file Temperature

ENRONOPERATIONS CORP.

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

October 9, 1995

Ms. Barbara Hoditschek New Mexico Environment Department Hazardous & Radioactive Materials Bureau 2444 Galisteo St., Bldg. A Santa Fe, NM 87505

RE:

Report of Interim Corrective Measures

Transwestern Pipeline Company Roswell Compressor Station Reporting Period: July 1, 1995 through September 30, 1995

Dear Ms. Hoditschek,

This letter report of interim corrective measures at the Roswell Station covers the calendar quarter of July 1995 through September 1995. A copy of the monthly operations and maintenance reports generated by TPC's local contractor responsible for routine O&M are attached.

I.	Volume of Liquids Recovered (gallons)	During Reporting Period	To Date
1.	Phase Separated Hydrocarbons (PSH)	242	7,339
2.	Ground Water	57	6,172
3.	PSH and Ground Water Combined	299	13,511
II.	Accumulation Time for Recovered Liquids		
1.	Date liquids last removed from recovery tank	Ju	ly 14, 1995
2.	Last day of reporting period	Septemb	er 30, 1995
3.	Accumulation time to last day of reporting period	d	78 days

III. General Comments

On August 15-23, 1995, TW implemented a Phase I Soil and Ground Water Assessment Plan. The two primary objectives of the plan were: 1) to characterize the most highly affected soil in the immediate vicinity of the two former surface impoundments, and 2) to characterize potentially affected ground water within the uppermost aquifer immediately down gradient of the two former surface impoundments. A representative of the NMOCD was on-site on August 22, 1995 to collect split samples from four of the six ground water monitor wells. Analytical results for soil and ground water samples collected by TW have been received from Core Lab. A summary of the results will be presented in a report to be submitted by October 27, 1995.

The pump in recovery well RW-1 was shut down on September 28, 1995 for repairs and has since been placed back in service.

No other events of concern occurred during this reporting period.

If you have any questions regarding the content of this report, please contact me at (713) 646-7644 or George Robinson at (713) 646-7327.

Sincerely,

Bill Kendrick

Projects Group Manager EOC Environmental Affairs

gcr/BK

cp w/enclosures:

Roger Anderson

ellkenduck

NMOCD

Santa Fe, NM

bc w/enclosures:

Bill Kendrick Larry Campbell EOC/OTS/EAD

3AC3148 Roswell, NM

George Robinson

TPC Technical Operations Cypress Engineering Services

3AC3142

Transwestern Pipline Facility Remediation System Maintenance Roswell, New Mexico

Recovery Well Log Sheet	Month:	Day:	Well #	Product Level	Water Level	Pump # / MW #	Flow Rate	Cycle Time	Tank Recovered Fluid Level	Product	Water	Remarke:	Inspector	Three
Enron Roswell Remediation System Maintenance	Sep-95	1-Sep	Pump 1/RW-1	39.05	39.16	Pump 1/RW-1	20 /300 Sec.	3 Cycle	0.42	0.42'	0	Pumps 1,2, 3, 4, On, Na Spills or Leaks	CMB	2:00-3:30 p.m
Transwestern Pipeline Facility			Pump 2/MW-1B	59.12	59.23	Pump 2/MW-1B	15ML / 600 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	5:30- 5:45 p.m
6381 North Main Street			Pump 3/MW-2	0	59.06	Pump 3/MW-2	15 Mt. /300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	12:30-12:45 p.r
Roswell, New Mexico 88201			Pump 4/MW-1	63.69	63.72	Pump 4/MW-1	20 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	11:15 -11:30 a.s
		5-Sep	T GIND THE STATE OF							1		Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	6:15 -6:30 a.m
Prepared By:		6-Sep	 			·	 	·		1		Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	3:15 -3:30 p.m
Clayton M. Barnhill		7-Sep	+					 				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:15 -6:25 a.m
Consulting Geologist		8-Sep					 					Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	5:45 -6:00 p.m
PO Box 2304												Pumps 1,2, 3, 4, On, No Spitts or Leaks	CMB	4:04-4:20 p.m
70 Box 2304 Roswell, New Mexico 88202-2304	_	9-Sep				Pump 1/RW-1	20 /300 Sec.	3 Cycle	0.48	0.48	0	Pumps 1,2, 3, 4, On, No Spits or Leaks	CMB	6:30-6:35 a.m
	-	10-Sep	-						0.48	0.48	-	Pumpe 1,2, 3, 4, On, No Spills of Leaks	CMB	6:25 -6:35 a.n
(505) 622-2012		11-Sep			-	Pump 2/MW-1B	15ML / 600 Sec.	3 Cycle		-		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:15 -7:30 a.m
		12-Sep			 	Pump 3/MW-2	15 ML /300 Sec.	3 Cycle						
		13-Sep				Pump 4/MW-1	20 ML / 300 Sec.	3 Cycle				Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	3:00 -3:15 p.m
		14-Sep										Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	11:15 -11:30 a.
		15-Sep								1		Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	4:30 -4:45 p.m
		16-Sep			L							Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10;30 -10:45 a.
		17-Sep										Pumpa 1,2, 3, 4, On, No Spills or Leaks	CMB	5:00-5:15 par
		18-Sep										Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	5:00-5:15 p.m
		19-Sep										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	4:00-6:00 p.m
		20-Sep				1						Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:25 -6:30 a.m
		21-Sep				Pump 1/RW-1	20 /300 Sec.	3 Cycle	0.56	0.56	0	Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	1:00-4:00 p.m
		22-Sep				Pump 2/MW-1B	15ML / 600 Sec.	3 Cycle	0.00			Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	6:25 -6:35 a.m
		23-Sep				Pump 3/MW-2	15 ML /300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	2-6 p.m.
	_	24-Sep				Pump 4/MW-1	20 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	7:00 s.m12 p.
		25-Sep				Pump 4/M W-1	20 ML / 300 300.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20-6:30 a.m
						- -						Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	6:25 -6:35 a.m
		26-Sep											CMB	6:20 -6:30 a.m
		27-Sep										Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	6:25 -6:35 a.m
		28-Sep							Pump 1 shut down for repairs	+		Pumpe 2, 3, 4, On, No Spills or Leaks		6:25 -6:35 a.m
		29-Sep			ļ							Pumps 2, 3, 4, On, No Spills or Leaks	CMB	
		30-Sep	Pump 1/RW-1	39.11	39.17	Pump 1/RW-1	20 /300 Sec.	3 Cycle	0.64	0.64	0	Pumps 2, 3, 4, On, No Spills or Leaks	CMB	10:45 -11 a.m
			Pump 2/MW-1B	59.18	59.23	Pump 2/MW-1B	15ML / 600 Sec.	3 Cycle						
		1 .	Pump 3/MW-2	0	59.21	Pump 3/MW-2	15 ML /300 Sea.	3 Cycle	I	1				
		I	Pump 4/MW-1	0	63.70	Pump 4/MW-1	20 ML / 300 Sec.	3 Cycle						
		T												
								Recovery:	0.22' or 2.64 inches	0.17	0			
							•							
	_							Totale;	31.5 gallons / inch of tank volume				1	
		 						10.000	83.16 gallons/30 days = 2.77 gal/day	2.77 gal/day	O nel/dev			
									DOLLO GENERAL DE LETT GENERAL	2000	y		1	
		 	}				+	Totals in Tank:	241.92 total gallons in tank	 			_	
			 					Tenk T.D. = 10.27'	241.92 total gallone in tens	_				
					+	 		TENR 1.D. = 10.27		-			 	
					-			-	O gallone of water				-	
		1											-	
		-							83.16 Gallone of Product produced					
									0 Gallons of Water Production					
	1						1		in the Month of September 1995					

Transwestern Pipline Facility Remediation System Meintenance Roswell, New Mexico

Recovery Well Log Sheet	Month:	Day:	Well f	Product Level	Water Level	Pump # / MW #	Flow Rate	Cycle Time	Tank Recovered Fluid Level	Product	Water	Remarks:	Inspector	Time
Enron Roswell Remediation System Maintenance	Aug-95	1-Aug	Pump 1/RW-1	39.02	39.12	Pump 1/RW-1	Trace /300 Sec.	3 Cycle	0.24	0.24	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20-6:30 a.m.
Transwestern Pipeline Facility		2-Aug	Pump 2/MW-1B	59.16'	59.20	Pump 2/MW-1B	20 ML / 600 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:36-7:45 a.m.
6381 North Main Street			Pump 3/MW-2	0	59.10°	Pump 3/MW-2	25 ML /300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:45-8:00 s.m.
Roswell, New Mexico 88201		4-Aug	Pump 4/MW-1	63.74	63.79	Pump 4/MW-1	30 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	8:00-8:10 a.m.
		5-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	8:30-8:46 a.m.
Prepared By:		6-Aug			- KUS		7/11/1					Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10:30-10:45 a.m
Clayton M. Barnhill		7-Aug										Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	2:15-2:30 p.m.
Consulting Geologiet		8-Aug							0.29	0.29	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	4:30-6 p.m.
PO Box 2304		9-Aug			7/200							Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	8:35-8:48 p.m.
Roswell, New Mexico 88202-2304		10-Aug									•	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:30-7:05 a.m.
(505) 622-2012		11-Aug							-			Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	6:30-6:45 a.m.
		12-Aug				Pump 1/RW-1	20 /300 Sec.		0.31'	0.31	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10:10-10:20 a.m
		13-Aug				Pump 2/MW-1B	15ML / 600 Sea.					Pumps 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	7:30-7:40 a.m.
		14-Aug				Pump 3/MW-2	15 ML /300 Sec.					Pumps 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	7:20 -7:30 a.m.
		15-Aug				Pump 4/MW-1	20 ML / 300 Sec.					Pumpe 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	7:20 -7:30 a.m.
		16-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	7:20 -7:30 a.m.
		17-Aug				1						Pumps 1,2, 3, 4, On, No Spills or Leaks	1. Hudson	7:20 -7:30 a.m.
		18-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	
		19-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	L. Hudson	7:20 -7:30 a.m.
		20-Aug					-					Pumps 1,2, 3, 4, On, No Spits or Leaks	L. Hudson	7:20 -7:30 e.m.
		21-Aug							0.36	0.36	Ö	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10:30-10:45 a.m
		22-Aug							0.50	0.50		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	4-4:15 p.m.
		23-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:25-6:35 a.m.
		24-Aug										Pumps 1,2, 3, 4, On, No Spills of Leaks	CMB	9:15-9:30 p.m.
		25-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:30 -6:40 a.m.
	-	26-Aug				 						Pumpe 1,2, 3, 4, On, No Spits or Leaks	CMB	10-10:30 a.m.
		27-Aug				 				-			C. Young	6:20 -6:30 a.m.
		28-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks	C. Young	6:20 -6:30 a.m.
		29-Aug								-		Pumps 1,2, 3, 4, On, No Spills or Leaks	C. Young	
		30-Aug										Pumps 1,2, 3, 4, On, No Spills or Leaks		
				39.05	39.15		20 /300 Sec.					Pumpe 1,2, 3, 4, On, No Spills or Leaks	C. Young	
A-111		31-Aug	Pump 1/RW-1			Pump 1/RW-1			0.42	0.42	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	2-3:30 p.m.
			Pump 2/MW-1B	59.12	59.23	Pump 2/MW-1B	15ML / 600 Sec.						-	
			Pump 3/MW-2	0	59.05	Pump 3/MW-2	15 ML /300 Sec.							
			Pump 4/MW-1	63.69	63.72	Pump 4/MW-1	20 ML / 300 Sec.							
						ļ								
						ļ							-	
								Recovery:	0.18' (2.16 inches)	0.18	0			
								Totale:	31.5 gallons / inch of tank volume					
									68.04 gallons/31 days = 2.19 gal/day	2.19 gal/day	O gal/day			
							1							
						ļ		Totals in Tank:	158.76 total gallone in tank					
								Tenk T.D. = 10.27'	158.76 gallone of product					
									O gallone of water				1	
									68.04 Gallons of Product produced					
									O Gallons of Water Production					
									in the Month of August 1995					

Transwestern Pipline Facility Remediation System Maintenance Roswell, New Mexico

Recovery Well Log Sheet	Month:	Day:	Well#	Product Level	Water Level	Pump # / MW #	Flow Rate	Cycle Time	Tunk Recovered Fluid Level	Product	Weter	Remarke:	Inspector	Time
Enron Roswell Remediation System Maintenance	Jul-95	1-Jul				Pump 1/RW-1	20 ML / 300 Sec.	3 Cycle	1.25	1.03*	0.22	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	2:40-2:50 p.m.
Transwestern Pipeline Facility		2-Jul				Pump 2/MW-1B	20 ML / 600 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	11-11:10 a.m.
6381 North Main Street	***************************************	3-Jul	1			Pump 3/MW-2	20 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	8:10 -8:20 a.m
Roswell, New Mexico 88201		4-Jul	1			Pump 4/MW-1	50 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spitte or Leaks	CMB	8:50 -9 a.m.
		5-Jul										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	5 -6:10 p.m.
Prepared By:		6-Jul										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7 -7:15 a.m.
Clayton M. Barnhill		7-Jul							1.40	1.03	0.37	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	3 · 3:15 p.m.
Consulting Geologist		8-Jul				Pump 1/RW-1	Trace /300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	9:45-10:45 а.п
PO Box 2304		9-Jul				Pump 2/MW-1B	60 ML / 600 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	10 -10:15 a.m.
Roswell, New Maxico 88202-2304		10-Jul				Pump 3/MW-2	70 ML /300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	6 :15-6:30 a.m
(505) 622-2012		11-Jul		, ,		Pump 4/MW-1	30 ML / 300 Sec.	3 Cycle				Pumps 1,2, 3, 4, On, No Spills or Leaks	CM8	6:30-6;40 a.m
1010/1111		12-Jul			1							Pumps 1,2, 3, 4, On, No Spills or Leaks	СМВ	8:15 -8:25 a.m
		13-Jul										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	4:10-4:20 p.m
		14-Jul							Tank Emptied 7/14/95	0	. 0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:10 -7:20 p.m
		15-Jul				Pump 1/RW-1	Trace /300 Sec.	3 Cycle	1	1		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	9-9:45 a.m.
		16-Jul	 			Pump 2/MW-1B	10 ML / 600 Sec.			1	· ·	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:36 -6:45 a.m
		17-Jul	 			Pump 3/MW-2	15 ML /300 Sec.	3 Cycle		1		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:20 -7:30 a.m
		18-Jul				Pump 4/MW-1	25 ML / 300 Sec.			1		Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20 -6:30 s.m
		19-Jul				T GIND THE T	20 11127 000 000	7 -775-7		1		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:30 -7:40 p.m
		20-Jul										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	3:30 -3:45 р.л
		21-Jul							0.09	0.09	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	4:30-4:40 p.m
		21-Jul				 			0.00	- 0.00		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10:15 -10:30 au
		22-Jul	+			 	 			_	_	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	7:20 -7:30 s.m
		24-Jul	+			 	 			+		Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20 -5:30 p.m
		25-Jul				 	 					Pumpe 1,2, 3, 4, On, No Spills or Leaks	CMB	6:30 -6:40 a.m
							 	 				Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20 -6:30 a.m
		26-Jul				+						Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	6:20 -6:30 a.m
		27-Jul										Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	8:35 -8:45 p.m
		28-Jul									_	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	10:15 -10:25 a.
		29-Jul					 					Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	9:46 -10:00 =.n
		30-Jul	-	39.02	39.12	Pump 1/RW-1	Trace /300 Sec.	3 Cycle	0.24	0.24	0	Pumps 1,2, 3, 4, On, No Spills or Leaks	CMB	8:00 -9:25 a.m
		31-Jul		59.16	59.20	Pump 2/MW-1B	20 ML / 600 Sec.	3 Cycle	0.24	0.24		Fumps 1,2, 3, 4, On, No Spins of Laures	СМВ	0.00 -5.20 e.m
			Pump 2/MW-1B	0	59.10	Pump 3/MW-2	25 ML /300 Sec.	3 Cycle			 -			
		——	Pump 3/MW-2	63,74	63.79	Pump 4/MW-1	30 ML / 300 Sec.	3 Cycle						
			Pump 4/MW-1	63.74	63.79	Pump 4/MW-1	30 ML / 300 Sec.	3 Cycle						
							+	+						
					 			Recovery:	0.39' (4.68 inches)	0.24	0.15			
								necovery:	0.39 (4.88 inches)	2.88 inches	1.80 inches		_	
		——					 	Totale:	31.5 gallons / inch of tank volume	Z.os menes	1.80 mones		1	
		<u></u>				 		70tats:	147.42 gallons/31 days = 4.76gal/day	2.93 gel/day	1 92 ani/day			
		<u> </u>					+		177.72 ganons/31 days = 4./0gal/day	2.53 gerday	1.03 (84/01)		+	
		ļ					 	Totals in Tank;	90.72 total gallons in tank	_			+	
							+	Tenk T.D. = 10.27	90.72 total gallons in tank 90.72 gallons of product	+				
								rank 1.D. = 10.27		-				
									O gallone of water					
									90.72 Gallone of Product produced	-				
									56.70 Gallone of Water Production					
									in the Month of July 1995					