



**INCIDENT REPORT –  
GAS TRANSMISSION AND  
GATHERING SYSTEMS**

Original Report Date July 27, 2005

U.S Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration

Report format corresponds to  
Form PHMSA F 7100.2 (01-2002)

No. 20050079 - 9682

**PART A – GENERAL INFORMATION**

N	Original Report	Y	Supplemental Report	Y	Final Report
Last revision Date			12/16/2015		
<b>1. Operator Name and Address</b>					
a. Operator's 5-digit Identification Number			15007		
b. If Operator does not own the pipeline, enter Owner's 5-digit Identification Number (when known)					
c. Name of Operator			PACIFIC GAS & ELECTRIC COMPANY		
d. Operator street address			PO BOX 770000 MAIL CODE H15E		
e. Operator address			City	SAN FRANCISCO	
			County or Parish	SAN FRANCISCO	
			State	CA	
			Zip code	94177-0001	
<b>2. Time and date of the incident</b>					
			Hour	12:00	
			Date of the incident	06/28/2005	
<b>3. Location of incident</b>					
a. Street or nearest street or road			1/8 MILE N/E OF SOCFIELD AVE. AND RIVERSIDE STREET		
b. City			SHAFTER		
			County or Parish	KERN	
c. State			CA		
			Zip Code	93263	
d. Mile Post/Valve Station			297.7333		
e. Survey Station No					
f. Latitude			35.48746		
			Longitude	-119.40336	
g. Class location description					
Onshore (Class Location)			1		
Offshore			N		
Area					
Block #					
State					
Outer Continental Shelf					
h. Accident on Federal Land other than Outer Continental Shelf			N		
i. Is pipeline Interstate			N		
<b>4. Type of leak or rupture</b>					
Leak or Rupture			LEAK		
Type of Leak			PUNCTURE		
- Puncture, diameter (inches)			4		
Type of Rupture					
- Tear/Crack, length (inches)					
- Propagation Length, total, both sides (feet)					
Other (specify)					
<b>5. Consequences</b>					
a. Fatality			No		
Total number of people			0		
Employees			0		
General Public			0		
Non-employee Contractors			0		

b. Injury requiring inpatient hospitalization	No
Total number of people	0
Employees	0
General Public	0
Non-employee Contractors	0
c. Property damage/loss (estimated)	Yes
Total	\$ 204,000
Gas loss	\$ 124,000
Operator damage	\$ 80,000
Public/private property damage	\$ 0
d. Release Occurred in a 'High Consequence Area'	N
e. Gas Ignited / Gas did not ignite	Gas did not Ignite
f. Explosion / No Explosion	NO EXPLOSION
g. Evacuation ( <i>general public only</i> )	N
Number of people	0
Evacuation Reason	
<b>6. Elapsed time until area was made safe</b>	
Hours	0
Minutes	55
<b>7. Telephone Report</b>	
NRC Report Number	763750
Date	06/28/2005
<b>8. Pressure</b>	
a. Estimated pressure at point and time of incident (PSIG)	740.00
b. Max. allowable operating pressure (MAOP) (PSIG)	757.00
c. MAOP established by 49 CFR section	49 CFR 192.619(a)(3)
d. Did an over pressurization occur relating to the incident?	N
<b>PART B – PREPARER AND AUTHORIZED SIGNATURE</b>	
Preparer's Name	CHARLES CHANG, REGULATORY COMPLIANCE - GAS OPERATIONS
Preparer's Title	
Area Code and Telephone Number	9259744248
Preparer's E-mail Address	CYC8@PGE.COM
Area Code and Facsimile Number	9259734232
<b>PART C – ORIGIN OF THE INCIDENT</b>	
1. Incident occurred on	
2. Failure occurred on	BODY OF PIPE
Other (specify)	
3. Material involved ( <i>pipe, fitting, or other component</i> )	STEEL
Plastic failure was	
a. ductile	N
b. brittle	N
c. joint failure	N
Material other than plastic or steel	
4. Part of the system involved in incident	ONSHORE PIPELINE, INCLUDING VALVE SITES
Other (specify)	
5. Year the pipe or component which failed was installed	1950
<b>PART D – MATERIAL SPECIFICATION</b>	
1. Nominal pipe size (NPS) (inches)	34.00
2. Wall thickness inches	0.34
3. Specification	X52
SMYS	52000
4. Seam type	DSAW
5. Valve type	
6. Pipe or valve manufactured by	
in year	

<b>PART E - ENVIRONMENT</b>	
1. Area of incident	UNDER GROUND
Other (specify)	
Depth of cover (inches)	40
<b>PART F – APPARENT CAUSE</b>	
<b>F1 – CORROSION</b>	
1. External Corrosion	
2. Internal Corrosion	
<b>Complete items a-e where applicable</b>	
a. Pipe Coating	
b. Visual Examination	
Other (specify)	
c. Cause of Corrosion	
Other (specify)	
d. Was corroded part of pipeline considered to be under cathodic protection prior to discovering incident?	
Year Protection Started	
e. Was pipe previously damaged in the area of corrosion?	
How long prior to incident?	Years
	Months
<b>F2 – NATURAL FORCES</b>	
3. Earth Movement	
Description	
Other (specify)	
4. Lightning	
5. Heavy Rains/Floods	
Description	
Other (specify)	
6. Temperature	
Description	
Other (specify)	
7. High Winds	
<b>F3 - EXCAVATION</b>	
8. Operator Excavation Damage (including their contractors) / Not Third Party	
9. Third Party Excavation Damage	Yes
a. Excavator group	PROFESSIONAL EXCAVATOR
b. Type	OTHER
Other (specify)	AGRICULTURAL OPERATIONS
c. Did operator get prior notification of excavation activity?	Y
Date received	5 mo. 9 day yr.
Notification received from	ONE CALL SYSTEM
d. Was pipeline marked?	Y
Temporary markings	STAKES
Permanent markings	Y
Marks were	ACCURATE
Were marks made within required time?	Y
<b>F4 – OTHER OUTSIDE FORCE DAMAGE</b>	
10. Fire/Explosion as primary cause of failure	
Description	
11. Car, truck or other vehicle not relating to excavation activity damaging pipe	
12. Rupture of Previously Damaged Pipe	
13. Vandalism	
<b>F5 – MATERIAL AND WELDS</b>	
<b>Material</b>	
14. Body of Pipe	
Description	
Other (specify)	

15. Component	
Description	
Other (specify)	
16. Joint	
Description	
Other (specify)	
<b>Weld</b>	
17. Butt	
Description	
Other (specify)	
18. Fillet	
Description	
Other (specify)	
19. Pipe Seam	
Description	
Other (specify)	
<b>Complete a-g if you indicate any cause in part F5</b>	
a. Type of failure	
Construction Defect	NO DATA
Description	
Material Defect	NO DATA
b. Was failure due to pipe damage sustained in transportation to the construction or fabrication site?	
c. Was part which leaked pressure tested before incident occurred?	
d. Date of test	
	Month
	Day
	Year
e. Test medium	
Other (specify)	
f. Time held at test pressure	hr
g. Estimated test pressure at point of incident	
	(PSIG)
<b>F6 – EQUIPMENT AND OPERATIONS</b>	
20. Malfunction of Control/Relief Equipment	
Description	
Other (specify)	
21. Threads Stripped, Broken Pipe Coupling	
Description	
Other (specify)	
22. Ruptured or Leaking Seal/Pump Packing	
23. Incorrect Operation	
a. Type	
Other (specify)	
b. Number of employees involved who failed post-incident test	
Drug test	
Alcohol test	
c. Were most senior employee(s) involved qualified?	
d. Hours on duty	
<b>F7 – OTHER</b>	
24. Miscellaneous	
Description	
25. Unknown	
Description	
<b>PART G – NARRATIVE DESCRIPTION OF FACTORS CONTRIBUTING TO THE EVENT</b>	
THE EXCAVATOR, JORDY WISE, WORKING FOR GARNER FARMS, WAS PLOWING/RIPPING A FIELD WITH A D8 TRACTOR WHEN HE STRUCK AND DAMAGED 34 INCH LINE 300B CAUSING GAS TO ESCAPE. THERE WAS A USA ONE-CALL NOTIFICATION TAG FOR THE AREA NAD THE SITE WAS ACCURATELY MARKED BY PG&E WITHIN THE PROPER TIME LIMIT, HOWEVER THE USA TICKET	

HAD EXPIRED ON JUNE 6, 2005. THE EXCAVATOR WAS AWARE OF THE LOCATION OF THE 34 INCH PIPELINE BUT FAILED TO FOLLOW PROPER PROCEDURE BY HAVING A ACTIVE USA TICKET AND STOPPING EXCAVATING/RIPPING 5 FEET OF THE PIPELINE. UPDATED BY PHMSA ON 12/16/2015 PER OPERATOR'S MARK UP (PART C, QUESTION 5 - YEAR THE PIPE OR COMPONENT WHICH FAILED WAS INSTALLED).