AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pKJ1603948805

1RP - 4168

XTO ENERGY, INC

2/8/2016

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C- 141
Originated 2/13/97

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: Chevron USA	Contact: Dwayne Duncan
Address: 2401 Ave. O Eunice NM 88231	Telephone No. 394-1242
Facility Name: Eunice Monument South Unit	Facility Type: Well # 214 30-025-04507

Surface Owner	Mineral Owner	Lease No.
GPM		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	5	21S	36E	3300		1380		LEA

NATURE OF RELEASE

Type of Release: Oil & Prod. Water	Volume of Release: 43	Volume Recovered: 1
Source of Release: Flowline Leak	Date and Hour of Occurrence	Date and Hour of Discovery: 7-16-98 2:00pm
Was Immediate Notice Given? ☑ Yes ☐ No ☐ Not Required	If YES, To Whom? Gary Wink	
By Whom? Gary Wink	Date and Hour: 7-16-98 4:00 pm	
Was a Watercourse Reached? ☐ Yes ☑ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary) N/A

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)
2" fiberglass flowline split from debris pressing against line. Repair line. Bioremediate on-site - See attached plan.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)
70'x12' area south of crude oil & produced water discharged 6' underground from flowline. - See attached plan.

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 s' contamination that pose a threat to ground water, surface water, human health or the environment. operator of responsibility for compliance with any other federal, state, or local laws and/or regul

APPROVED

Signature: M D Duncan	Appro Distri	
Printed Name: M. D. Duncan	Approval Date: 2/8/16	Expiration Date:
Title: Production-Operation Supervisor	Conditions of Approval:	Attached ☐
Date: 7/28/98 Phone: 505-394-1242		

IRP-4160 JW

Safety & Environmental Solutions, Inc.

COPY

Chevron USA
Lea County, New Mexico
214 Leak Site

Remediation/Cleanup Work Plan

Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510

TABLE OF CONTENTS

I. Purpose

The purpose of this work plan is to propose a plan for the cleanup of the pipeline leak, which occurred, located at approximately SE/4 NW/4, Section 5, T21S, R36E in Lea County, New Mexico. The elevation is approximately 3579 feet above sea level. The leak site is situated on a relatively level site. (Vicinity Map) El Paso Natural Gas/GPM owns the land.

II. Background

A pipeline leak occurred resulting in the discharge of a small amount of oil onto the ground. After the recovery of the crude oil, the most highly contaminated soils were excavated. No evidence of prior leaks was observed on the surface.

III. Contaminant and Size of Leak

The leak in the pipeline resulted in crude oil being discharged up to six feet underground and spreading over a surface area approximately 75 feet in length and 4 feet wide in the stream pooling into an area 70 feet by 20 feet. (Site Plan) Chevron USA has received notification from the Oil Conservation Division that the crude oil in this pipeline does not have to be subjected to the Toxic Leaching Characteristic Procedure (TCLP) for toxicity. No evidence of other contaminants was observed.

IV. Vertical and Horizontal Extent of Contamination

The vertical and horizontal extent of the contamination was determined by excavation prior to cleanup using backhoe. During remediation, all samples will be collected with strict adherence to the SOPs found in **Environmental Protection Agency, 1984, Characterization of Hazardous Waste Site - A Methods Manual: Vol II.** These samples will be representative of the contamination levels and will be analyzed for the Total Petroleum Hydrocarbon, Benzene, Toluene, Ethylbenzene and Xylene content. The results will be compared to the contaminate levels specified in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993.

V. Surface Water and Waterways

The distance to the nearest surface water or waterway is in excess of 1 mile.

VI. Groundwater

The nearest water wells on record with the New Mexico State Engineer and the United States Geological Survey in Albuquerque are in excess of 1 mile away. The water level at the nearest well is at 119.36' static water level.

VII. Soil Information

The soils of the area are of the Berino-Cacique loamy fine sands association. These soils are well-drained hummocky soils and gently sloping, sandy soils that are deep to moderately deep with indurated caliche.

VIII. Action Plan

Site Characterization

Distance to Surface Water/Waterways	0 points
Distance to Well Head or Water Source	0 points
Depth to Ground Water	0 points *

*Assuming the vertical extent is no greater that 19.36 feet.

Applying the ranking criteria specified in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993 to this site results in a cleanup level of 5000 ppm TPH.

Closure

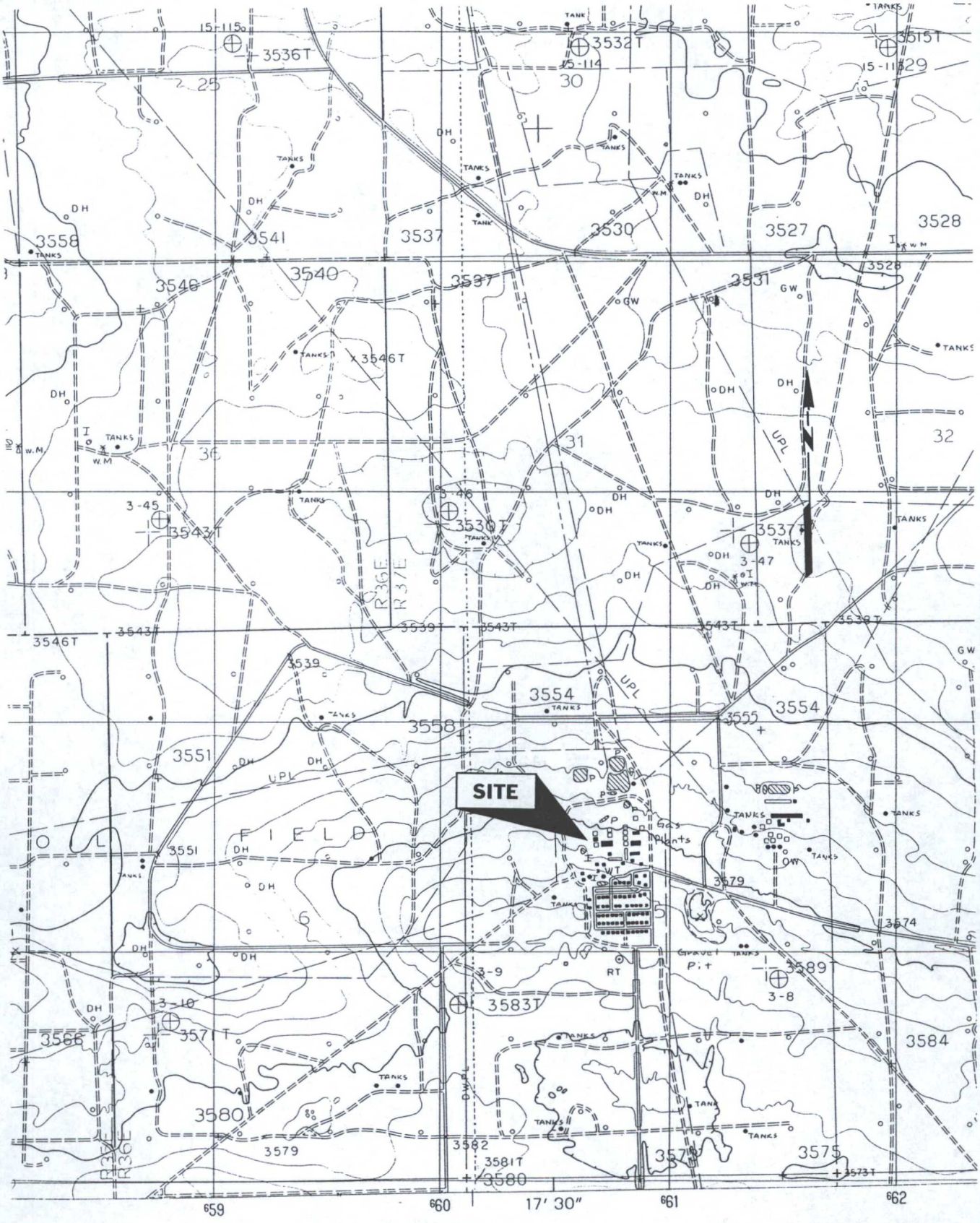
The leak site will be excavated both horizontally and vertically for the removal of contaminated soils. Field-testing will be conducted to ensure the removal of said soils to below the NMOCD requirements for TPH levels. The bottom and side of the hole will be sampled at the final excavation depths. The samples will be tested for BTEX, TPH and Chlorides with a third laboratory for confirmation of the contamination levels present. Upon receipt of these test results, the appropriate reports will be filed with the NMOCD in the closure report.

Once the results of the test samples from the final excavation are received and confirmation of the excavated area soils' results is obtained, the spoils pile will then be blended with the affected soils onsite as well as clean soils. The blended soils will be field tested to ascertain that the appropriate TPH, BTEX and Chloride levels are attained. The final field sample will also be sent to a third party laboratory for confirmation of the field test results.

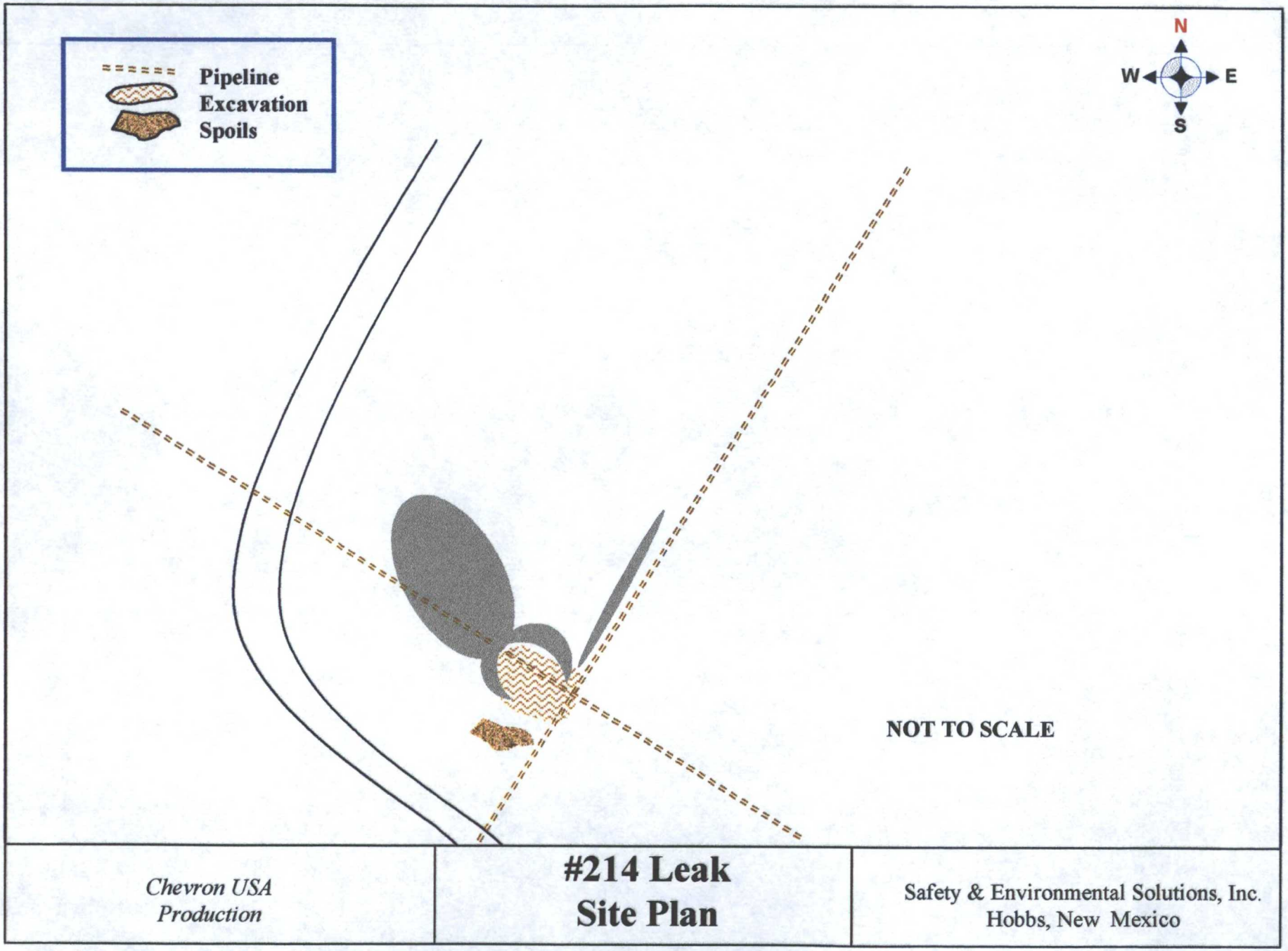
The blended soils will be backfilled into the excavation and the surface returned to its natural contour.

IX. Maps and Figures

Vicinity Map
Site Plan
Photographs

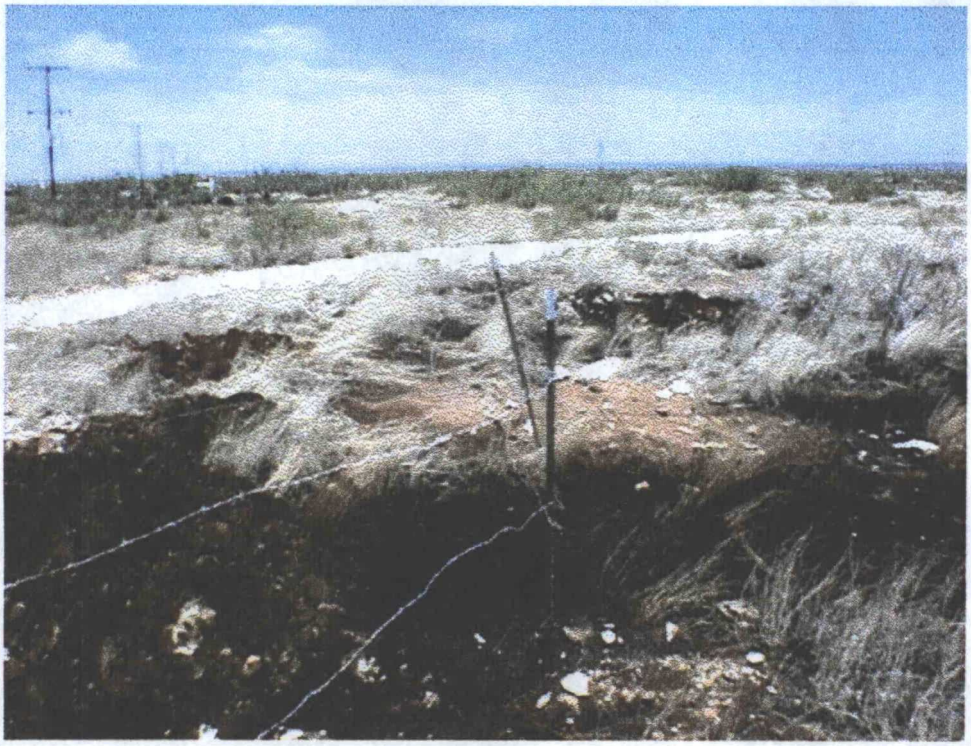


Chevron USA Production	**#214 Leak Site Vicinity Map**	*Safety & Environmental Solutions, Inc. Hobbs, NM*

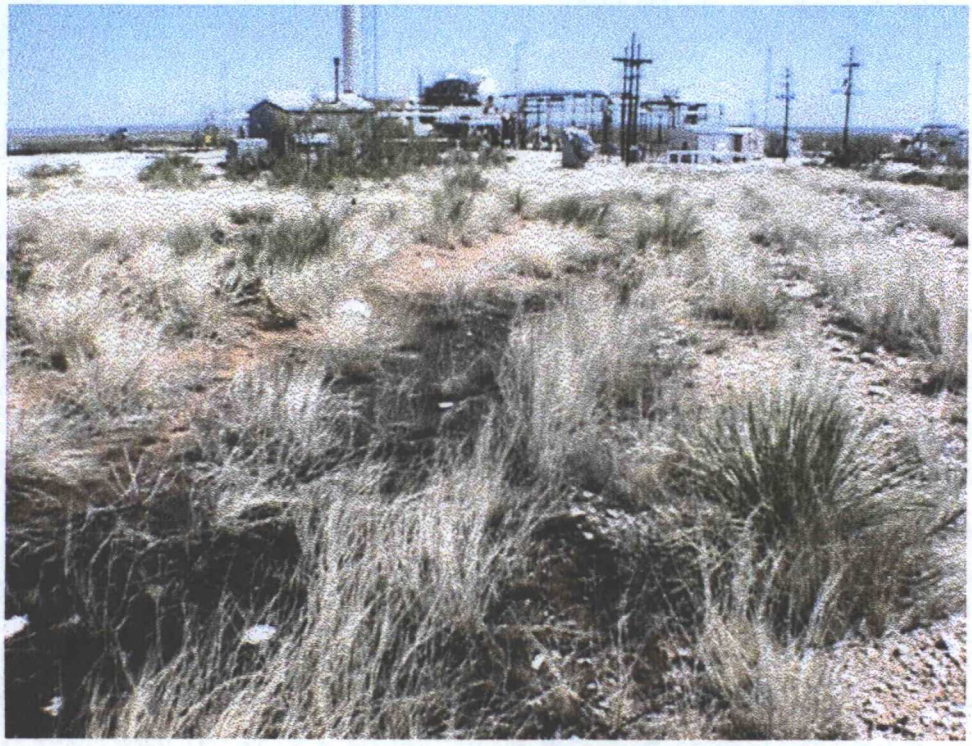


Chevron USA Production	**#214 Leak Site Plan**	Safety & Environmental Solutions, Inc. Hobbs, New Mexico

Chevron #214 Leak Site - Excavated Leak Area

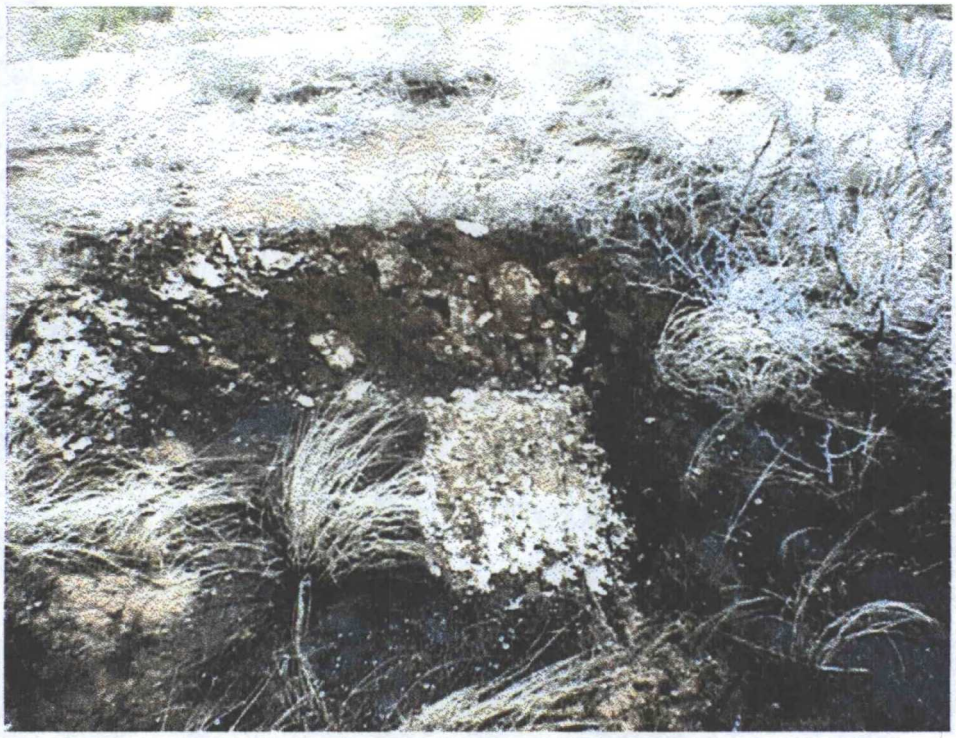


Chevron #214 Leak Site - Facing Northwest



Chevron #214 Leak Site - Facing South

Chevron #214 Leak Site - Facing Southwest



Chevron #214 Leak Site - Spill Area

Chevron #214 Leak Site - Facing Southwest