1R - 239

GENERAL CORRESPONDENCE

YEAR(S): 1995

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☑ Telephone ☐ Personal	Time 1400	Date 8/29/95

Originating Party	Other Parties
Bill Olson - Envir. Bureau	Wayne Price - OCD Hobbs

Subject

Shell Langley Salt Pipeline

Discussion

Report missing TPH analyses of bottom of excavated area

He talked with Hump Kirby (Shell). He will sample Friday and submit results when they come in.

Conclusions or Agreements

Distribution

Signed Bill Olson

TO. BILL OLSON
ALL BILL, LOOKS LIKE THIS PROJECT IS COMPLETE
5/15/95

OIL CONSERVATION DIVISION
RECEIVED
'95 AU-22 AM 8 52

Shell Pipe Line Corporation

RECEIVED
AUG 1 0 1995

Centennial Tower
PO Box 1910
Midland. TX 79702-1910

200 N. Loraine
Midland, TX 79701

Phone (915) 688-5200
FAX (915) 688-5284

8-8-95

Mr. Wayne Price
New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Subject: **CLEAN UP OF CONTAMINATED SOIL FROM SPILL LFS-10 OF 1-17-94 - LANGLEY-JAL 6" PIPELINE.**

Dear Mr. Price:

Attached please find laboratory analyses confirming the final cleanup conditions at the subject site as required by Mr. Bill Olson's letter of May 31, 1994 to our Mr. Kevin Forrest. Also attached is a tabular summary of the monthly cleanup progress and brief description of work performed. Please notice the BTEX analyses from SPL in Houston on 4-26-95 indicates that the content of volatiles was non-detectable at that time in the land farm soil as was confirmed by your headspace sample in late July of this year. Also, the analysis from Highlander Environmental indicates that the unexcavated soil has cleaned up to a level less that 100 ppm BTEX.

We recognize that we exceeded the period alloted for clean-up of this site, but, are appreciative of the extension granted as we neared the final cleanup levels.

Following re-implacement of the clean soil, we will level the area to it's normal condition and reseed with pasture grass seed as specified by Mr. Johnny Mack Owen, Landowner, Jal, New Mexico.

If any further actions or information are necessary, please contact me at 915-686-5235.

Sincerely yours,

Hamp Kerby

C. H. (Hamp) Kerby
Environmental Representative
West Texas Area - Midland

cc: JOHN SEXTON
GARY WINK

bc: L. F. Sotomayor - Manintenance Foreman - Hobbs, N. M.
N. D. Stidham - Support Engineer - Houston, Tx.

MAXIM TECHNOLOGIES INC

1703 West Industrial P.O. Box 2150 * Midland, Texas 79701 * 915/683-3349 FAX 915/686-0492

Client C.H. Kerby
Shell Pipe Line Corporation
P.O. Box 1910
Midland, TX 79702

Client No. 6784800
Report No. M5-07-122
Report Date 08/10/95 10:27

Project Langlie 6"

Phone: 915-686-5200 Fax: 915-686-5284

Date Sampled 07/25/95

Sampled By C.H. Kerby

Sample Type Soil

Transported by C.H. Kerby

P.O. # _____

Date Received 07/27/95

Lab No.	Sample Identification
M5-07-122-01	LFS-10NC
M5-07-122-02	LFS-10MC
M5-07-122-03	LFS-10SC
M5-07-122-04	Composite 10NC,10MC,10SC

ON
Reviewed By

HUNTINGDON

ALLAN B. JOHNSTON

Sample: 01A LFS-10NC Collected: 07/25/95 Category: S

Test Name	Method	Result	Units	Detection Limit	Date Started	Analyst
TOT.PET. HYDROCARBONS SOIL	EPA 418.1	1580	mg/kg	4.86	08/01/95	SLS

Sample: 02A LFS-10MC Collected: 07/25/95 Category: S

Test Name	Method	Result	Units	Detection Limit	Date Started	Analyst
TOT.PET. HYDROCARBONS SOIL	EPA 418.1	381	mg/kg	4.96	08/01/95	SLS

Sample: 03A LFS-10SC Collected: 07/25/95 Category: S

Test Name	Method	Result	Units	Detection Limit	Date Started	Analyst
TOT.PET. HYDROCARBONS SOIL	EPA 418.1	8130	mg/kg	54.1	08/01/95	SLS

Sample: 04A Composite 10NC,10MC,10SC Collected: 07/25/95 Category: S

Test Name	Method	Result	Units	Detection Limit	Date Started	Analyst
TOT.PET. HYDROCARBONS SOIL	EPA 418.1	3390	mg/kg	11.5	08/03/95	SLS

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. 70-8504562-04

Shell Pipeline Company
200 North Loraine Street
Midland, TX 79702
ATTN: Hamp Kerby

P.O.#
MESA-1312-HOE
DATE: 04/26/95

PROJECT: Lea County, New Mexico
SITE: Lea County, New Mexico
SAMPLED BY: Shell Pipeline Corporation
SAMPLE ID: LFS-10 BS

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 04/12/95 14:20:00
DATE RECEIVED: 04/17/95

ANALYTICAL DATA

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
BENZENE, TCLP	ND	100 P	ug/L
TOLUENE, TCLP	ND	100 P	ug/L
ETHYLBENZENE, TCLP	ND	100 P	ug/L
TOTAL XYLENE, TCLP	ND	100 P	ug/L
TCLP BTEX	ND		ug/L
Surrogate	**% Recovery**		
1,4-Difluorobenzene	100		
4-Bromofluorobenzene	101		
METHOD 1311/8020***			
Analyzed by: DAO			
Date: 04/20/95			
Petroleum Extractables	12000	200	mg/Kg
METHOD Mod. 418.1*			
Analyzed by: DB			
Date: 04/26/95			
Zero Headspace extraction	04/18/95		
METHOD 1311			
Analyzed by: MO			
Date: 04/18/95			

ND - Not detected. (P) - Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 17th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-9504562-02

Shell Pipeline Company
200 North Loraine Street
Midland, TX 79702
ATTN: Hamp Kerby

P.O.# MESA-1312-HOE
DATE: 04/26/95

PROJECT: Lea County, New Mexico
SITE: Lea County, New Mexico
SAMPLED BY: Shell Pipeline Corporation
SAMPLE ID: LFS-10 BN

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 04/12/95 14:10:00
DATE RECEIVED: 04/17/95

ANALYTICAL DATA

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
BENZENE, TCLP	ND	100 P	ug/L
TOLUENE, TCLP	ND	100 P	ug/L
ETHYLBENZENE, TCLP	ND	100 P	ug/L
TOTAL XYLENE, TCLP	ND	100 P	ug/L
TCLP BTEX	ND		ug/L
Surrogate	**% Recovery**		
1,4-Difluorobenzene	98		
4-Bromofluorobenzene	102		
METHOD 1311/8020***			
Analyzed by: DAO			
Date: 04/20/95			
Petroleum Extractables	11000	200	mg/Kg
METHOD Mod. 418.1*			
Analyzed by: DB			
Date: 04/26/95			
Zero Headspace extraction	04/18/95		
METHOD 1311			
Analyzed by: MO			
Date: 04/18/95			

ND - Not detected. (P) - Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 17th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-9504562-03

Shell Pipeline Company
200 North Loraine Street
Midland, TX 79702
ATTN: Hamp Kerby

P.O.#
MESA-1312-HOE
DATE: 04/26/95

PROJECT: Lea County, New Mexico
SITE: Lea County, New Mexico
SAMPLED BY: Shell Pipeline Corporation
SAMPLE ID: LFS-10 BM

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 04/12/95 14:15:00
DATE RECEIVED: 04/17/95

ANALYTICAL DATA

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
BENZENE, TCLP	ND	100 P	ug/L
TOLUENE, TCLP	ND	100 P	ug/L
ETHYLBENZENE, TCLP	ND	100 P	ug/L
TOTAL XYLENE, TCLP	ND	100 P	ug/L
TCLP BTEX	ND		ug/L
Surrogate	**% Recovery**		
1,4-Difluorobenzene	99		
4-Bromofluorobenzene	102		
METHOD 1311/8020***			
Analyzed by: DAO			
Date: 04/20/95			
Petroleum Extractables	6000	200	mg/Kg
METHOD Mod. 418.1*			
Analyzed by: DB			
Date: 04/26/95			
Zero Headspace extraction	04/18/95		
METHOD 1311			
Analyzed by: MO			
Date: 04/18/95			

ND - Not detected. (P) - Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 17th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Highlander Environmental

Midland, Texas

June 26, 1995

Hamp Kirby
Shell Pipeline
P.O. Box 1910
Midland, Texas, 79702

RE: Soil Sampling and Screening at the Shell Pipeline Leak located East of Jal, New Mexico.

Dear Mr. Kirby,

Highlander Environmental was asked by PCI Construction to screen the soil surrounding a pipeline leak on the Langlie Jal 6 lease located east of Jal, New Mexico. On June 22, 1995 Highlander personnel screened the subsurface soil using an Organic Vapor Meter (OVM) thermal Model 580B. Soil grab samples were selected from a random grid map provided to Highlander. The grid map was segregated into sections and a total of nine section were sampled at the site.

The soil grab samples were collected from a depth of 3"-6" below surface. The field screening involved of placing the soil samples into a plastic bag and allowing a short period of time for volatilization into the headspace. The OVM probe was then inserted into the plastic bags to screen the samples for organic vapor in the headspace.

The soil grab samples were collected from the south and north end of the excavation. The south end of the excavation consisted of sampling section #1, #6, #7, #10, and #13 taken from the Shell Pipeline grid map. A portion of soil from each section was placed into a bag for a composite sample of Area 1. The north end consisted of sampling section #57, #61, #68 and #81 and a sample was also composite from these sections as Area 2 composite. The sample results are summarized in the attached Table.

If you have any comments or have questions, please advise.

Sincerely,

Ike Tavarez
Geologist

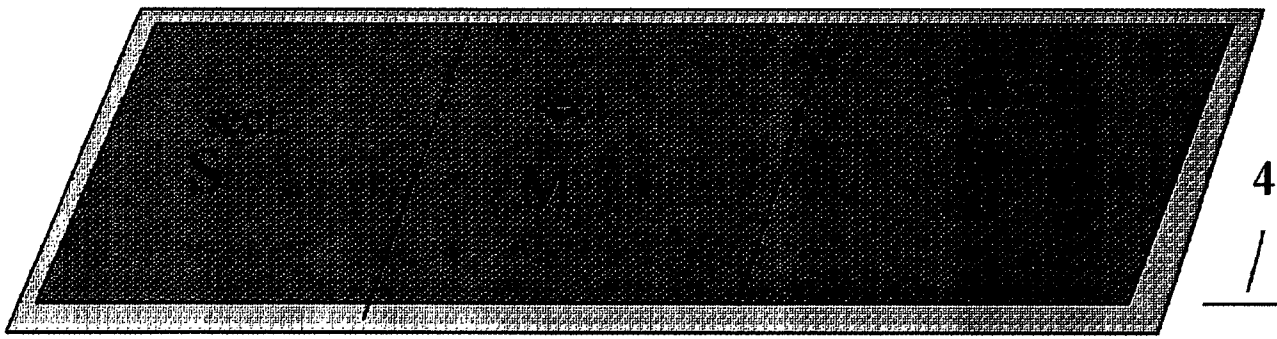
306 W. Wall • Suite 320 • Midland, Texas 79701 • (915) 682-4559 • Fax (915) 682-[illegible]

Shell Pipeline
Langlie Jal 6
Jal, New Mexico
Organic Vapor Meter Reading Results

Section	OVM (ppm)
1	14
6	2
7	126
10	24
13	35
Area 1 (Composite)	27
57	119
61	59
68	859
81	148
Area 2 (Composite)	79

Shell Pipeline Jal Langlie 6" spill site from Jan.. 1994

y:\data\powerpnt\lfs10sum



date / sect	6-28-94	10-12-94	4-26-95	7-27-95
N	18,800	15,900	11,000	1,580
M	25,400	27,500	6,000	381
S	36,000	39,500	12,000	8,130
compos.		2-2-95 soil ph test analysed at 7.83		3,390

treatment dates: p= plow w=water f=fertilize	6-22-94 setup p,w,f	8-2-94 p	9-27-94 p,w	10-7-94 w	11-30-94 p,f
	12-2-94 w	1-18-95 p rain later	3-7-95 p rain later	4-15-95 p	5-24-95 p,f rain

OIL CONSERVATION DIVISION
RECEIVED
'95 JUL 27 AM 8 52

cc: J SEXTON
G WINN
B OLSON

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION	CLASSIFICATION	FACILITY	HOURS	QUARTER HOURS

Name WAYNE PRICE Date _____ Miles _____ District I

Time of Departure 7 AM Time of Return 4 PM Car No. G 047?

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature [signature]

SHELL PIPELINE REMEDIATION LANGLEY

JAL 15-255-37E

MET SHELL REP HANK KIRBY -

TOOK COMPOSITE DIRT SAMPLE FROM

BIO-AREA

RAN PID = 0 ppm BTEX

NO OLFACTORY -

SHELL TO SAMPLE for TPH - WILL SEND

IN RESULTS

Mileage		Per Diem		Hours	
UIC		UIC		UIC	
RFA		RFA		RFA	
Other		Other		Other	

TYPE INSPECTION PERFORMED

H = Housekeeping
P = Plugging
C = Plugging Cleanup
T = Well Test
R = Repair/Workover
F = Waterflow
M = Mishap or Spill
W = Water Contamination
O = Other

INSPECTION CLASSIFICATION

U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
R = Inspections relating to Reclamation Fund Activity
O = Other - Inspections not related to injection or The Reclamation Fund
E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

D = Drilling
P = Production
I = Injection
C = Combined prod. inj. operations
S = SWD
U = Underground Storage
G = General Operation
F = Facility or location
M = Meeting
O = Other

OIL CONSERVATION DIVISION
RECEIVED

'95 MAR 15 AM 8 52

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal	Time	Date
	11:15 PM	5-11-95

Originating Party	Other Parties
HAMP KIRBY - SHELL PIPELINE	

Subject SOIL REMEDIATION SHELL LANGLEY - JAL 6" PIPELINE
REF: LETTER 5/31/94 OLSON/FORREST P-111-334-120

Discussion PROGRESS REPORT

Initial
30K ppm TPH ☐
20K ☐
10K ☐

ALL AREAS DOWN TO 5000 to 11,000 ppm TPH
PH ≈ 7.0 NOW!

Conclusions or Agreements

CC: LEFT MESSAGE FOR Hamp Kirby to CALL B OLSON
FOR EXTENSION

Distribution
CC: BILL OLSON -

Signed

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☑ Telephone ☐ Personal	Time 0810	Date 6/8/94

Originating Party	Other Parties
Kevin Forrest - Shell	Bill Olson - Envir. Bureau

Subject

Langley Jal 6" Pipeline Remediation

Discussion

Will start remediation on 6/9/94

Conclusions or Agreements

I will notify Hobbs District Office (Notified Wayne Price on 6/8/94 0830 hrs.)

Distribution

File

Signed Bill Olson