

Shell Pipe Line Corporation

1993



*Cushing Tank Farm
Cushing, Oklahoma*





January 1993

SPLC

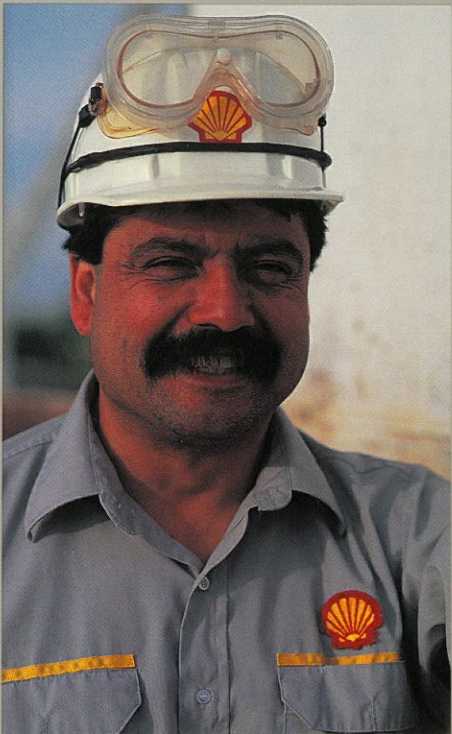
Walking and Working Surfaces

A couple of times each week at the El Paso Tank Farm, Ernie Mijares climbs the stairs of tank No. 6 to check the vapor pressure of the unleaded gasoline. While using the stairs, he always keeps one hand free to hold the railing. Once on top, he lowers a thief (a bottle on a chain) into the tank and retrieves a sample. In the sample room, Mijares tests the gasoline's vapor pressure and makes tank adjustments as necessary.

December 1992

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1 New Year's Day	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18 Martin Luther King Day	19	20	21	22	23
24 / 31	25	26	27	28	29	30



Ernie Mijares
Pipeline Operator
El Paso, Texas

February

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						



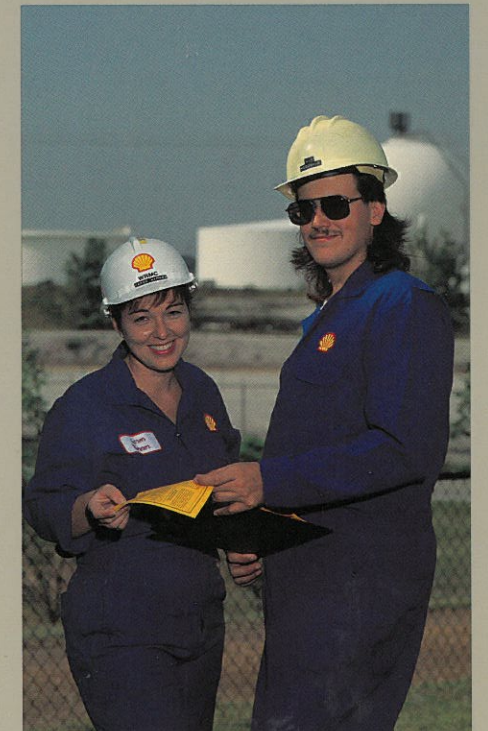


February 1993

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Setting Pipeline Markers

On the grounds of the Lambert-St. Louis Municipal Airport, Karen Werner and Jim McDonald set a pipeline marker to pinpoint the path of the AP ATF 10-inch line that supplies jet fuel to the airport. Setting and maintaining pipeline markers is essential in keeping everyone aware of pipeline locations.



Karen Werner
Pipeline Operator
Wood River, Illinois

Jim McDonald
Pipeliner
Wood River, Illinois

January

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
St. Valentine's Day	President's Day					
21	22	23	24	25	26	27
			Ash Wednesday			
28						

March

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			





March 1993

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Eye Protection

At the McCamey Tank Farm, Frank Sparks puts on splash goggles and rubber gloves to perform the monthly batch check. The process involves obtaining a crude oil sample from the Automatic Custody Transfer unit and testing the sample for water and sediment. As a safety precaution, splash goggles are required when draining or filling any pressurized system.

February

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
			St. Patrick's Day			Spring begins
21	22	23	24	25	26	27
28	29	30	31			



Frank Sparks
Pipeline Operator A
McCamey, Texas

April

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	





April 1993

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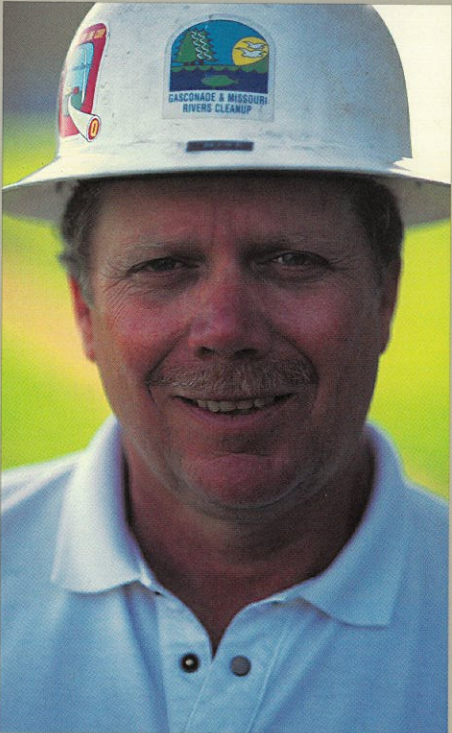
Right-of-Way Maintenance

To allow an air patrol check of the Ozark Pipeline, Mike Patrick clears a tree from the right-of-way near Labadie Station. When operating the chainsaw, he uses gloves, hearing protection, goggles and a face shield in addition to his standard hard hat and steel-toed boots. He also wears special chaps guaranteed to protect the legs by binding the chainsaw blade upon accidental contact.

March

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1 April Fool's Day	2	3
4 Daylight Savings Time begins Palm Sunday	5	6 Passover	7	8	9 Good Friday	10
11 Easter Sunday	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



Mike Patrick
Pipeliner
Union, Missouri

May

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					





May 1993

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Meeting DOT Safety Regulations

This mainline block valve on the Kilgore-Houston Pipeline receives inspections twice a year to meet Department of Transportation safety regulations. To keep the valve in top shape, Randy Parish and Wayne Sample grease the wheel and check for packing leaks, then they make sure the valve closes smoothly in case it's needed in an emergency.



Randy Parish
Gauger
Goodrich, Texas

Wayne Sample
Pipeliner/Truck Driver
Goodrich, Texas

April

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11 <i>Final</i>	12	13	14	15
Mother's Day						
16	17	18	19	20	21	22
23 / 30	24 / 31 Memorial Day	25	26	27	28	29

June

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			





June 1993

SPLC

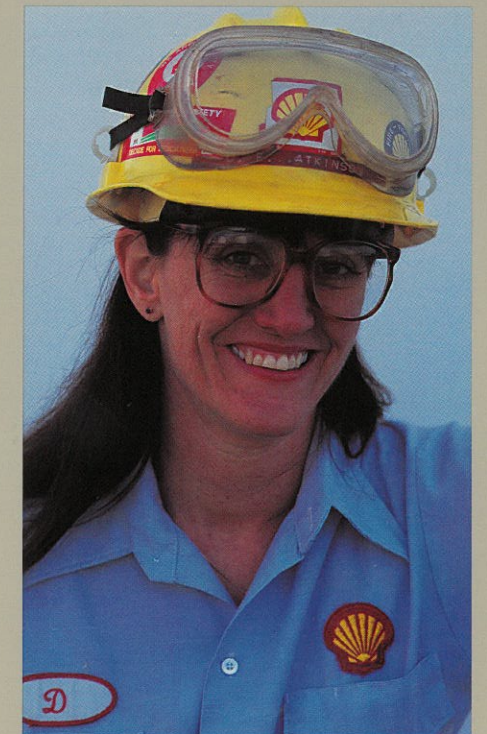
Lockout/Tagout Procedures

After shutting off the valve that isolates the scraper trap barrel on the South-line 10-inch Pipeline, D Atkinson secures the valve with a chain and lock and places a distinct warning tag in an obvious location. The lock and tag ensure that the valve stays closed while the trap is opened and the scraper is removed from the products pipeline. The location is the Columbus Meter Station.

May

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2	3	4	5
6	7	8 1st day June	9	10	11	12
13	14 Flag Day	15	16	17	18	19
20	21 Summer begins	22	23	24	25	26
27 Father's Day	28	29	30			



D Atkinson
Operator
Columbus, Ohio

July

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31





July 1993

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Helicopter Safety

One of the most important things to remember when around helicopters is always approach and leave from the front of the craft, within the pilot's field of vision. Other helicopter safety rules are: wear a seat belt while the craft is in motion, wear hearing protection and wear a life vest over water. In the photo, the three men are checking on Ship Shoal Block 28, an unmanned pump station off the Louisiana coast in the Gulf of Mexico.

June

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
4	5	6	7	8	9	10
Independence Day						
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



Richard Amedee
(left)
Terminal Agent
St. James, Louisiana

Percy Lawless
(center)
Station Attendant
Gibson, Louisiana

Kevin Thibodeaux
Electrical Technician
Gibson, Louisiana

August

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				





August 1993

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Monitoring Pressure Gauges

Most pipeline facilities have a variety of pressure gauges which must be monitored frequently to ensure pressures are within appropriate ranges. In the photo, Ron Rosholt checks a gauge on one of the three giant steam boilers at Wasco Station, just a few miles from Bakersfield, California. Water pumped through coils above the brick boilers is heated and converted to steam, which serves two purposes: The steam heats the thick oil—helping it flow more freely—and also powers the Wasco turbines which pump the oil down the Bakersfield-Caliola Pipeline. This is Shell Pipe Line's only hot-oil line.

July

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



Ron Rosholt
Station Operator
Bakersfield, California

September

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		





September 1993

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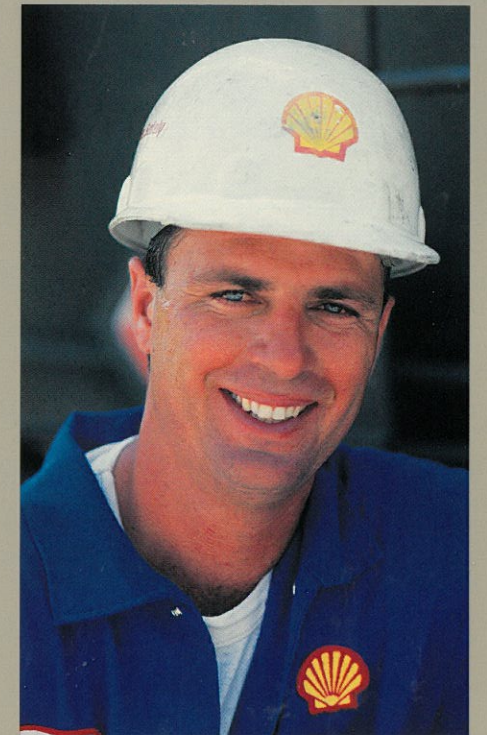
Hard Hats

On a typical day at the Sorrento Tank Car Loading Facility, Lonnie Carter fills 12 tanker cars with propylene. Before any tanker car can be filled, Carter climbs over and under each car to complete a detailed safety inspection. After inspecting about six cars, Carter connects the dispensing arms and begins filling the tankers with propylene. Whether Carter is working above or below the tanker cars, his hard hat is a vital tool for protection. This tank car facility is the only one of its kind operated by Shell Pipe Line.

August

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1	2	3	4
5	6 Labor Day	7	8	9	10	11
12 Grandparent's Day	13	14	15	16 Rosh Hashanah	17	18
19	20	21	22 Autumn begins	23	24	25 Yom Kippur
26	27	28	29	30		



Lonnie Carter
Operator
Sorrento, Louisiana

October

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						





October 1993

SPLC

Safe Grinding

Just outside the Hobbs, New Mexico, Maintenance Shop, John Jackson smooths the rough spots on a welded section of a header replacement. Anyone performing grinding work must wear goggles, a face shield, a hard hat, steel-toed boots and gloves. Jackson, who usually uses a grinder at least once a week, sometimes finds himself busy with grinding work for the entire day.



John Jackson
Pipelinier
Hobbs, New Mexico

September

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
	Columbus Day observance					
17	18	19	20	21	22	23
24 / 31 Halloween Standard Time returns	25	26	27	28	29	30

November

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				





November 1993

SPLC

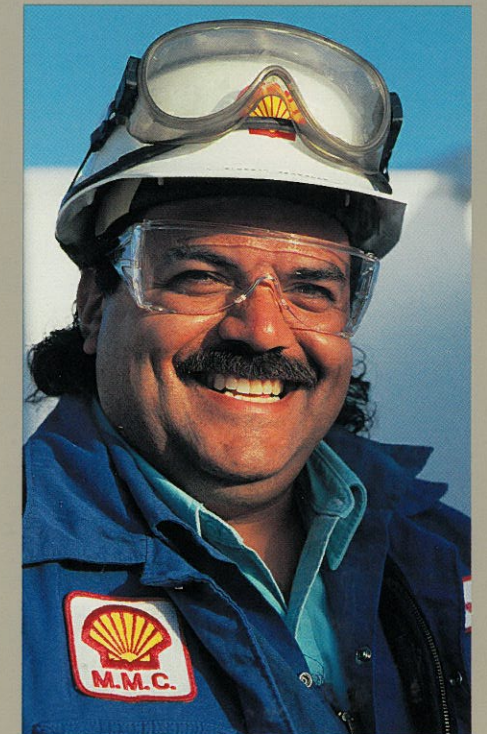
Fire-Retardant Clothing

At the Martinez Manufacturing Complex, Gilbert Gonzalez checks the temperatures and pressures at Shell Pipe Line's Martinez Pump Station, which serves the Bay Area Pipeline. Gonzalez travels to Martinez from Brentwood about twice a week to ensure the pump station is operating in top shape. While working on the grounds of the manufacturing complex, employees are required to wear their fire-retardant clothing.

October

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1 All Saint's Day	2	3	4	5	6
7	8	9	10	11 Veteran's Day	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



Gilbert Gonzalez
Meter Measurement Technician
Brentwood, California

December

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

USE DRY-ERASE MARKERS ONLY

SMITH SYSTEM

FIVE KEYS TO SAFE DRIVING

- AIM HIGH IN STEERING
- GET THE BIG PICTURE
- KEEP YOUR EYES MOVING

YOURSELF.

ARE THE

EXPO ERASER



December 1993

SPLC

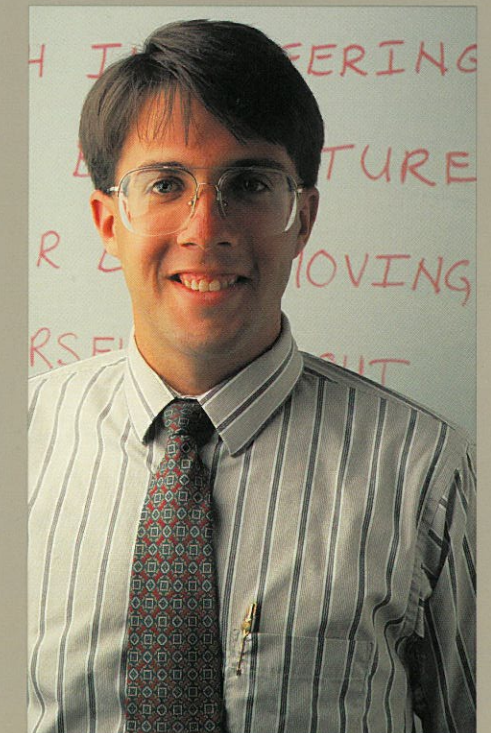
Safety Meetings

Even in an office setting, safety procedures should be taught and discussed frequently. But instead of concentrating on hard hats and steel-toed boots, Head Office safety meetings focus on topics such as fire safety, home security and driver safety. Here, Jim Norris discusses the techniques of the Smith System Defensive Driver Training Course with Head Office employees.

November

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	1	2	3	4
5	6	7	8	9	10	11
				Hanukah		
12	13	14	15	16	17	18
19	20	21	22	23	24	25
		Winter begins				Christmas Day
26	27	28	29	30	31	



Jim Norris
Analyst
Houston, Texas

January 1994

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					