1075
34.00"	0.375"	Sleeve, 60			m 21)	2 Ea.		<u> 404-</u>	51.0		76.61	86.89	1191
34.00"	0.500"	Sleeve, 50			m 22)	1 Ea.	- 4	NOR	45.9		68.95	78.20	1324
34.00"	0.438"	Sleeve, 6			m 23)	2 Ea.		<u>wel</u>	43.7		65.59	74.39	1391
0.840"	0.147"	API 5L, G			7.0	21'		<u> </u>	5.5		8.28	9.39	11025
3-(/2.5	0.322"	APIZI	- COLL 1) , DML	S itea	314	10 F	F (LEB KENMY	PARE J. Z.	2.00 /	39,50	10.01	2-362
Minimum Te	est Pressure	@ Max. Elevat	ion		1014	PSIG	Test F		M TEST D				8 HOURS
							WAT		S & OVER (8	HRS. MININ	IUM)	L	
		@ Min. Elevat			1150	PSIG	WAT	- PREINS	S & OVER (8 TALLATION 1	HRS, MININ FEST (SEE	IUM)	T 'A', GAS STD. /	
Maximum To	1	@ Min. Elevat		Date: 6/24/2011	T E		WAT	- PREINS	S & OVER (8 TALLATION 1	HRS. MININ	IUM)		1-34) Date: 5 - 25 - 11
Redacted	<u> </u>	@ Min. Elevat		6/24/2011		PSIG or Information or Redacted	WAT	- PREINS	S & OVER (8 TALLATION T Appro	HRS. MININ TEST (SEE oved By: ovessure an	ATTACHMEN		Date: 5 - 25 - 11
Redacted	d ST DATA (TO	BE PREPARED	BY PERSON :	6/24/2011		PSIG or Information or Redacted	Changes.	- PREINS' Call: Note: M	S & OVER (8 TALLATION 1 Approximation 1 Inimum test provides the service of th	HRS. MINIM TEST (SEE oved By: oressure an en approval	ATTACHMEN	not to be changed	Date: 5-25-11
PART II - TES Time and Dat Test Pressure	d ST DATA (TO	BE PREPARED	BY PERSON!	6/24/2011 SUPERVISING	TEST AT TIM	PSIG or information or Redacted RE OF TEST)	WAT	- PREINS' Call: Note: M Min. Required Test	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE oved By: pressure an en approval	ATTACHMEN d duration are Max. Allos	not to be changed	Date: 5-25-11
PART II - TES Time and Dat Test Pressure Reached Time and Dat	DET DATA (TO	BE PREPARED	BY PERSONS I PIM Z-1-Z-1 SAM	6/24/2011 SUPERVISING Elevi Point Max.	TEST AT TIMe	PSIG or information or Redacted IE OF TEST)	WAT	- PREINS' Call: Note: M Min. Required Test Press, At Test Point Min. Indicated	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE oved By: oressure an en approval O 47 PSIG O 66	d duration are Max. Allow Press at 1 Max. Indic	not to be changed wable Test est Point (4	Date: 1/50 PSIG
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended	d TO ATA (TO	BE PREPARED	1 PM 29-21 30-2	6/24/2011 SUPERVISING OIL Elevi Point Max. Test	TEST AT TIMe ation at Test Elevation in Section	PSIG For information or Redacted SE OF TEST) FI FI FF	Changes.	- PREINS Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE wed By: pressure an en approval 0 47 PSIG PSIG	d duration are Max. Allow Press at 1 Max. Indic Test Pres	not to be changed wable Test est Point (2 cated sure (5	Date: 3-25-11 1//50 PSIG 1//49 PSIG
PART II - TES Time and Dat Test Pressure Reached Time and Dat	d TO ATA (TO	BE PREPARED	BY PERSONS I PIM Z-1-Z-1 SAM	6/24/2011 SUPERVISING OU Elev. Point Max. Test Min.	TEST AT TIMe	PSIG or information or Redacted SE OF TEST) 1 2 FT 1 2 FT 1 2 FT	Changes.	- PREINS: Call: Note: M Min. Required Test Press, At Test Point Min. Indicated Test Pressure Min. Test Pressure at Max. Elevation	S & OVER (8 FALLATION TO Application of the control	HRS. MINIM TEST (SEE EVED BY: STRESSURE AN PSIG PSIG PSIG PSIG PSIG	d duration are Max. Allow Press at 1 Max. Indic Test Pres	not to be changed vable Test est Point (4 cated sure (5)	Date: B-25-11 1/50 PSIG 1/49 PSIG 1/49
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic	d Total (TO	BE PREPARED	1 PM 29-21 30-2	6/24/2011 SUPERVISING OU Elev. Point Max. Test Min.	TEST AT TIMe attorn at Test to Elevation in Section	PSIG or information or Redacted SE OF TEST) 1 2 FT 1 2 FT 1 2 FT	Changes.	- PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure Min. Test Pressure	S & OVER (8 FALLATION TO Application of the control	HRS. MINIM TEST (SEE EVED BY: STRESSURE AN PSIG PSIG PSIG PSIG PSIG	d duration are Max. Allov Press at 1 Max. Indic Test Pres Max. Test	not to be changed vable Test est Point (4 cated sure (5)	Date: 1/50 PSIG 1/1/9 1/1/9
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Use	eed WA	BE PREPARED 9:1 7- 6:1 7- 6:1 7- HA	PPM Z9-Z1 SAM 30-Z	6/24/2011 SUPERVISING OIL Elevi Point Max. Test Min. Test	TEST AT TIM ation at Test Elevation in Section Elevation in	PSIG For information or Redacted IF OF TEST) I 2 FT I 2 FT I 2 FT I Calibrated	WAT Changes. 3 Pipe Spec	- PREINS' Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure Min. Test Pressure at Max. Elevation iffication and Footage Ve	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE OVER BY: OVERSURE AN PEND OF THE BY OVER BY OVERBY OVER BY OVER BY OVER BY OVER BY OVER BY OVER BY OVER BY	d duration are Max. Allos Press at 1 Max. Indic Test Pres Max. Test at Min. Ele	not to be changed wable Test est Point (4 cated sure (5 Pressure evalion (6	Date: 3-25-11 1/50 PSIG PSIG 1/49 PSIG 1/49 PSIG Last Calibrated
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Use Make, Range	e e WA, and Serial N	BE PREPARED	PPM 24-21-30-30-2	6/24/2011 SUPERVISING OIL Elevi Point Max. Test Test	TEST AT TIMe attorn at Test Elevation in Section Elevation in Section Date Last	PSIG or information or Redacted SE OF TEST) I 2 FI I 2 FI I 5 FI	WAT Changes. S Make, CAA	- PREINS' Call: Note: M Min. Required Test Press, At Test Point Min. Indicated Test Pressure At Max. Elevation ification and Footage Ve	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE OVER BY: OVERSURE AN PEND OF THE BY OVER BY OVERBY OVER BY OVER BY OVER BY OVER BY OVER BY OVER BY OVER BY	d duration are Max. Allos Press at 1 Max. Indic Test Pres Max. Test at Min. Ele	not to be changed vable Test est Point (4 cated sure (5 Pressure evation (6	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range	e DATA (TO	BE PREPARED 9:1 7- 6:1 7- 4## +EC o. of Pressure Re	PPM 24-21-30-30-2	6/24/2011 SUPERVISING OIL Elevi Point Test Fig. 72	TEST AT TIM ation at Test Elevation in Section Elevation in Section Date Last	PSIG or information or Redacted SE OF TEST) 1 2 FT 2 FT 1 2 FT 1 Calibrated 2 7011	WAT Changes. 3 Pipe Spec	- PREINS' Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure Min. Test Pressure at Max. Elevation iffication and Footage Ve	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE EVED BY: DYESSURE AN EVED BY: PSIG PSIG PSIG PSIG A 3 3 PSIG art I)	d duration are Max. Allos Press at 1 Max. Indic Test Pres Max. Test at Min. Ele	not to be changed wable Test est Point (4 cated sure (5 Pressure evation (6	Date: 3-25-11 1/50 PSIG 1/49 PSIG PSIG
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratio of Test Test Fluid Use Make, Range BACLO Test Supervis PUT SCHEM	ee on ed WA , and Serial Ni V C-3 ied By: Redacte ATIC PIPING	BE PREPARED 9:1 7- 6:1 7- 7- 8:1 8:1 8:1 8:1 8:1 8:1 8:1 8:	PPM 24-21 SAM 30-7 HER 8h	6/24/2011 SUPERVISING OIL Elevi Point COLL Test Fig. Min. Test Coll Test	TEST AT TIMe attorn at Test the Elevation in Section Elevation in Section Date Last 6-7 Date:	PSIG For Information or Redacted SE OF TEST) 12 FT 1	Changes. Changes. Make, Approv	- PREINS Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure Min. Test Pressure at Max. Elevation ification and Footage Ve	S & OVER (8 FALLATION 1 Approximation 1 Approximation 1 (1) (2) (3) Fiffed (See Parallel Control of the control	HRS. MINIM TEST (SEE EVED BY: PRESSURE and approval OUT PSIG OGG PSIG OGG A 3 3 PSIG AT 1) It Tester (Se	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ei ae Note 7)	not to be changed wable Test est Point (4 cated sure (5 Pressure evation (6 Date S Date	Date: 3 - 25 - 11 1
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range PACHO Test Supervis PUT SCHEM SHOW LOCA	e e e e e e e e e e e e e e e e e e e	BE PREPARED 9:1 7- 6:1 7- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	BY PERSON S I PM Z4-24 SAM 30-7 HER 8A cording Gauge A-1755 MINIMUM AN	6/24/2011 SUPERVISING OU Elev. Point Max. Test Fee 72 SHEET D MAXIMUM E	TEST AT TIM ation at Test Elevation in Section Elevation in Section Date Last 6-7 Date: 9-15-2	PSIG For information or Redacted ME OF TEST) I Z FI I Z	Changes. Changes. Make, CAA	- PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation iffication and Footage Ve And	S & OVER (8 FALLATION T Approximation of the control of the contro	HRS. MINIM TEST (SEE EVERY BY: PERSON OF THE PRINT PSIG OGG PSIG OGG PSIG OTT TESTER (SEE OGG OGG OGG OGG OGG OGG OGG	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele ee Note 7) USE AN ADD	not to be changed vable Test est Point (2 cated sure (5 Pressure evation (6 Date S Dat 9-15	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range PAC+O Test Supervis PUT SCHEM SHOW LOCA (SHOW REFI OF EACH AS	e e e e e e e e e e e e e e e e e e e	BE PREPARED 9:17 7:17 4:17	BY PERSON S I PM Z4-24 SAM 30-7 HER 8A cording Gauge A-1755 MINIMUM AN	6/24/2011 SUPERVISING OU Elev. Point Max. Test Fee 72 SHEET D MAXIMUM E	TEST AT TIM ation at Test Elevation in Section Elevation in Section Date Last 6-7 Date: 9-15-2	PSIG For information or Redacted ME OF TEST) I Z FI I Z	Changes. Changes. Make, CAA	- PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure At Max. Elevation ification and Footage Ve A Company of the Company Range, and Serial No. of Redacted VE NUMBERS AND INC. FABRICATED UNITS	S & OVER (8 FALLATION T Approx Inimum test p without writte (1) (2) (3) Corporate AND SHORT	HRS. MINIM TEST (SEE EVERY BY: PERSON OF THE PRINT PSIG OGG PSIG OGG PSIG OTT TESTER (SEE OGG OGG OGG OGG OGG OGG OGG	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele ee Note 7) USE AN ADD	not to be changed vable Test est Point (2 cated sure (5 Pressure evation (6 Date S Dat 9-15	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range PART II - TES Make,	e on ed WA and Serial N C 30 Redacte ATIC PIPING ERENCE NUM SEMBLY TES	BE PREPARED 9:17 7:17 4:17	BY PERSON S I PM Z-1- Z-1 S-A 30 - Z HER 8A cording Gauge A-1755 CK OF THIS S MINIMUM ANA OF ALL DRA	6/24/2011 SUPERVISING OIL Elev. Point Test Coll Test Col	TEST AT TIMe ation at Test to the section in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT	PSIG For information or Redacted SE OF TEST) I Z FI I Z	Changes. Changes. Make, CAA	- PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation iffication and Footage Ve And	S & OVER (8 FALLATION T Approximation test p without writte (1) (2) (3) Filled (See Pa CORPORATE AND SHORT	HRS. MINIM TEST (SEE EVEN BY: DYCESSURE AN PSIG O 66 PSIG O 33 PSIG AT 1) AT TESTER (SEE O AREAS. SECTIONS	d duration are Max. Alloy Press at 1 Max. Indic Test Pres Max. Test at Min. Eli De Note 7) USE AN ADD S OF PIPE, AL	not to be changed vable Test est Point (2 cated sure (5 Pressure evation (6 Date S Dat 9-15	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Pressure Reached Actual Duratio of Test Test Fluid Use Make, Range PART II - TES Mak	ed WA , and Serial N Redacte ATIC PIPING ATIC PIPIN	BE PREPARED 9:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 7- 7- 7- 7- 7- 8- 8- 8- 9- 9- 9- 9- 9- 9- 9	BY PERSON S I PM 2-1-2-3 SAM 30-2 HER SA cording Gauge A-1755 MINIMUM ANI OF ALL DRA ference (belw) evation' from	6/24/2011 SUPERVISING OIL Elevi Point Test B T2 SHEET D MAXIMUM EI WINGS AND A PART I.	TEST AT TIMe ation at Test to the section in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT	PSIG For information or Redacted SE OF TEST) I Z FI I Z	Changes. Changes. Make, CAA	- PREINS Call: Min. Required Test Press. At Test Point Min. Indicated Test Pressure At Max. Elevation iffication and Footage Ve Ange, and Serial No. of Redacted VE NUMBERS AND INC. FABRICATED UNITS DISTRIBUTIO JOB FILE (AT SE	S & OVER (8 FALLATION 1 Approximation 1 Approx	HRS. MINIM TEST (SEE EVED BY: PRESSURE and approval OUT PSIG OGG PSIG OGG ATI) It Tester (Se It OGG ORGANIZ ORGANIZ	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ei ae Note 7) USE AN ADD S OF PIPE, AL ATION)	not to be changed wable Test est Point (2 cated sure (5 Pressure evation (6 Date S Date S ITIONAL SHEET I SO SHOW A DET.	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range PACHO Test Supervis PUT SCHEM SHOW LOCA (SHOW REFI OF EACH AS NOTES: (1) Add the "minimu" (2) Use low (3) Subtract	e e e e e e e e e e e e e e e e e e e	BE PREPARED 9:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 7- 8:1 8:1 8:1 8:1 8:1 8:1 8:1 8:	BY PERSON S I PM Z-1-Z-1 S-A S-A S-A COPTHIS 3 MINIMUM AN OF ALL DRA ference (below evalion" from I ny time during	6/24/2011 SUPERVISING CIL Elev. Point Max. Test CIL Test B AMAXIMUM E. WINGS AND A PART I. test.	TEST AT TIMe attorn at Test to the Elevation in Section Elevation in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT	PSIG For information or Redacted ME OF TEST) I Z FI I Z	Changes. Changes. Make, CAA	PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation ification and Footage Ve Angle, and Serial No. of Redacted VE NUMBERS AND INC. 5, FABRICATED UNITS DISTRIBUTIO JOB FILE (AT SE	S & OVER (8 FALLATION TO Approximate the control of	HRS. MINIM TEST (SEE EVERY BY: VESSURE an en approval OUT PSIG OGG PSIG OT OT Tester (Se OT OT OT OT OT OT OT OT OT O	Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele	not to be changed wable Test est Point (2 cated sure (5 Pressure evation (6 Date S Date S ITIONAL SHEET I SO SHOW A DET.	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Pressure Reached Actual Duratio of Test Test Fluid Use Make, Range PART II - TES Make,	ee Don ed WA , and Serial N WA , and Serial N Redacte ATIC PIPING ITION OF FACE ERENCE NUM SSEMBLY TES static head du int test pressure of t static head du inticated test static head du inticated test static head du	BE PREPARED 9:17	BY PERSON S I PM 2-1-2 SAM 2-7-2 HEC 8h cording Gauge A-1755 MINIMUM ANI OF ALL DRA ference (between the development of the development) from any time during freence (between the development) freence (between the development)	6/24/2011 SUPERVISING OIL Elevi Point Max. Test Test B 72 SHEET D MAXIMUM Elevi WINGS AND A even test point at part I, test reen test point at a part I.	TEST AT TIMe ation at Test the section in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT and maximum earling and maximum at the section in Sec	PSIG For information or Redacted SE OF TEST) I Z FI I SECOND IN TEST IN	Changes. Changes. Make, CAA	- PREINS Call: Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation ification and Footage Ve	S & OVER (8 FALLATION 1 Approximation 1 Approximation 1 (1) (2) (3) (3) Fiffed (See Partified (S	HRS. MINIM TEST (SEE EVER BY: PRESSURE and approval OUT PSIG OGG PSIG OGG A 3 3 PSIG TEST (SE TEST	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele Be Note 7) USE AN ADD B OF PIPE, AL ATION) PERINTENDE	not to be changed wable Test est Point (4 cated sure (5 Pressure evation (6 Date S- Dat 9-13 ITIONAL SHEET I SO SHOW A DET.	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Pressure Reached Actual Duratio of Test Test Fluid Use Make, Range PACTON Test Supervis PUT SCHEM SHOW LOCA (SHOW REFI OF EACH AS NOTES: (1) Add the Use low (3) Subtract minimum (4) Subtract "maximum" (4) Subtract "maximum"	e e e e e e e e e e e e e e e e e e e	BE PREPARED 9:17 17- 17- 17- 17- 17- 17- 17-	BY PERSON S I PM 24-24 SAM 20-7 BEC 8A coording Gauge A-1755 MINIMUM AN OF ALL DRA ference (betweevation" from 1 ny time during fference (betweevation" from 1 ference (betweevation" from 1 ference (betweevation" from 1	6/24/2011 SUPERVISING CIL Elev. Point Max. Test CIL Test B AMAXIMUM E. WINGS AND A PART I. test. reen test point a reen test point a reen test point a	TEST AT TIMe ation at Test the section in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT and maximum earling and maximum at the section in Sec	PSIG For information or Redacted SE OF TEST) I Z FI I SECOND IN TEST IN	Changes. Changes. Make, CAA	PREINS: Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation ification and Footage Ve Angle, and Serial No. of Redacted VE NUMBERS AND INC. 5, FABRICATED UNITS DISTRIBUTIO JOB FILE (AT SE	S & OVER (8 FALLATION 1 Approximation 1 Approximation 1 (1) (2) (3) (3) Fiffed (See Partified (S	HRS. MINIM TEST (SEE EVER BY: PRESSURE and approval OUT PSIG OGG PSIG OGG A 3 3 PSIG TEST (SE TEST	d duration are Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele Be Note 7) USE AN ADD B OF PIPE, AL ATION) PERINTENDE	not to be changed wable Test est Point (4 cated sure (5 Pressure evation (6 Date S- Dat 9-13 ITIONAL SHEET I SO SHOW A DET.	Date:
PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Ended Actual Duratic of Test Test Fluid Use Make, Range PAC+O Test Supervis PUT SCHEM SHOW LOCA (SHOW REFI OF EACH AS NOTES: (1) Add the "minimur (2) Use low (3) Subtrac "maximum (4) Subtrac "maximum (5) Highest (6) Add star	e e e e e e e e e e e e e e e e e e e	BE PREPARED 9:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 6:1 7- 8:1 8:1 8:1 8:1 8:1 8:1 8:1 8:	BY PERSON S I PM 2/1-2/ 5/A 2/1-	6/24/2011 SUPERVISING OIL Elev. Point Max. Test Min. Test B MAXIMUM Elev. WINGS AND A PART I. I test. I t	TEST AT TIMe ation at Test to the section in Section Elevation in Section Date Last 6-7 Date: 9-15-9 LEVATION IN TTACHMENT and maximum at maximum at the section in Section i	PSIG For information or Redacted SE OF TEST) I Z FI I SECOND IN TEST IN	Changes. Changes. Significant of the change of the chang	- PREINS Call: Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation ification and Footage Ve	S & OVER (8 FALLATION TO Application of the control	HRS. MINIM TEST (SEE EVERY BY: VESSURE AN en approval OUT PSIG OGG PSIG OAB OAB OAB OAB OAB OAB OAB OA	Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele ee Note 7) USE AN ADD S OF PIPE, AL ATION) PERINTENDE LIEER CES - ASSIGN	not to be changed vable Test est Point (2 cated sure (5 Pressure evation (6 S- Dat 9-13 ITIONAL SHEET I SO SHOW A DET.	Date:
Redacted PART II - TES Time and Dat Test Pressure Reached Time and Dat Test Pressure Reached Actual Duratio of Test Test Fluid Use Make, Range PART II - TES Make, Range PART II	e e e e e e e e e e e e e e e e e e e	BE PREPARED 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BY PERSON S I PM Z-1-Z-1 SAM Z-1-Z-1 SAM Cording Gauge A-1755 CK OF THIS 3 MINIMUM ANI OF ALL DRA ference (belweveration" from iny time during ference (between time during testince (between then testing to	6/24/2011 SUPERVISING CIL Elev. Point Max. Test Test B Min. Test D MAXIMUM Elev. WINGS AND A een test point at PART I. I test. I test point at PART I. I test point and in a pressure while	TEST AT TIMe ation at Test Elevation in Section Date Last 6-7 Date: 9-15-2 LEVATION IN TTACHMENT and maximum and minimum at the produces a strip produces a	PSIG For Information or Redacted ME OF TEST) I Z FI I Z	WAT Changes. S Pipe Spec Make, Approv NTS, VAL N PIPING	PREINS Call: Note: M Min. Required Test Press. At Test Point Min. Indicated Test Pressure at Max. Elevation ification and Footage Ve And And And Andrew Redacted VE NUMBERS AND INC. FABRICATED UNITS DISTRIBUTIO JOB FILE (AT SE GSM&TS RESPO	S & OVER (8 FALLATION 1	HRS. MINIM TEST (SEE INVERT SEE INVERT S	Max. Allov Press at T Max. Indic Test Pres Max. Test at Min. Ele ee Note 7) USE AN ADD S OF PIPE, AL ATION) PERINTENDE LIEER CES - ASSIGN	not to be changed vable Test est Point (2 cated sure (5 Pressure evation (6 S- Dat 9-13 ITIONAL SHEET I SO SHOW A DET.	Date: