Docket No. SA-534

Exhibit No. 2-S

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

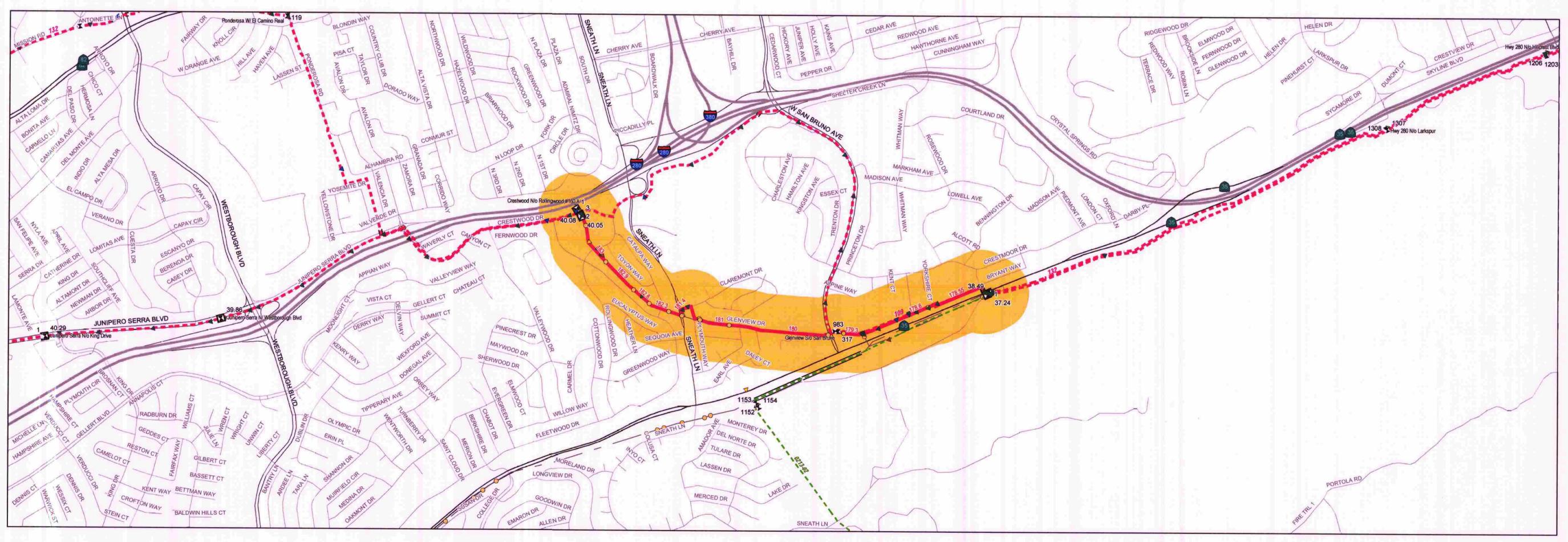
PG&E PIR AND HCA DRAWINGS

(5 Pages)



PIPELINE SURVEY SHEET

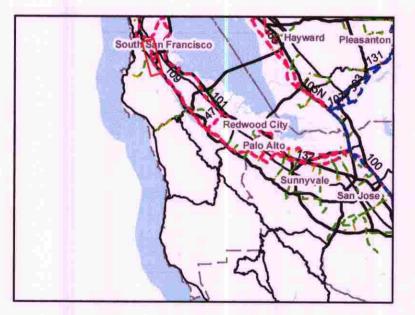
The second se	_								a la la seconda de la seconda d															
JOINT EFFICIENCY	1.000	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	1.000	
GIRTH WELDS	ARC	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	ARC	
LONG SEAMS	DSAW	<>	<>	<>	<>	<>	<>	DSAW	SMLS	DSAW	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	_	<>	DSAW	_
JOINT TYPE	BUTT	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	BUTT	
S.M.Y.S. (PSI)	60000	<>	<>	<>	<>	60000	52000	52000	42000	52000	60000	<>	<>	60000	52000	<>	<>	<>	<>	<>		<>	52000	_
GRADE	X60	<>	<>	<>	<>	X60	X52	X52	X42	X52	X60	<>	<>	X60	X52	<>	<>	<>	<>	<>		<>	X52	_
WALL THICKNESS	0.5	<>	<>	0.5	0.3125	0.375	0.3125	0.3125	0.375	<>	0.375	0.5	<>	0.5	0.375	<>	<>	<>	<>	<>	_	<>	0.375	_
SIZE (OD)	30	24	<>	<>	24	30	<>	<>	<>	<>	30	24	<>	24	30	<>	<>	<>	<>	<>		<>	30	
MANUFACTURER	NA	NA	NA	NA	NA	NA	NA	NA	NA	CONSOL	NA	NA	NA	NA	NA	CONSOL	NA	CONSOL	NA	CONS		<>	CONSOL	
*Design Pressure (PSIG)	400	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	400	
DATE	1/1/1994	1/1/1995	<>	<>	1/1/1995	1/1/1994	1/1/1961	<>	<>	1/1/1961	1/1/1994	<>	<>	<>	1/1/1994	1/1/1961	<>	<>	<>		_		1/1/1961	_
PRESSURE (PSIG)	1431	1082	1431	<>	1431	1407	NA	NA	NA	NA	1407	1407	1448	1407	1407	NA	NA	NA		<>	-	<>		
TEST MEDIUM	W	<>	<>	<>	<>	W	G	<>	<>	G	W	<>	<>	<>	W	G	<>		NA	NA		NA	NA	_
TEST DURATION	1	<>	<>	<>	<>	1	NA	NA	NA	NA	1	<>	<>	<>	1	NA	-	<>	<>	<>		<>	G	_
DEPTH OF COVER	4	<>	<>	<>	<>	4	3.5	NA	NA	NA	4	<>	<>	<>	4		NA	NA	NA	NA		NA	NA	_
MAOP (PSIG)	400	<>	<>	<>	<>	<>	<>	<>	<>	<>					4	NA	NA	NA	NA	NA		NA	NA	_
% SMYS AT MAOP	20	16	<>	16	25.6	26.6667	36.9231	36.9231	38.0952	30.7692	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	_	<>	400	_
MOP (PSIG)	375	<>	<>	<>	<>	<>	<>	<>			26.6667	16	<>	16	30.7692	<>	<>	<>	<>	<>		<>	30.7692	Line.
% SMYS AT MOP	18.75	15	<>	15	24		THE R. MILLER CO.	and the set was and	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	375	-
%SMYS Permit/Pres. Loc. Class	50	<>	<>	<>		25	34.6154	34.6154	35.7143		25	15	<>	15	28.8462	<>	<>	<>	<>	<>		<>	28.8462	
MAOP Dur. Welding PAR. A	375	<>			<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	50	
Gas Standard A-65 PAR. B	275		<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	375	
PIPE Type	TAPE	<>	<>	375	312.5	300	216.6667	216.6667	210	260	300	375	<>	375	260	<>	<>	<>	<>	<>		<>	260	
COATING Condition	TAPE	<>	<>	<>	<>	TAPE	HAA	<>	<>	HAA	TAPE	<>	<>	<>	TAPE	HAA	<>	<>	<>	<>		<>	HAA	
As Built	G	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	G	
CLASS Present	3	<>	<>	<>	<>	<>	3	2	<>	2	3	<>	<>	<>	3	2	<>	<>	<>	2		3	3	
No. Dwellings	3	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	3	
	SUB	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>	<>		<>	SUB	
G. M. NUMBER	1958719	<>	<>	<>	<>	1958719	151181	151181	136471	98015	1958719	<>	<>	<>	1958719	98015	128826	98015	<>	<>		<>	98015	
YEAR INSTALLED	1/1/1995	<>	<>	<>	<>	1/1/1995	1/1/1961	1/1/1961	1/1/1956	1/1/1948	1/1/1995	<>	<>	<>	1/1/1995	1/1/1948	1/1/1954	1/1/1948	<>	<>		<>	1/1/1948	
UPGRADE JOB FOOTAGE	NA	NA	NA	NA	NA	NA	NA	NA	NA 1742	NA	NA	NA	NA	NA	NA	NA	NA	NA	128826-5			NA	NA	
	31	19	27	1252	1316	5	354	211	1742	610	6	28	517	33	6	200	360	367	681	769		236	186	
PIPE SEGMENT NO.	178.3	178.4	178.5	178.55	178.6	178.7	179.3	179.6	180	181	181.2	181.3	181.4	181.5	181.6	181.8	182.3	182.6	182.9	183		83.3	183.4	
ROUTE NO.	132	132	132	132	132	132	132	132	o 132 o	_w 132	132	132	132	132	132	132	132	132	132	132		132	132	
FINAL STATIONS FROM TRANSMISSION LINE PLATS	29 60	60			1358 2674	2674 2679EQ205680	205680EQ2679 206034	206034 206245EQ20620	206245EQ20620 207942EQ20793	207942EQ20793 208546	208546EQ0 6	8	34 592	592 525	225 331EQ208828	131EQ208828	09028	09755	09755 10436		11205			
APPROXIMATE MILE POINT	38.3900 38.4000	38.4000 38.4000	38.4000 38.4059	38.4059 38.6800	38.6800	38.93 38.9309	38.9309 38.9979	38.9979	39.0400 39.3700	39.3700 39.4900	39.4900	39.4900 39.5	39.5300 5	39.5300 5 39.5400 6	39.5400 e	39.5400 6 39.5800 2	39.6500 2 39.6500 2	39.6500 2 39.7200 2	39.7200 2 39.8500 2	39.8500 2	40 2	40.0447	40.0447 40.0800	



Line 132 MP: 38.3900 - 40.0800

California Gas Transmission

	-	Class Location Buffer
	Backbone Local Transmission	Unknown
	Gathering Distribution Feeder Main	Class 1
	Underground Storage Deactivated	Class 2
	Distribution Foreign	Class 3
	PLSS Pipe Line with Data	Class 4
•	Pipe Line Segment Node Pipe Line Casing	Class 9
	Stations with Operating Diag Stations without Operating I	Diagrams
	Cathodic Protection - Anode Cathodic Protection - ETS	
	Cathodic Protection - Rectifi Cathodic Protection - Coupo Main Line Valves Valves	
~	Pressure Control Fitting (PC Leaks	F)
	1 inch e	quals 1,000 feet



PACIFIC GAS AND ELECTRIC COMPANY San Bruno Gas Transmission Line Incident Data Response

PG&E Data Request No.:	NTSB_049-001								
PG&E File Name:	San Bruno GT Line Incident_DR_NTSB_049-001								
Request Date:	February 4, 2011	Requesting Party:	NTSB						
Date Sent:	February 4, 2011	Requestor:	Operations (Chhatre)						

QUESTION 1

NTSB requests the following documents be reviewed to determine whether PG&E would agree to not assert a claim of privilege.

- NTSB_008-004
- NTSB_008-004S1
- NTSB_011-008
- NTSB_004-004
- NTSB_004-001
- NTSB_014-006
- NTSB 036-004
- PIR print with overlay entitled "PIR between line 132 mlv 38.49 to MLV 40.05"
- NTSB_001-011
- NTSB_035-12
- NTSB_008-003

ANSWER 1

PG&E did not assert, or has agreed not to assert a claim of privilege for the following documents:

- NTSB_008-004
- NTSB_011-008 (Names Redacted)
- NTSB_004-004
- NTSB_004-001 (Amended)
- NTSB_014-006 (Name Redacted)
- NTSB_036-004
- PIR print with overlay entitled "PIR between line 132 mlv 38.49 to MLV 40.05" (NTSB_016-003)
- NTSB_001-011

PACIFIC GAS AND ELECTRIC COMPANY San Bruno Gas Transmission Line Incident Data Response

- NTSB_035-12
- NTSB_008-003

With respect to NTSB_008-004S1, PG&E is waiting for a response from NTSB in order to make a determination.