

## 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	_1	of	2	
PART I - DESIGN DATA (TO BE PREPARED BY PROJECT ENGINEER)															
Feeder Main Number, Line Number, or Station Name Area Divis						Division/District						Date Job Authorized			
L-300A						Ker	41535680			September 18, 2011					
Description of Jol Test 2 – Tie	-in piece	Reference Drav es, hydrosta (rofer to D	atic test pipi	ng and existing 34	" L-:	300A. Existing	i pipeline m	aterial list	ted; ie. pi	pe, el	bows, sleev	res, are f	rom th	10	
Hydrotest L	-300A 1	from MP 28	8.9604 – 2	01.4411 Bakersfiel	d, C	A (Test	section 115	5)		OWI	raives with	04 pip	<u>o,</u>		
* 		<b>6</b> 1 175	Lucos	1				4 12							
2 .6			MAOP to	be Established for this Pij	ping c	757 PSI	757 PSIG								
STATIC HEAD DUE TO Max. Elevation				<u>321</u> Ft.	S	tatic Head Calculatic									
ELEVATION DIFFERENCE Min. Eleval				<u> </u>	Ē	or Water 0.433 X E			Elev. Diff. =			7.8 PSIG			
(WHERE APPLICABLE) Elev. Diff.				18 Ft.	Ft. Other (Specify)			X Elev. Diff. =					PSIG		
Pipe Specification				FM Grade		Pipe Spec. an Footage to Footage Verifi		ec. and	nd % of SMYS			At Max Give 90%			
O.D. W.T. Long Seam (ERV			Seam (ERW, DS	AW, Seamless, Etc.)		Be Tested	In Field		MAOF	s	Test Press.	Test Pre	ss.	SMYS	
34.00	.375	API 5L, X	-65, DSAW	(Item #10	0)	-48*	72.8	r' DY	52.8	)	66.05	73.3	7	1291	
34.00	.500	API 5L, X	-65, DSAW	(Item #10	2)	_28'	19.30	: DY	39.60	)	49.54	55.0	3	1721	
34.00	.505	Elbow, Y	-60	(Item #11	8)	4 ea.		<u>DY</u>	42.4	7	53.13	59.0	2	1604	
34.00	.500	API 5L, X	-46, DSAW	(Item #	2)	60 <sup>1</sup>	MOK	$\underline{\mathcal{D}}_{1}^{\prime}$	55.9	5	70.00	77.7	6	1218	
34.00	.344	API 5L, X	-52, DSAW	(item #	3)	12643	2661	DY	71.94	<b>4</b>	90.00	99.9	8	947	
34.00	505	API SI	L X60	DSAW			32.26	- DY	42.3		53.13	590	2	1604	
			·····												
	<u> </u>		· · .	The state of the state	: hi	L Toe	t Fluid	MINIMI		IRATI	<u>ON</u>			National Contraction	
Minimum Test	Pressure	@ Max. Eleva	tion	947	P	PSIG To E	le Used	- UNDER 30	% SMYS (1	HR, MIN	IMUM)		8	HOURS	
8. St	<b>B</b> ara and a state		à	4052		W	ATER	- 30% SMYS	& OVER (8 H	RS. MIN	IMUM)	T W. OXO.		a.	
Naximum lest	Pressure	@ Min. Eleva	tion		For I	nformation or Chang	es, Call:	- PREINSTA	Approv	ed By;		I A, GAS	510, A-3	Date:	
Redacted 9/28/2011 Ma						ark Cabral (925) 588-3640 Man					Clahal 9-28-11				
PART II - TEST I	DATA (TO I	BE PREPARED	BY PERSON S	JPERVISING TEST AT TI	ME O	F TEST)		Note: Min w	imum test pr ithout writter	essure a approv	nd duration are al.	not to be cha	inged		
Time and Date		10:0	SAM			305 Min Required Test			954 May AT			wable Test 105		1051	
Test Pressure Reached		1015	111 .	Elevation at Test Point		FT	Press. At Ter	Press. At Test Point (1)		1) PSIG Press a		Test Point (4)		PSIG	
Time and Date		6:45	PM	Max. Elevation in		321	Min. Indicated		91	68	Max. Indic	ated	àà	1039	
Test Ended		10/57	<u>///</u>	Test Section		FT 202	Test Pressur	e	(2)	PSIG	Test Press	sure	(5)	PSIG	
Actual Duration of Test		Shr.	40 min	Min. Elevation in Test Section		FT	Min. Test Pre at Max. Eleve	essure ation	(3) 74	PSIG	Max. Test at Min. Ele	Pressure evation	(6)	PSIG	
Test Fluid Used	1.21					Pipe	edacted								
Make, Range, an	d Serial No	of Pressure Re	cording Gauge	Date Las	st Cal	ibrated Mak	e, Range, and t	servel ing. of L	ead Weight	rester (	See Note 7)		Date La	ist Calibrated	
Barton,	0-3	<u>000 °,</u>	62400	56 6//	<u>//</u>	// (	handler	30-:	<u> 5000</u>	, 5,	198	an a sugar	Oll Date:	1/11	
Redacted				10/	5/	11	C.	LA,	Enne		1	10-13	1		
PUT SCHEMATI		KETCH ON BA	CKOF THIS SI	IEET MAXIMUM ELEVATION IN				SANDARCO	PPOPATED			TIONAL SH		IECESSARY	
(SHOW REFERE	NCE NUM	BERS ON FACE	OF ALL DRAW	INGS AND ATTACHMEN	TS)	FOR STATION PIPI	NG, FABRICATI	ED UNITS AN	ID SHORT S	ECTION	IS OF PIPE, AL	SO SHOW A	DETAIL	ED SKETCH	
NOTES:	WOLT 125	EU.					DIST	RIBUTION		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
(1) Add the stat	ic head due	JOB FILE (AT SPONSORING ORGANIZATION)													
(2) Use lowest	pressure or	GSM&TS RESPONSIBLE DISTRICT SUPERINTENDENT													
<ul><li>(3) Subtract sta minimum ini</li></ul>	ation) from	PROJ	ECT MANAG	ER/PROJEC	T ENG	NEER									
(4) Subtract sta "maximum t	lic head du	e to elevation di e at minimum el	fference (betwee evation* from P/	ation) from	TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JORS ONLY										
(5) Highest pres (6) Add static h	ssure on ter ead due to	st gauge at any elevation differe	time during test. nce (between te	ration	) to maximum	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 space provided above.						information in the REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING							// <i>w</i> ,		



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



Sheet\_ 2 of \_\_\_\_2

	V V V V V	DATA(IUB	. FILLER	RED BY	PROJECT E	NGINEER	<u>)</u>								
Feeder Main Number, Line Number, or Station Name Area					a Division/District					Job Numbe	¥	Date Job A	Date Job Authorized		
L-300A 4			4	Kern						41535680 September 1					
Description of	Job Inclu	de Reference Dra	ving Numb	ers, and P	ipeline Milepo	ists		a ninalina n	antorial list	atria nin	o olhowo o		from the		
I EST Z - I	ie-in pie	d" /refer to D	auc test	piping	and exist	ING 34 L	-300A. EXISUI	y pipelille li No Mi V	100 22 on	t Ploudo	e, eidows, s wn ychyce i	ieeves, ale		*	
Hydrotost		from MP 28	8 0601	2000,	MATT Bak	orefield (	$\frac{1(3-20) - 10}{100}$	Leaction 11	<u>290.33 am</u> 51	1 DIOWUU	WII VAIVES	Mith 34 Pil	<u>.                                    </u>		
riyurotest	L-300M		0.0004	- 231.4	TTI Dan	oronoia, v			5)						
Location Class	6	Design Factor (F)	MA	OP to be	Established fo	or this Piping	by this Test	Future D	esign Pressure	- 1		<u></u>			
2 .6				757 PSIG								75	7 PSIG		
STAT	IC HEAD D	UE TO	Max. Ele	vation	321	Ft.	Static Head Calcula	ion							
ELEVATION DIFFERENCE Min. Elevation					303 Ft. For Water 0.433					K Elev Diff = 7.8 PSIG					
				valion.	18 Et Outur (Densiti)					ROV. LANK	Fold				
(WHE	RE APPLIC	CABLE)	Elev, Dif	<u>[</u>	10	<u>+t.  </u>	Other (Specify)	Dino Ce		=lev. Diff. =	0/ of CLN	/0	PSIG	Deservice to	
Size APLor ASTM					Grade Footage to			Footage Verified			At Min	% of SMYS Pre			
O.D. W.T. Long Seam			Seam (ER	m (ERW, DSAW, Seamless, Etc.)			Be Tested	In F	In Field		Test Pre	Test Press. Test Press.		SMYS	
1.050	UNK	1" Valve	Tee		()	tem #5)	3 ea.	MOG	MOR NO						
1 050	154	API 51 (	APISI GR B SMIS			a e l	24'	MAR	MOR M		9.22	9.22 10.5		9240	
1.050	442		D R Q	MIS	la de la través La través de la través		6'	MAR	<del>- 41</del>	10.05	12.5	7 430	26	6780	
1.000	.115	ARIOL, L	n. D, C	NVILO	(3) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	M-1013		FIUI	- 4	10.05	14.0	1. 100		0100	
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Minimum Te	st Pressur	e @ Max. Eleva	tion	<u>ا شينا</u>		941	PSIG To	Be Used	- UNDER 30%		R. MINIMUM) S. MINIMUM		ð	HOURS	
Maximum Te	oet Proceru	ro @ Min Eleva	tion			1052	PSIG	MICK	- PREINSTAI	LATION TES	ST (SEE ATTACH	IMENT 'A', GAS	STD A-34	ú	
Redacted	Maximum rest Pressure @ Min. Elevation 1004 PSIG - PREINSTALLATION (EST (SEE ATTACHMENT A, GAS STD, A-34)											, Date:			
					4/28/20	our Ma	ark Cabral (92	5) 588-3640	ļ.	m	ark 120	Cohol	9-2	8-11	
PART II - TES	T DATA (P	O BE PREPARED					Contraction of the second								
			BA DEK2	ON SUPE	RVISING TES	ST AT TIME	OF TEST)		Note: Minir	num test pres	sure and duratio	n are not to be cl	nanged		
			BY PERS	ON SUPE	RVISING TES	ST AT TIME	OF TEST)		Note: Minir wil	num test pres hout written a	sure and duratio opproval.	n are not to be cl	nanged		
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Time and Date Test Pressure	<b>e</b>	10:0	BY PERS	ON SUPE	RVISING TES	ST AT TIME	OF TEST)	Min. Requir	Note: Minir will ed Test	num test pres hout written a	sure and duratio approval. % SIC Max	n are not to be cl	nanged	1051 DSIG	
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