

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_ of_

PART I - D	ESIGN	DATA (TO BE I	PREPARED BY PR	ROJECT ENGINEE	R)		en e								
Feeder Main Number, Line Number, or Station Name Area Division/District									b Number		Date Job Authorized				
L-300B Topock						Kern 41617					909-2 2-16-12				
Test 2 – S Sheet 5). I	egment Hydrosta	A-B - Test extically test 34"	tie-in piping, te	& MLV-0.13 as est piping and e	existing 34"	L-300	3.		e "Ma	terial of Re	cord" (refe	r to DWG 4	11617	909,	
L-300B fro	m MP 0.	1294 – 0.154	3 Segment A	Needles,	CA (Test se	ction 122-	·12)							
Location Class		Design Factor (F)	ng by this Test 700	PSIC	3	Future Design Pressure					700 PSIG				
STAT	IC HEAD DL	IETO I	Max. Elevation	513 Ft.	Static Head (Calculation						***************************************			
ELEVA	TION DIFFE	RENCE	Min. Elevation	498 Ft.	For Water			0.433	X Elev. [)iff =		6.5	PSIG		
	RE APPLICA		Elev. Diff.	0 Ft.	Other (Specif	īvī.			X Elev.	The second second			PSIG		
	The fit Let wil	Pipe Spec			- Cinor (Opcon	"	Pipe Sp	ec, and	7 2104.	VIII.	% of SMYS			Pressure to	
Size O.D.	W.T.	Long Se	API or ASTM Gra am (ERW, DSAW, S		Footag Be Te		Footage Verified In Fleid			At MAOP	At Min. Test Press.	At Max. Test Press		Give 90% SMYS	
34.00					140	140'		And the second s		45.77	68.65 71.		+	1376	
34.00	.500		5L, GR Y52	2 Ea.					45.77	68.65 71.9			1376		
34.00	.505		X60, DSAW	23'					39.27	58.91	61.72	61.72			
34.00	.505	Cap, API 5	L, GR Y60	2 Ea.					39.27	58.91	61.72				
34.00	.505	Valve, Ball	ANSI 300	1 Ea.					*	*			=		
34.00	.505	Flange, W	eldneck, RF A	2 E	a.				•		, mg.				
											Service Const			S. C	
							: 								
			· · · · · · · · · · · · · · · · · · ·				1								
					X :		-								
		<u> </u>				Toet	Fluid	INJUNIO	IMTE	T DURATION	DNI .				
Minimum Te	st Pressure	@ Max. Elevation	n .	1050	PSIG	100 100 100 100 100 100 100 100 100 100	Used	- UNDER	30% SM	YS (1 HR. MIN	MUM)		8	HOURS	
				1100		W	iter	5.32		R (8 HRS, MINI	The state of the state of				
Redacted	st Pressur	e @ Min. Elevatio)n		PSIG or Information of	or Change	s, Call	- PREINO		ON LEST (SEL Applipved By:	ATTAGRINEN	IT 'A', GAS ST) Date:	
reducted					Aark Cabra			į, si			200al	nel	2/	16/12	
PART II - TES	T ĐẤTA (TO	BE PREPARED B	Y PERSON SUPERV	ISING TEST AT TIM	E OF TEST)					lest pressure ar written approva		not to be chan	jed		
Time and Date				Flamatian at Toni			Min. Require	od Tool			May Allai	wable Test			
Test Pressure Reached			· .	Elevation at Test Point		FT		Press. At Test Point		PSIG	The second secon	rest Point	(4)	PSIG	
Time and Date Test Ended			:	Max. Elevation in Test Section		FT		Min, Indicated Test Pressure		PSIG	Max. India Test Pres				
Actual Duration	î .	maria in sultana terapida Distribution		Min, Elevation in			Min. Test Pressure				Max. Test	t Pressure			
of Test. Test Fluid Used				Test Section	FT Ding Cop		at Max. Elevation cification and Footage Ver		(3)	PSIG	at Min. Elevation		(6)	PSIG	
restrium use						ripe ape	GINGANON AND	routage ve	inieu (oi	se raiti)					
Make, Range, and Serial No. of Pressure Recording Gauge Date Last Ca						ibrated Make, Range, and Serial No. of Dead Weight Tester (See Note 7)						٥	Date Last Calibrated		
Test Supervise	ed By:			Approved By: Date:											
SHOW LOCAT	TION OF FAI	SKETCH ON BAC CILITY TESTED, M	INIMUM AND MAXIN	NUM ELEVATION IN	FEET, MILE PO	OINTS, VA	LVE NUMBEI	RS AND INC	ORPOR	ATED AREAS.	USE AN ADD	ITIONAL SHEF	T IF NE	CESSARY	
(SHOW REFEI OF EACH ASS	RENCE NUI	MBERS ON FACE (OF ALL DRAWINGS	AND ATTACHMENT	S). FOR STATI	ON PIPIN	G, FABRICAT	ED UNITS /	AND SH	ORT SECTION	S OF PIPE, AL	SO SHOW A D	ETAILE	D SKETCH	
NOTES:			rence (between test r	ooint and maximum e	levation) to			TRIBUTIO		RING ORGANIZ	ATIONI	ens.			
mlnimun"	n test pressu	re at maximum elev on test gauge at an	ration* from PART I.	A CONTRACTOR OF STREET AND A STREET AND A STREET AS STREET AS STREET AS STREET AS STREET AS STREET AS STREET A	and the state of t						***************************************	MT			
(3) Subtract:	GSM&TS RESPONSIBLE DISTRICT SUPERINTENDENT														
	st pressure. lue to elevation diffe	PROJECT MANAGER/PROJECT ENGINEER													
"maximur	n test pressi		ation" from PART I.		TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY										
(6) Add station	m -	CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB)													
indicated test pressure. (7) A dead weight tester is only required when testing to a pressure which produces a stress level of 90% RECORDS SECTION (WC), GMS&TS															
of SMYS or greater. However, if a dead weight tester is used on any test, enter the information in the space provided above. REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLA											RING & PLAN	NING			
															



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

Sheet ___1

		DATA (TO BE		ED BY PROJI									* * * * * * * * * * * * * * * * * * *	-			
Feeder Main Number, Line Number, or Station Name Area Division/Div						Timber to the second of the se				Job	Number	Date Job Authorized					
L-300B Topock Description of Job – Include Reference Drawing Numbers, and Pipeline Mil												17909-1 2-16-12					
Description of Test 1 — C	Job – Includ Cut –caps	e Reference Draw to facilitate	ving Number hydrotes	s, and Pipeline It (See Dwo	Mileposts 41617909), SHT 4).	Two as	semblies p	er Deta	il 4 attac	hed here	to, to be fa	bricated & to	ested			
Hydrotest	L-300B	from MP 0.1	294 – 0.	1549 Seg r	nent A-B N	leedles, C	SA .	(Test sec	tion 122	-12)	Sec. 1			***************************************			
Location Class		Design Factor (F)	MAC	P to be Establis			st 00 PSI	The second second	esign Pres	sure				700	PSIG		
	IC HEAD DU		Max. Eleva		VA Ft.	Static Hea	d Calculatio	n.	0,433	I X Elev. Dil	f.=		0 ps	SIG			
ELEVATION DIFFERENCE Min. Elevation N/A Ft. (WHERE APPLICABLE) Elev. Diff. N/A Ft.							ecify)			X Elev. D	War Carrier		PSIG				
	July 1 Line		ecification				<u> </u>	Pipe Sp	oec, and		···	% of SMYS			ressure to		
	Size API or ASTM										and the second of the second of the second		At Min. At Max. Test Press. Test Press.		Give 90% SMYS		
0.D.	W.T.	Long Seam (ERW, DSAW, Seamless, Etc			iess, Elc.)			In Field		39.27							
34.00	.505 .505	API 5L, GR X-60, DSAW			13' 2 Ea.					9.27	58.91 61.72 58.91 61.72		1604 1604				
34.00 34.00	.500	CAPS, GR Y-60 API 5L, GR X-65, DSAW					4 4 4					54.92		57.54 172			
34.00	.500	AFI JL, C	n ^•0J,	DOAW					and the second	36.62		J4.J2	31.34		1/21		
							<u> </u>						+				
					A CONTRACTOR OF THE PARTY OF TH									+			
			***************************************						area for the consum				and the same of the same and th	+			
	(A)	1					Tes	t Fluid	MINIM	UM TES	T DURATIO)N					
Minimum Te	st Pressure	@ Max. Eleva	ıtion		1050	PSIG	To E	le Used	- UNDER	R 30% SMY	S (1 HR. MINI	MUM)		4	HOURS		
()		o some medica	et a la		1100	PSIG	W	ATER	11 2000 000		R (8 HRS. MINII	14 14 14	T 'A', GAS STD.	A DAY			
Redacted	est Pressur	e @ Min. Eleva	mon _			For Informatio	n or Chang	es, Call:	~ F 134_106		proved By:				ite;		
						Mark Cab	ral (925) 588-3640)		mark	1 7 Cel	Cel :	2/16	/12		
PART II - TES	T DATA (T) BE PREPARED	BY PERSO	N SUPERVISIN	IG TEST AT TIN	VE OF TEST)	6		Note:		st pressure ar ritten approva		not to be change	d	S N		
Time and Date Test Pressure		Elevation Point		evation at Test	n at Test		Min. Required					lowable Test I Test Point (4)		PSIG			
Reached Time and Date Test Ended				М	ax, Elevation in est Section		Fi		Min. Indicated Test Pressure		PSIG PSIG	Max. Indic	ated	(5)	PSIG		
The same of the sa		The state of the		S. S				Min. Test Pressure		(2) PSIG			The second secon				
Actual Duration Min. Elevation in of Test Test Fluid Used. Actual Duration Min. Elevation in Test Section							Min. Test Pressure							(6) PSIG			
Make, Range, and Serial No. of Pressure Recording Gauge Date						t Calibrated	Mai	ake, Range, and Serial No. of Dead			eight Tester (S	Date Last Calibr		Calibrated			
Test Supervised By:					Date:	Approved By:							Date				
SHOW LOCA (SHOW REFE OF EACH AS	TION OF FA RENCE NU	SKETCH ON BA CILITY TESTED, MBERS ON FAC STED.	MINIMUM A	MUMIXAM DNA	ELEVATION IN ATTACHMENT	I FEET, MILE (S). FOR ST	POINTS, V ATION PIPI	NG, FABRICA	TED UNITS	S AND SHO	ITED AREAS. RT SECTION	USE AN ADD S OF PIPE, AL	ITIONAL SHEET SO SHOW A DE	IF NEC	ESSARY SKETCH		
		lue to elevation di ure at maximum e			and maximum	elevation) to			TRIBUTION OF THE PROPERTY OF T		ng organiz	ATION)					
(2) Use lowe	est pressure	on test gauge at	any time dur	ing test.		Linear New		GSI	V&TS RESI	PONSIBLE	DISTRICT SU	PERINTENDE	NT				
(3) Subtract static head due to elevation difference (between test point and maximum elevation) from minimum indicated test pressure.									PROJECT MANAGER/PROJECT ENGINEER								
(4) Subtract static head due to elevation difference (between test point and minimum elevation) from "maximum test pressure at minimum elevation" from PART I.									TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY								
(5) Highest (6) Add stat	pressure on ic head due	test gauge at any to elevation differ	time during	test.	t minimum elev	ation) to maxi	mum	CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB)									
	I test pressu veight tester	re is only required v	vhen testino	to a pressure w	hich produces a	of 90%	RECORDS SECTION (WC), GMS&TS										
of SMYS	or greater.	However, if a dea				REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING											
space pr	ovided abov	6.						r(E)	UNITAIL	UNCO UNU	EN IEST IO	UMO ENGINEE	NING & PLANN	140			