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January 24, 1995

Ms. Barbara Hoditschek New Mexico Environment Department Hazardous & Radioactive Materials Bureau 525 Camino de Los Marquez P.O. Box 26110 Santa Fe, NM 87502

RE: Report of Interim Corrective Measures Transwestern Pipeline Company Roswell Compressor Station Reporting Period: October 1, 1994 through December 31, 1994

Dear Ms. Hoditschek,

This letter report of interim corrective measures at the Roswell Station covers the calendar quarter of October 1994 through December 1994. In May 1994, Transwestern Pipeline Company (TPC) had obtained the services of a local contractor, Pool Environmental Drilling (Pool), to provide routine operations and maintenance services. Each month, Pool prepares and submits a spreadsheet report which details various information associated with the interim corrective measures system. A copy Pool's report, for each month within the reporting period is attached with this report.

I.	Volume of Liquids Recovered (gallons)	During Reporting Period	To Date
1.	Phase Separated Hydrocarbons (PSH)	1386	6,254
2.	Ground Water	662	5,657
3.	PSH and Ground Water Combined	2048	11,911
II.	Accumulation Time for Recovered Liquids		
1.	Date liquids last removed from recovery tank	Octob	er 29, 1994
2.	Last day of reporting period	Decemb	er 31, 1994
3.	Accumulation time to last day of reporting period	bd	63 days

III. General Comments

On October 13, 1994, a technician with Marlin Environmental Products was on-site to inspect each recovery pump and make necessary repairs. The skimmer device on each pump was adjusted in order to minimize the collection of ground water. The contractor personnel responsible for routine operation and maintenance of the system were also trained to perform pump inspections and minor repairs.

No spills or leaks of recovered liquids were reported during the reporting period.

On December 1, 1994, TPC installed an upgradient monitor well (MW-6) approximately 500 feet southwest of the former surface impoundments. A ground water sample was collected from MW-6 and submitted for laboratory analysis. All existing on-site monitor wells were re-surveyed and tied to a common datum. The information obtained during installation of MW-6, the soil and ground water sample

analysis results, and the new survey information are included in the modified closure plan submitted to your attention on January 17, 1995.

On December 22, 1994, TPC collected ground water samples from the on-site deep observation well and an off-site well located just west of the facility. The results from laboratory analysis of the samples are included in the modified closure plan submitted to your attention on January 17, 1995.

The following comment is in regard to an event which occurred outside the reporting period but is significant enough to warrant noting at this time. On January 4, 1995, TPC removed the PSH skimmers from the recovery pumps set in wells MW-1 and RW-1. The purpose of this action was an attempt to more effectively remove liquids from these recovery points. As a result, approximately 1071 gallons of PSH and 158 gallons of water were recovered within a five day period (by January 9, 1995), the bulk of which was recovered from MW-1. The initial elevated recovery rate, however, has since stabilized at a rate much closer to the prior recovery rate. This action should have substantially reduced the thickness of PSH previously collected and measured in MW-1. More information regarding this issue will be available and presented in the next quarterly reporting period report.

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

NMOCD

Sincerely,

Bill Kendrick Projects Group Manager EOC Environmental Affairs

gcr/BK

cp w/enclosures:

Roger Anderson

Santa Fe, NM

Transwestern Pipline Facility Remediation System Maintenance Roswell, New Mexico

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Recovery Well Log Sheet	Month:	Dey:	₩ell#	Product Level	Water Level	Pump # / MW #	Flow Rate	Cycle Time	Tank Recovered Fluid Level	Product	Water	Remarks:
Enron Roswell Remediation System Maintenance	Oct-94	1-Oct						Pump on 20 sec.				No Report
Transwestern Pipeline Facility		2-Oct						ThreeCycle				No Report
6381 North Main Street		3-Oct						Pump off 4 sec.				Pumps 1,2,3,4 On, No spills or leaks
Roswell, New Mexico 88201		4-Oct				Pump 4 / MW-1	Trace/60sec.	Vacuum On 10 sec.				Pumps 1,2,3,4 On, No spills or leaks
		5-Oct				Pump 1 / RW-1	Trace/60sec.	Cycle delay 60 sec.				Pumps 1,2,3,4 On, No spills or leaks
Prepared By: Pool Environmental Drilling, Inc.		6-Oct				Pump 3 / MW-2	50ml	per 60 seconds				Pumps 1,2,3,4 On, No spills or leaks
712 E. College Street, P.O. Box 604		7-Oct				Pump 2/MW-1B	Trace/60sec.			2*	Unknown	Pumps 1,2,3,4 On, No spills or leaks
Roswell, New Mexico 88202-0604		8-Oct										No Report
505) 622-4859		9-Oct										No Report
Clayton M. Barnhill (505) 622-2012		10-0ct										Pumps 1,2,3,4 On, No spills or leaks
Consulting Geologist		10/11/94					1		**************************************			Pumps 1,2,3,4 On, No spills or leaks
		12-Oct									1	Pumps 1,2,3,4 On, No spills or leaks
		13-Oct	RW-1	No Product	38.9'	Pump 1/RW-1	Trace/ 2000 Se	ec.		3"	Unknown	Pumps 1,2,3,4 On, No spills or leaks
		14-Oct	MW-18	59.3'	61.11'	Pump 2/MW-1B	50 ML/ 60 sec					Pumps 1,2,3,4 On, No spills or leaks
		15-Oct	MW-2	58.10'	61.1'	Pump 3/MW-2	20 ML/ 120	ic.				Pumps 1,2,3,4 On, No spills or leaks
		16-Oct	MW-1	48,5'	59.0'	Pump 4/MW-1	120 ML/ 1000	sec.				No Report
		17-Oct										Pumps 1,2,3,4 On, No spills or leaks
		18-Oct									1	Pumps 1,2,3,4 On, No spills or leaks
		19-Oct										Pumps 1,2,3,4 On, No spills or leaks
		20-0ct								9"	All Product?	Pumps 1,2,3,4 On, No spills or leaks
		21-0ct							1			Pumps 1,2,3,4 On, No spills or leaks
		22-Oct				Pump 1/RW-1	Trace/ 2000 Se	ec.	1			Pumps 1,2,3,4 On, No spills or leaks
		23-Oct				Pump 2/MW-1B	50 ML/ 60 sec					No Report
······		24-Oct	1			Pump 3/MW-2	20 ML/ 120 se		1		-	Pumps 1,2,3,4 On, No spills or leaks
		25-Oct				Pump 4/MW-1	120 ML/ 180s					Pumps 1,2,3,4 On, No spills or leaks
		26-Oct			1		1	1				Pumps 1,2,3,4 On, No spills or leaks
		27-Oct										Pumps 1,2,3,4 On, No spills or leaks
		28-Oct										Pumps 1,2,3,4 On, No spills or leaks
		29-Oct			Each Pump	Pump 1/RW-1	Trace/1000 Se		1	1' 2"	No Water?	Pumps 1,2,3,4 On, No spills or leaks
		30-Oct			Measured for	Pump 2/MW-1B	250 ML/ 600 Sec. 100 ML/ 300 Sec.					No Report
		31-Oct			5 cycles	Pump 3/MW-2						Pumps 1,2,3,4 On, No spills or leaks
						Pump 4/MW-1	600 ML/900 Sec.					
								1	1			
							1		1		1	
		1				1	1	1		1	1	
						1	1	+	1			1
		-			1	1	1	Totals:	14 inches	14 inches	07	Skimmers appear to be working
									1		1	recovering free product only.
						-	1	1		· •	1	
						1	1	1				
						+		+	31.5 gallons / inch of tank volume	441 gallons	1	
							+			14.2 gal/day		

Page 1

Transwestern Pipline Facility Remediation System Maintenance Roswell, New Mexico

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Recovery Well Log Sheet	Month:	Day:	Well#	Product Level	Water Level	Pump # / MW #	How Rate	Cycle Time	Tank Recovered Fluid Level	Product	Water	Remarks:
Enron Roswell Remediation System Maintenance	Nov-94	1-Nov								1		Pumps 1,2,3,4 On, No spills or leaks
Transwestern Pipeline Facility		2-Nov				Pump 1/RW-1	Trace/ 2000 Se	<u>,</u>				Pumps 1,2,3,4 On, No spills or leaks
5381 North Main Street		3-Nov				Pump 2/MW-1B	50 ML/ 60 sec.					Pumps 1,2,3,4 On, No spills or leaks
Roswell, New Mexico 88201		4-Nov				Pump 3/MW-2	20 ML/ 120 sec					Pumps 1,2,3,4 On, No spills or leaks
		5-Nov			-	Pump 4/MW-1	120 ML/ 1000 e	ec.				Pumps 1,2,3,4 On, No spills or leaks
Prepared By: Pool Environmental Drilling, Inc.		6-Nov										Pumps 1,2,3,4 On, No spills or leaks
712 E. College Street, P.O. Box 604		7-Nov							1' 2"	?	1' 2"	Pumps 1,2,3,4 On, No spills or leaks
Roswell, New Mexico 88202-0604		8-Nov										Pumps 1,2,3,4 On, No spills or leaks
505) 622-4859		9-Nov						••				Pumps 1,2,3,4 On, No spills or leaks
Clayton M. Barnhill (505) 622-2012		10-Nov										Pumps 1,2,3,4 On, No spills or leaks
Consulting Geologist		11-Nov						-				Pumps 1,2,3,4 On, No spills or leaks
		12-Nov	1			1					1	Pumps 1,2,3,4 On, No spills or leaks
		13-Nov	1			1	1	·····			1	Pumps 1,2,3,4 On, No spills or leaks
······································		14-Nov	1 1						1'4"	2*	1' 2"	Pumps 1,2,3,4 On, No spills or leaks
		15-Nov	1 1		†	Pump 1/RW-1	Trace/1000 Sec				†	Pumps 1,2,3,4 On, No spills or leaks
		16-Nov				Pump 2/MW-1B	125 ML/ 600 Se				1	Pumps 1,2,3,4 On, No spills or leaks
		17-Nov				Pump 3/MW-2	125 ML/ 300 S				+	Pumps 1,2,3,4 On, No spills or leaks
		18-Nov				Pump 4/MW-1	250ML/900 Sec				†	Pumps 1,2,3,4 On, No spills or leaks
	* * * * * *	19-Nov					2000.000					Pumps 1,2,3,4 On, No spills or leaks
		20-Nov									+	Pumps 1.2.3.4 On. No spills or leaks
		21-Nov	1 1								,	Pumps 1,2,3,4 On, No spills or leaks
		22-Nov				Pump 1/8W-1	Trace/ 2000 Se					Pumps 1,2,3,4 On, No spills or leaks
		23-Nov				Pump 2/MW-1B	50 ML/ 60 sec.					Pumps 1,2,3,4 On, No spills or leaks
		24-Nov	1			Pump 3/MW-2	20 ML/ 120 sec.					Pumps 1,2,3,4 On, No spills or leaks
		25-Nov				Pump 4/MW-1	120 ML/ 120 sec.					Pumps 1,2,3,4 On, No spills or leaks
		26-Nov					TEO INE OUSEC.			+	···	Pumps 1,2,3,4 On, No spills of leaks
		27-Nov							2' 7"	1' 8"		Pumps 1,2,3,4 On, No spills of leaks
· · · · · · · · · · · · · · · · · · ·		28-Nov	RW-1/p1	39' 3 1/2 "	39' 5"				2 /	10		Pumps 1,2,3,4 On, No spills or leaks
		29-Nov	MW-1B/p2	59' 7 1/2"	59' 81/2"							Pumps 1,2,3,4 On, No spills of leaks
		30-Nov	MW-2/p3	59' 7"	59' 8"					-+	+	Pumps 1,2,3,4 On, No spills or leaks
		00 1101	MW-1/p4	48' 11 1/2"	59' 4"							Fullips 1,2,3,4 OII, NO spills of leaks
		<u> </u>	14144-17p4	40 11 1/2	53 4					_		
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					<u> </u>						<u> </u>	
			ł				- +			1		
		l			ļ				31.5 gallons / inch of tank volume	630 gallons		
	I		L			1	1		976 gallons/32.5 gallons per day	[21 gal/day	11.5 gal/day	<u> </u>

Page 1

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Transwestern Pipline Facility Remediation System Maintenance Roswell, New Mexico

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Recovery Well Log Sheet	Month:	Day:	Weil #	Product Level	Water Level	Pump # / MW #	Flow Rate	Cycle Time	Tank Recovered Ruid Lavel	Product	Water	Bemarke:	Inspector	Time
Erron Roswell Remediation System Maintenance	Dec-94	1-Dec				Pump 1/RW-1	Trace/ 2000 Se		2' 7"	1' 8"	117	Pumps 1,2,3,4 On, No spills or leaks	CMB	4-4:30 p.m.
Transwestern Pipeline Facility		2-Dec				Pump 2/MW-1B	50 ML/ 60 sec.					Pumps 1,2,3,4 On, No spills or leaks	CMB	8:30-8:45 a.m.
6381 North Main Street		3-Dec				Pump 3/MW-2	20 ML/ 120	c.				Pumps 1,2,3,4 On, No spills or leaks	CMB	10:20-10:30 a.m.
Roswell, New Mexico 88201		4-Dec				Pump 4/MW-1	120 ML/ 60sec					Pumps 1,2,3,4 On, No spills or leaks	CMB	11:15-11:30 a.m.
		5-Dec										Pumps 1,2,3,4 On, No spills or leaks	JNH	4:20-4:35 p.m.
Prepared By: Pool Environmental Drilling, Inc.		8-Dec										Pumps 1,2,3,4 On, No spills or leaks	JNH	4:35-4:50 p.m.
712 E. College Street, P.O. Box 604		7-Dec	1									Pumps 1,2,3,4 On, No spills or leaks	JNH	10:55-11:10 a.m.
Roswell, New Mexico 88202-0604		8-Dec		· · ·								Pumps 1,2,3,4 On, No spills or leaks	JNH	4:40-4:55 p.m.
(505) 622-4859		9-Dec								1		Pumps 1,2,3,4 On, No spills or leaks	JNH	4:35-4:50 p.m.
Clevton M. Barnhill (505) 622-2012		10-Dec										Pumps 1,2,3,4 On, No spills or leaks	CMB	6:00-6:15 p.m.
Consulting Geologist		11-Dec										Pumps 1,2,3,4 On, No spills or leaks	CMB	3:30-3:45 p.m.
		12-Dec							3' 1"	2' 1"	1'	Pumps 1,2,3,4 On, No spills or leaks	CMB	3:00-3:30 p.m.
		13-Dec										No Report	CMB	No Report
		14-Dec				Pump 1/RW-1	25ML/60 Sec.					Pumps 1,2,3,4 On, No spills or leaks	CMB	9:00-9:41 a.m.
		15-Dec				Pump 2/MW-1B	10 ML/ 120	¢.		1		Pumps 1,2,3,4 On, No spills or leaks	CMB	3:00-3:22 p.m.
		16-Dec	1 1			Pump 3/MW-2	Trace/ 60 sec.	1				Pumps 1,2,3,4 On, No spills or leaks	CMB	9:45-10:05 a.m.
		17-Dec	t t	- A.Y.		Pump 4/MW-1	Trace/ 2000 ce	C.,			_	Pumps 1,2,3,4 On, No spills or leaks	CMB	10:00-10:20 a.m.
		18-Dec	1 1			1 4111		T				Pumps 1,2,3,4 On, No spills or leaks	CMB	1:30-1:50 p.m.
		19-Dec										Pumps 1,2,3,4 On, No spills or leaks	CMB	6:30-6:45 p.m.
		20-Dec	++									Pumps 1,2,3,4 On, No spills or leaks	CMB	5:30-5:45 p.m.
		21-Dec	+ +									Shut off Pumps for Aquifer Sampling	CMB	7:30-7:50 a.m.
		21-Dec	++									Shut off Pumps for Aquifer Sampling	CMB	8:00a.m5:00p.m
		23-Dec	<u>↓ </u>									Pumps 1,2,3,4 On, No spills or leaks	CMB	2:40-2:50 p.m
		23-Dec										Pumps 1,2,3,4 On, No spills or leaks	CMB	1:00-1:15 p.m
		25-Dec	├ ──- ·									Pumps 1,2,3,4 On, No spills or leaks	CMB	1:30-1:45 p.m
		25-Dec	łł							1		Pumps 1,2,3,4 On, No spills or leaks	CMB	10:15-10:30a.m.
		27-Dec	+							1		Pumps 1,2,3,4 On, No spills or leaks	CMB	7:45 - 8:00 p.m.
		27-Dec	++				+					Pumps 1,2,3,4 On, No spills or leaks	CMB	9:00 - 9:15 p.m.
		29-Dec	+ +							+		Pumps 1,2,3,4 On, No spills or leaks	CMB	7:00 - 7:20 a.m.
		29-Dec 30-Dec	++						4' 3"	2' 6"	1' 9"	Pumps 1,2,3,4 On, No spills or leaks	CMB	10:00-11:30 a.m.
		31-Dec	RW-1/p1	38' 10"	38' 11"	Pump 1/RW-1	25ML/60 Sec.		43	2.0			1	
		31-0-60	MW-1/p1 MW-1B/p2	59' 1*	59' 1.5"	Pump 2/MW-18	10 ML/ 120 se	I					+	
			MW-1B/p2 MW-2/p3	No Product	59'1.5'	Pump 2/MW-18 Pump 3/MW-2	Trace/ 60 sec.	c.					1	
			MW-1/p4	48' 6.5"	59' 1"		Trace/ 2000 sec.			+				· · · · · · · · · · · · · · · · · · ·
			MW-1/p4	48. 0.5.	59.1.	Pump 4/MW-1	11ace/ 2000 se	C					1	
			+ +											
			+ +			+		Totals:	20 inches	10 inches	10 inches			
			łł-					101813:	20 inches	iv inches	10 inches		-	
			1											
			↓											
			1								OIF		-	
									31.5 gallons / inch of tank volume	315 gallons				
								1	630 gallons/20.3 gallons per day	10.2 gal/day	10.2 gal/day			

Page 1