

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



FOR OGCC USE ONLY

RECEIVED

Spill report taken by:
SEP 15 02

FACILITY ID:
COGCC

SPILL/RELEASE REPORT

This report is to be submitted by the party responsible for the oil gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: Kerr-McGee Rocky Mountain Corporation

OGCC Operator No.: 47120

Address 1999 Broadway, Suite 3600

Phone Numbers
Number 303-296-3600

City Denver

State CO

Zip 80202

Fax: 303-296-1258

Contact Person Scot Donato

E-mail

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: 3/14/2002 Facility Name No.: HELIX #1

Type of Facility (well, tank battery, flow line, pit) BATTERY

Well Name and Number: HELIX #1

API Number: 050019112

Specify Volume spilled and recovered (in bbls) for the following materials:

Oil Spilled: UNK Oil Recov'd: 0 Water Spilled: 0 Water Recov'd:

Groundwater impacted? ☒ Yes ☐ No Surface Water Impacted? ☐ Yes ☒ No

Contained within berm? ☒ Yes ☐ No Area and vertical extent of spill: ~6'x12'x9' DEEP

Current land use: PASTURE

Weather conditions: WARM

oil/geology description: SANDY CLAY

IF LESS THAN A MILE, report the distance IN FEET to nearest.... surface water: wetlands: NA buildings: 150'W

livestock: UNK water wells: UNK Depth to shallowest groundwater: ~13-14'

Cause of spill (e.g. equipment failure, human error, etc.): EQUIPMENT FAILURE Detailed description of the spill/release incident:

RECENT AND HISTORIC? SPILL AROUND SEPARATOR DUMP LINES.

County: ADAMS

QtrQtr: NWNW

Section: 30

Township: 2S

Range: 64W

Meridian: 6PM

Other Spilled: 0 Other Recov'd:

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):

EXCAVATED APPROX. 50 CY SOIL TO KM LAND FARM. INSTALL 3 GROUND-WATER MONITOR WELLS (SEE FIG. 1).

Describe any emergency pits constructed: NA

How was the extent of contamination determined?:

ONSITE ASSESSMENT AND LAB SAMPLES

Further remediation activities proposed (attach separate sheet if needed):

CONTINUE SAMPLING WELLS QUARTERLY.

Describe measures taken to prevent problem from reoccurring:

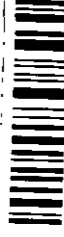
REPLACED DUMP LINES.

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT Local Emergency Planning Coordinator or other):

Date	Agency	Contact	Phone	Response
3/18/2002	COGCC	BOB CHESSON	303-8942100	LANDOWNER COMPLAINT?

Spill/Release Tracking No: 1120987



01120987

TestAmerica

INCORPORATED

ANALYTICAL REPORT

KERR MCGEE 9703
SCOTT DONATO
1999 BROADWAY, STE 3600
DENVER, CO 80202

Lab Number: 02-A47578
Sample ID: N-01
Sample Type: Soil
Site ID:

Project:
Project Name: HELIX #1
Sampler: S.D.

Date Collected: 3/19/02
Time Collected:
Date Received: 3/26/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	67.9	mg/kg	10.0	1	3/26/02	22:36	K.Phelps	8015B	7814

Sample Extraction Data

Parameter	Wt/Vol		Extracted	Extract Vol	Date	Time	Analyst	Method
	Extracted	Vol						

EPH/DRO 25.0 gm 1.0 ml 3/26/02 D. Harris 3550

Surrogate	% Recovery	Target Range
-----	-----	-----

EPH surr-o-Terphenyl 99. 50. - 150.

LABORATORY COMMENTS:

- ND - Not detected at the report limit.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

d of Sample Report.

PROJECT QUALITY CONTROL DATA

Project Number:

Page: 1

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
TPH (Diesel Range)	mg/kg	< 10.0	38.1	40.0	95	24. - 127.	7814	BLANK

UST ANALYSIS

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Diesel Range)	mg/kg	38.1	39.0	2.33	52.	7814

UST PARAMETERS

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
TPH (Diesel Range)	mg/kg	40.0	41.2	103	49 - 120	7814

UST PARAMETERS

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
TPH (Diesel Range)	< 10.0	mg/kg	7814	3/26/02	19:31

UST PARAMETERS

- Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 277308

TestAmerica

INCORPORATED

3/27/02

KERR MCGEE 9703
SCOTT DONATO
1999 BROADWAY, STE 3600
DENVER, CO 80202

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project HELIX #1. The Laboratory Project number is 277308. An executed copy of the chain of custody and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
N-01	02-A47578	3/19/02

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Gail A. Lage Report Date: 3/27/02

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director
Jennifer P. Flynn, Technical Services

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

TestAmerica
2960 Foster Creighton Drive • Nashville, TN 37204
(800) 765-0980 • (615) 726-0177 • Fax (615) 726-3404

Company Ken McGee Client Number 9703
Address Denver City SI Zip 80000
Sample Sign/Print Ken McGee Project Name HELIK #1 / Proj. # 1
Facility Location (City, St) Donut Project Manager Donut
PO Number 3052963602 /Fac./Site I.D. 3052963602 Fax Number 3052963602 Phone Number 3052963602

B.C. #

077308

Field Sample ID

N-01

SAI Lab#

02A47578

CONTAINERS

WATER

SOIL

AIR

SLUDGE

PRODUCT

OTHER

HCl

HNO₃

H₂SO₄

NaOH

ICE

UNRESERVED

OTHER (specify)

Method Preserved

Matrix

Sampling

DATE

TIME

Type G= Grab C= Composite D= Discrete

BTEX

MTBE

IPE

GRO

TPH Low

DRO

TN EPH

TPH

Oil and Grease

EDS

Purgeable Halocarbons

Purgeable Aromatics

Lead

PAH (GC, GC/MS)

PAH (HPLC)

Metals

VOA

Extractables

PCBs

Pesticides, Organochlorine

Pesticides, Organophosphorus

Herbicides

TCLP

Reactivity

Flash Point

TOC

ANALYSIS REQUEST

8B-042822

TAT

Standard ☐ 3-Day ☐ 2-Day ☒ Next Day ☐ Other: _____

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS

SAI PROJECT or QUOTE NUMBER
(to insure correct Analysis and Billing)

Temperature Received
Airbill Number

CUSTODY RECORD

Relinquished by Sampler

Relinquished by:

Relinquished by: Laboratory

Date

Date

Date

Time

Time

Time

Received by:

Received by:

Received by:

Date

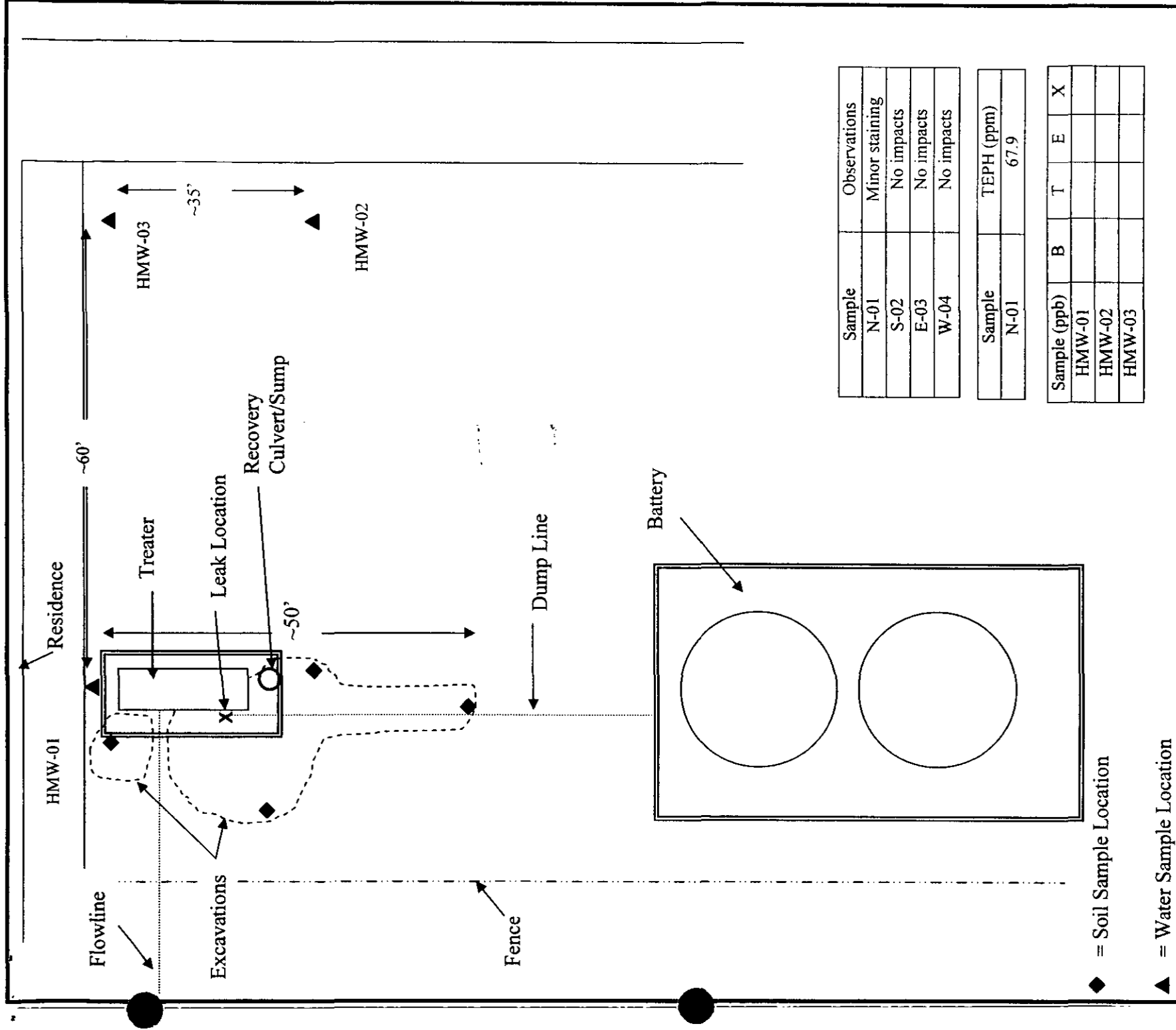
Date

Date

Time

Time

Time



Sample	Observations
N-01	Minor staining
S-02	No impacts
E-03	No impacts
W-04	No impacts

Sample	TEPH (ppm)
N-01	67.9

Sample (ppb)	B	T	E	X
HMW-01				
HMW-02				
HMW-03				

◆ = Soil Sample Location

▲ = Water Sample Location

Figure - 1 KERR MCGEE ROCKY MTN. CORP. - HELIX #1 Battery

Site Diagram

NWNW Sec30-T2S-R64W, Adams County, Colo
Revision Date: MAR. 26, 2002 Drawn by SAD

Scale is approximate.

North

