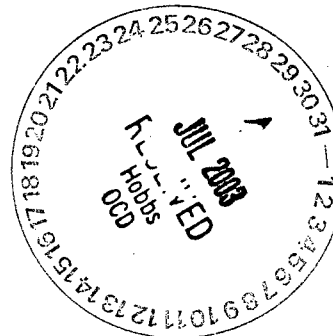


ConocoPhillips

07/28/03

Paul Sheeley
Environmental Engineering Specialist
NMOCD
1625 N. French Drive
Hobbs, NM 88240



Dear Sir,

This closure plan is in reference to the accidental discharge of 3 bbls of oil and 5 bbls of produced water, which occurred on 04/04/03 at the ConocoPhillips Leamex # 34 flow line, GPS coordinates 32°49'21"N 103°39'39"W, (UL "L", Sec 22, T 17S, R 33E, Lea Co., NM) near Leamex # 40, near Maljamar.

The site consists of caliche rock pasture with a downward slope to the East. The surface soil is rocky black dirt. The remediation area runs West-East for approximately 120 feet by 50 feet wide. There is no water source or surface water within 1,000 feet of the spill site and the site is not in a Wellhead Protection Area. Based on data from the USGS Ground-water levels for the Nation web page, depth to ground water is approximately 178 feet.

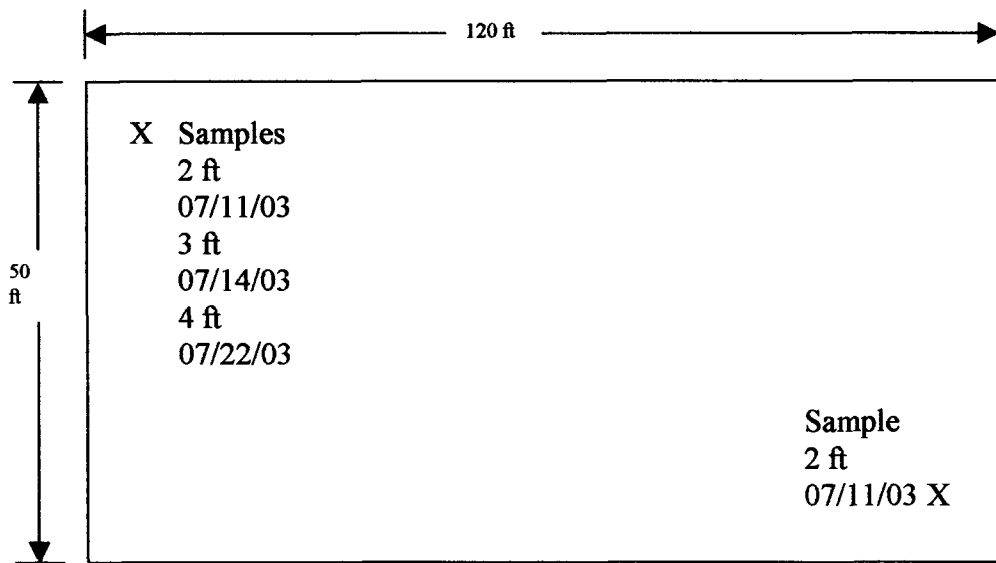
On 05/29/03, BBC International took four samples of the spill site, one on the north, one on the east, one on the south, and one on the west. The sample points were dug using a backhoe to a maximum depth of one foot.

As you can see by the enclosed test results, GRO, DRO, and BTEX were below the recommended clean up levels in the NMOCD "Guideline for Remediation of Leaks, Spills, and Releases" (which are 10ppm Benzene, 50ppm BTEX, and 5,000ppm TPH) for the west and south samples. The GRO, DRO, and BTEX for the north and east samples were above recommended clean up levels. Chlorides were elevated in the north sample also.

Therefore, it was determined to remove an area 50' X 120' with a depth determined by lab test of when the soil cleaned up to below recommended clean up levels.

An area 50' X 120' X 2' was removed from the spill site on 07/10/03 and the east and west sides were sampled (see drawing) and sent to the lab. As you can see by the enclosed test results the TPH was 8620mg/kg on the west side. Benzene and BTEX are below recommended clean up levels. Chlorides were low also.

ConocoPhillips - 217817
incident - NPAC06055 49332
inspect - ePAC06055
application - NPAC06055 49570





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 05/29/03
Reporting Date: 06/03/03
Project Owner: CONOCO PHILLIPS
Project Name: LEAMEX 34 FLOWLINE
Project Location: MALJAMAR, NM

Sampling Date: 05/29/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		06/02/03	06/02/03	05/30/03
H7697-1	LEAMEX 34 WEST-1'	17.8	583	576
H7697-2	LEAMEX 34 NORTH-1'	1080	4830	1340
H7697-3	LEAMEX 34 SOUTH-1'	<10.0	226	160
H7697-4	LEAMEX 34 EAST-1'	4110	14800	320
Quality Control		717	779	990
True Value QC		800	800	1000
% Recovery		89.6	97.4	99.0
Relative Percent Difference		1.0	0.2	6.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl⁻B

*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

6/3/03

H7697A.XLS

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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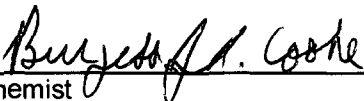
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397


Receiving Date: 05/29/03
Reporting Date: 05/30/03
Project Owner: CONOCO PHILLIPS
Project Name: LEAMEX 34 FLOWLINE
Project Location: MALJAMAR, NM

Sampling Date: 05/29/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		05/29/03	05/29/03	05/29/03	05/29/03
H7697-1	LEAMEX 34 WEST-1'	0.028	0.247	0.475	0.766
H7697-2	LEAMEX 34 NORTH-1'	2.73	40.4	43.5	59.7
H7697-3	LEAMEX 34 SOUTH-1'	0.011	0.071	0.049	0.072
H7697-4	LEAMEX 34 EAST-1'	8.31	107	123	184
Quality Control		0.092	0.098	0.091	0.268
True Value QC		0.100	0.100	0.100	0.300
% Recovery		91.9	97.9	90.8	89.3
Relative Percent Difference		1.9	5.1	1.6	2.1

METHOD: EPA SW-846 8260


Chemist


Date



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(816) 673-7001 Fax (816) 673-7020 (605) 393-2326 Fax (505) 393-2476

Page 1 of 1

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

+ Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
McNABB SERVICES
ATTN: HOWARD McNABB
P.O. BOX 5753
HOBBS, NM 88241
FAX TO: (505) 391-8484

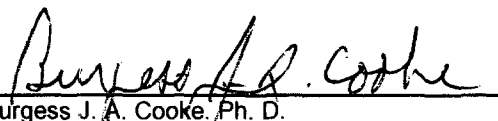
Receiving Date: 07/10/03
Reporting Date: 07/11/03
Project Owner: CONOCO PHILLIPS
Project Name: LEA MEX #34
Project Location: UL "L" SEC 22, T17S, R33E

Sampling Date: 07/10/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	CI* (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		07/11/03	07/11/03	07/11/03	07/11/03	07/11/03	07/11/03
H7800-1	EAST	191	208	<0.005	<0.005	<0.005	<0.015
H7800-2	WEST	8620	368	<0.005	0.010	0.008	0.022
Quality Control		226	1020	0.110	0.108	0.095	0.271
True Value QC		240	1000	0.100	0.100	0.100	0.300
% Recovery		94.2	102	110	108	94.5	90.4
Relative Percent Difference		2.1	0	1.3	2.6	1.3	0.7

METHODS: TRPHC-EPA 600/4-79-020 418.1; CI-Std. Methods 4500-CI-B; BTEX-EPA SW-846 8260

*Analyses performed on 1:4 w:v aqueous extracts.


Burgess J. A. Cooke, Ph. D.

7/11/03
Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

Company Name: <u>MMWBS, Service</u>		BILL TO		PO #:	
Project Manager: <u>Beverly Munn</u>		Company:			
Address: <u>22845 ST 34500</u>		Attn:			
City: <u>McBry</u> State: <u>NZ</u> Zip: <u>85211</u>		Address:			
Phone #: <u>392-4871</u> - <u>631-7749</u>		City:			
Fax #: <u>391-8484</u>		State:		Zip:	
Project #: <u>LEAMER 34</u> Project Owner: <u>Conoco/Phillips</u>		Phone #:			
Project Name: <u>LEAMER 34 - FLORE LEE</u>		Fax #:			
Project Location: <u>Malapine, NV</u>					
FOR LAB USE ONLY		MATRIX		PRES. SAMPLING	
LAB I.D.		(G)RAB OR (C)OMP.			
Sample I.D.		# CONTAINERS			
GROUNDWATER		WASTEWATER			
SOIL		OIL			
SLUDGE		OTHER :			
ACID:		ICE / COOL			
OTHER :		DATE		TIME	
7/14/05		7/14/05		X	
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Sampler Relinquished:		Date:		Received By:	
Relinquished By:		Time:		Received By: (Lab Staff)	
Delivered By: (Circle One)		Date:		Sample Condition	
Sampler - UPS - Bus - Other:		Time:		Cool Intact	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Checked By: (Initials)	
				REMARKS:	

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
McNABB SERVICES
ATTN: HOWARD McNABB
228 W. JASON
HOBBS, NM 88242
FAX TO:

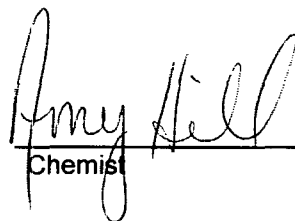
Receiving Date: 07/14/03
Reporting Date: 07/21/03
Project Owner: CONOCO PHILLIPS
Project Name: LEA MEX #34 FLOWLINE
Project Location: MALJAMAR, NM

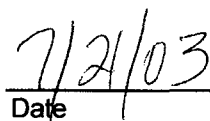
Analysis Date: 07/21/03
Sampling Date: 07/14/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H7806-1	FLOWLINE	2223
Quality Control		1020
True Value QC		1000
% Recovery		102
Relative Percent Difference		0

METHOD: Standard Methods	4500-Cl ⁻ B
--------------------------	------------------------

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

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ANALYTICAL RESULTS FOR
CONOCO PHILLIPS
ATTN: KEN ANDERSEN
P.O. BOX 180
MALJAMAR, NM 88264
FAX TO: (505) 676-2377

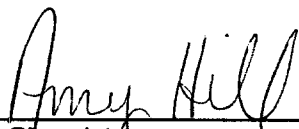
Receiving Date: 07/22/03
Reporting Date: 07/23/03
Project Owner: CONOCO PHILLIPS
Project Name: LEAMEX #34-4
Project Location: MALJAMAR, NM

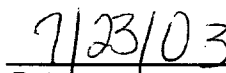
Analysis Date: 07/23/03
Sampling Date: 07/22/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H7841-1	LEAMEX #34-4	992
Quality Control		1020
True Value QC		1000
% Recovery		102
Relative Percent Difference		0

METHOD: Standard Methods	4500-Cl ⁻ B
--------------------------	------------------------

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date



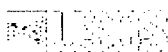
ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

Company Name: <u>Conoco Phillips</u>		P.O. #:		BILL TO		ANALYSIS REQUEST																																			
Project Manager: <u>Ken Anderson</u>		Company:																																							
Address: <u>P.O. Box 180</u>		City: <u>Malamat</u>		State: <u>NM</u>		Zip: <u>88264</u>																																			
Phone #: <u>390-4821</u>		Fax #: <u>676-2377</u>		City: <u>Malamat</u>		Address: <u>Malamat</u>																																			
Project #: <u>34-4</u>		Project Owner: <u>Leamex #34-4</u>		State: <u>NM</u>		Zip: <u>88264</u>																																			
Project Name: <u>Leamex #34-4</u>		Project Location: <u>Malamat</u>		Phone #: <u>390-4821</u>		Fax #: <u>676-2377</u>																																			
Sampler Name: <u>Ken Anderson</u>		FOR LAB USE ONLY		PRESERV:		SAMPLING																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H7841-1		Leamex # 34-4		G-1		X																				7-22		0946		X		Chlorides									



Water Resources

Data Category:

Ground Water

Geographic Area:

United States

GO

Ground-water levels for the Nation

Search Results -- 1 sites found

Search Criteria

Agency code = usgs

site_no list = • 325036103400001

[Save file of selected sites to local disk for future upload](#)

USGS 325036103400001 17S.33E.09.342113

Lea County, New Mexico

Latitude 32°50'36", Longitude 103°40'00"

NAD27

Gage datum 4,191.00 feet above sea level

NGVD29

The depth of the well is 230 feet below land surface.

This well is completed in OGALLALA FORMATION (121OGLL)

Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	Water level, feet below land surface	Status
1961-03-13		168.96	
1966-04-06		169.55	
1971-02-15		171.36	

Date	Time	Water level, feet below land surface	Status
1976-02-17		173.55	
1981-01-27		176.23	
1986-03-26		177.25	
1996-02-16		178.34	
2001-02-20		178.01	

Questions about data h2oteam@usgs.govFeedback on this website support_nwisweb@usgs.gov

Ground water for USA: Water Levels

<http://waterdata.usgs.gov/nwis/gwlevels?>[Top](#)[Explanation of terms](#)

Retrieved on 2003-07-28 15:11:32 EDT

Department of the Interior, U.S. Geological Survey

[Privacy Statement](#) || [Disclaimer](#) || [Accessibility](#)

1.01 0.99

Howard,

The backfill that we are supplying to Conoco/Phillips is from new dig on our facility. It is not contaminated or landfarmed. We could supply samples if necessary.

Thanks



Lary Parker

CRI

393-1079



08/05/03

Paul Sheeley
Environmental Engineering Specialist
NMOCD
1625 N. French Drive
Hobbs, NM 88240

Dear Sir,

This final closure letter is in reference to the accidental discharge of 3 bbls of oil and 5 bbls of produced water, which occurred on 04/04/03 on the ConocoPhillips Leamex # 34 flow line (GPS coordinates 32°49'21"N, 103°39'39"W), near Leamex # 40 (UL "H", Sec. 21, T 17S, R 33E, Lea Co., NM), near Maljamar.

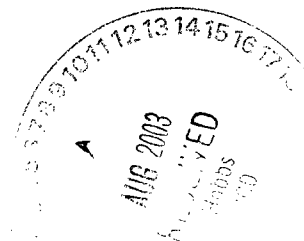
As per our conversation on 07/30/03, the spill site has been backed filled and seeded. The jt. of flow line with the emergency clamp on it has been replaced (see enclosed pictures). The staining around the flow line in the pictures was caused by fresh water used to flush the flow line.

Should there be any questions, please contact me at 505.390.4821. Thank You.

Respectfully,

A handwritten signature in cursive script that reads "Kenneth N. Andersen".

Kenneth N. Andersen
SHEaR Specialist
ConocoPhillips
SENM OU
505.396.7939
505.390.4821
ken.n.andersen@conocophillips.com





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

August 11, 2003

ConocoPhillips
Attn: Ken Anderson
POB 180
Maljamar, NM 88264-0180

Re: Closure Approval
Leamex #40- Dated: August 5, 2003
UL-H, Sec 21-T17S-R33E. 32 deg. 49'21"N, 103 deg. 39'39"W

Dear Mr. McCarty,

The Spill Closure Report referenced above and submitted to the New Mexico Oil Conservation Division (OCD) by ConocoPhillips is **hereby approved**. According to the information submitted, no further action is required.

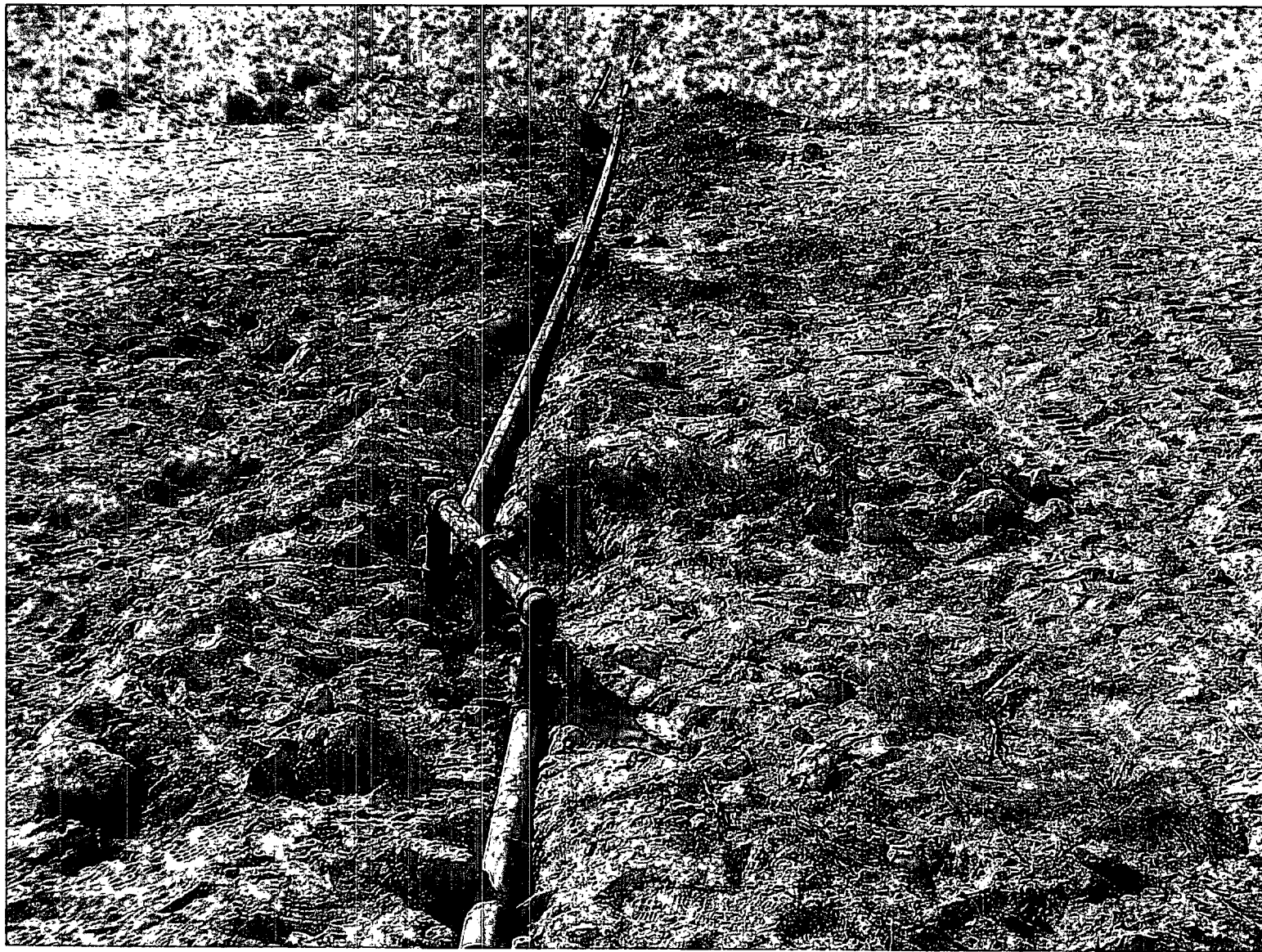
Please be advised that OCD approval of this plan does not relieve ConocoPhillips of liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. In addition, OCD approval does not relieve ConocoPhillips of responsibility for compliance with any other federal, state, or local laws and/or regulations.

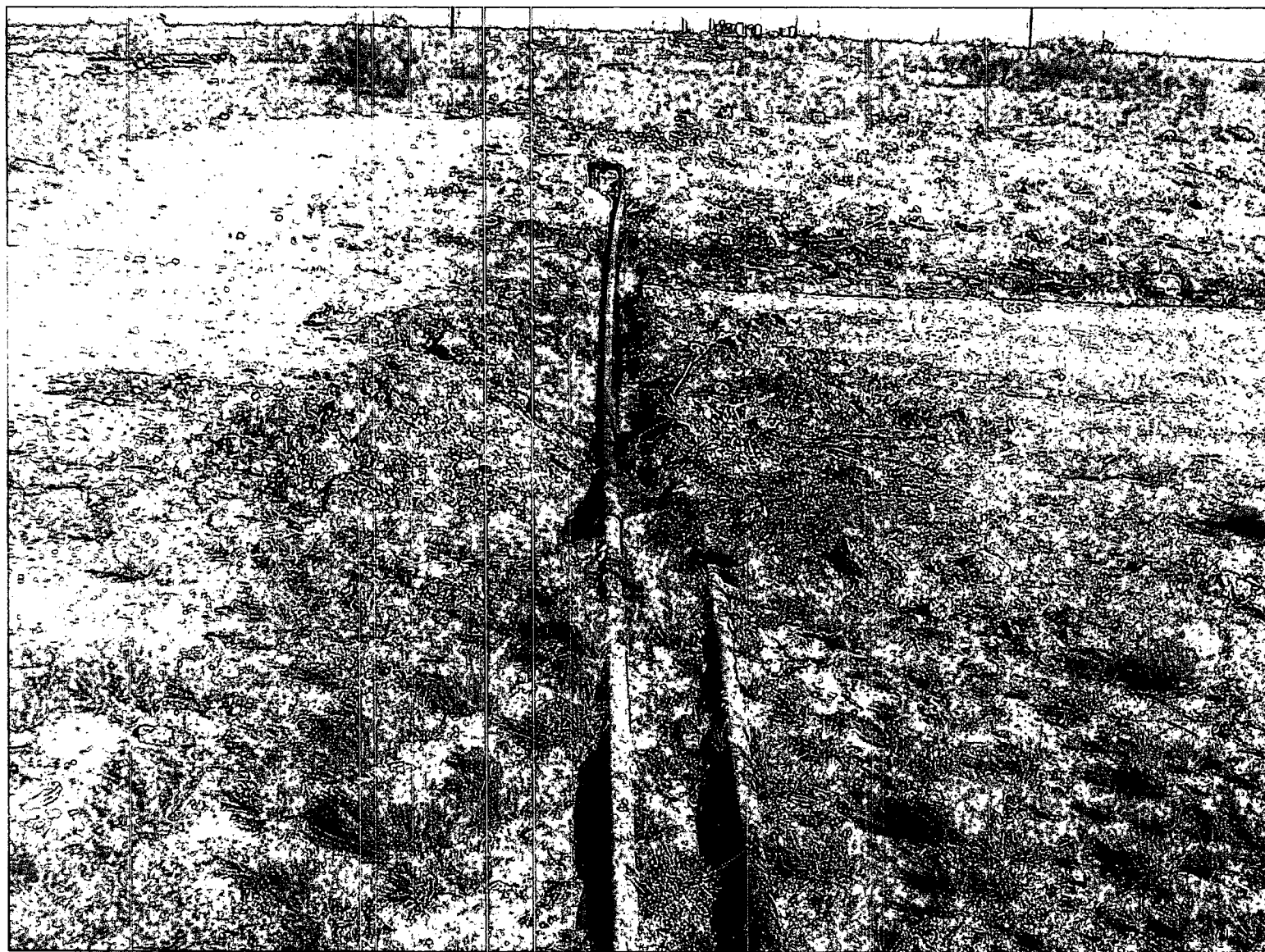
If you have any questions or need assistance please write or call: (505) 393-6161, ext. 113, or e-mail: psheeeley@state.nm.us

Sincerely,

Paul Sheeley-Environmental Engineer

Cc: Roger Anderson - Environmental Bureau Chief
Chris Williams - District I Supervisor
William Olson - OCD Hydrologist
Larry Johnson - Environmental Engineer





District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	ConocoPhillips Company	Contact	Stephen Wilson
Address	4001 Penbrook Odessa, Texas 79762	Telephone No.	915.368.1374
Facility Name	Leamex #34	Facility Type	Oil and Gas

Surface Owner	Caviness Family Trust	Mineral Owner		Lease No.	A600018
---------------	-----------------------	---------------	--	-----------	---------

LOCATION OF RELEASE

API # 30025279780000

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	22	17S	33E	1980	FSL	990	FWL	LEA

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 8bbl (3oil, 5water)	Volume Recovered (0oil, 0water)
Source of Release Flowline nipple failure	Date and Hour of Occurrence 04-04-03 8:00am	Date and Hour of Discovery 04-04-03 2:00pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. bbl (oil, water)	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem: 2" nipple failed due to corrosion. Replaced Nipple.

Remedial Action Taken.* Well was shut in and leak isolated. equipment called out to contain liquids.

Describe Area Affected: 10" x 20"

Cleanup Action Taken.* REPAIR NIPPLE AND BACKDRAG LOCATION. WHEN LOCATION DRIES OUT, A DETERMINATION WILL BE MADE AS TO THE NEED FOR ANY FURTHER ACTION. IF FURTHER ACTION IS DEEMED NECESSARY A FOLLOW UP REPORT WILL BE FILED. CLEAR AND CALM. NO CATTLE IN AREA.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kenneth N. Andersen</i>		OIL CONSERVATION DIVISION	
Printed Name: Stephen R. Wilson		Approved by District Supervisor:	
Title: HSE Representative		Approval Date:	Expiration Date:
Date: 04-09-03	Phone: 915-368-1374	Conditions of Approval:	Attached <input type="checkbox"/>

• Attach Additional Sheets If Necessary