



Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202
720-929-6000 Fax 720-929-7000

April 29, 2014

Mr. Chris Canfield
Environmental Protection Specialist
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203

**Re: No Further Action Status Request
Mayer 27-7L Wellhead Release
05-123-17470
SWNE 27-T3N-R67W**

Dear Mr. Canfield:

Kerr-McGee Oil and Gas Onshore LP (Kerr-McGee) is submitting this letter report as an update to the Form 19, submitted on February 28, 2014, for the Mayer 27-7L wellhead release. We are requesting a No Further Action (NFA) status for this site.

On February 20, 2014, the tubing on the wellhead failed below the mater valve. Approximately 3 bbls of oil released onto the ground surface surrounding the wellhead and sprayed across the adjacent land. Following discovery of the release, a hot oil truck pumped produced water down the wellbore to kill the well. A workover rig was then deployed to safety prep the well. The petroleum hydrocarbon impacted soil was excavated from the release area depicted in Figure 1.

In total, approximately 400 cubic yards of petroleum hydrocarbon impacted soil were removed from the site and transported to the Front Range Landfill in Erie, Colorado for disposal. Kerr-McGee contracted LT Environmental, Inc. (LTE) to document excavation activities, collect confirmation soil samples, and interpret the laboratory analytical results.

A LTE representative met a field crew at the site on March 10, 2014, following excavation of the impacted soil. The wellhead excavation measured approximately 45 feet north-south by 35 feet east-west to a depth of 4 feet below ground surface (bgs). The spray area excavation measured approximately 160 feet north-south by 300 feet east-west to a depth of 2 inches bgs. Six confirmation soil samples (N01@3', E01@3', E02@3', S01@3', W01@3', and W02@3') were collected from the sidewalls of the wellhead excavation and two confirmation soil samples (B01@4' and B02@4') were collected from the base of the wellhead excavation. Eleven confirmation soil samples (SS01@2" through SS11@2") were collected from the base of the spray area excavation. The soil samples were submitted for laboratory analysis of total petroleum hydrocarbon (TPH) by Environmental Protection Agency (EPA) Methods 8015 and

8260B and benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8260B. The soil sample analytical results confirmed that TPH and BTEX concentrations are below Colorado Oil and Gas Conservation Commission (COGCC) allowable levels at the extent of the wellhead excavation and spray area excavation. Groundwater was not encountered in the excavations.

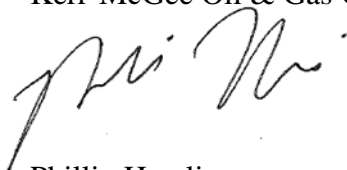
The excavation areas were backfilled with clean soil and restored to their pre-release grade. The Kerr-McGee wellhead remains at the site. The general site layout, final excavation dimensions, and soil sample locations are shown on the attached Figure 1. The soil sample analytical results are presented in Table 1 and the laboratory analytical report is attached.

The excavation soil sample analytical results confirm that TPH and BTEX concentrations are below COGCC allowable levels at the extent of the wellhead source area excavation and the spray area excavation. Based on the soil sample analytical results, Kerr-McGee is requesting NFA status for this site.

Feel free to contact me at 970-515-1161 if you have any questions regarding this information.

Sincerely,

Kerr-McGee Oil & Gas Onshore LP



Phillip Hamlin
Senior HSE Representative

Attachments

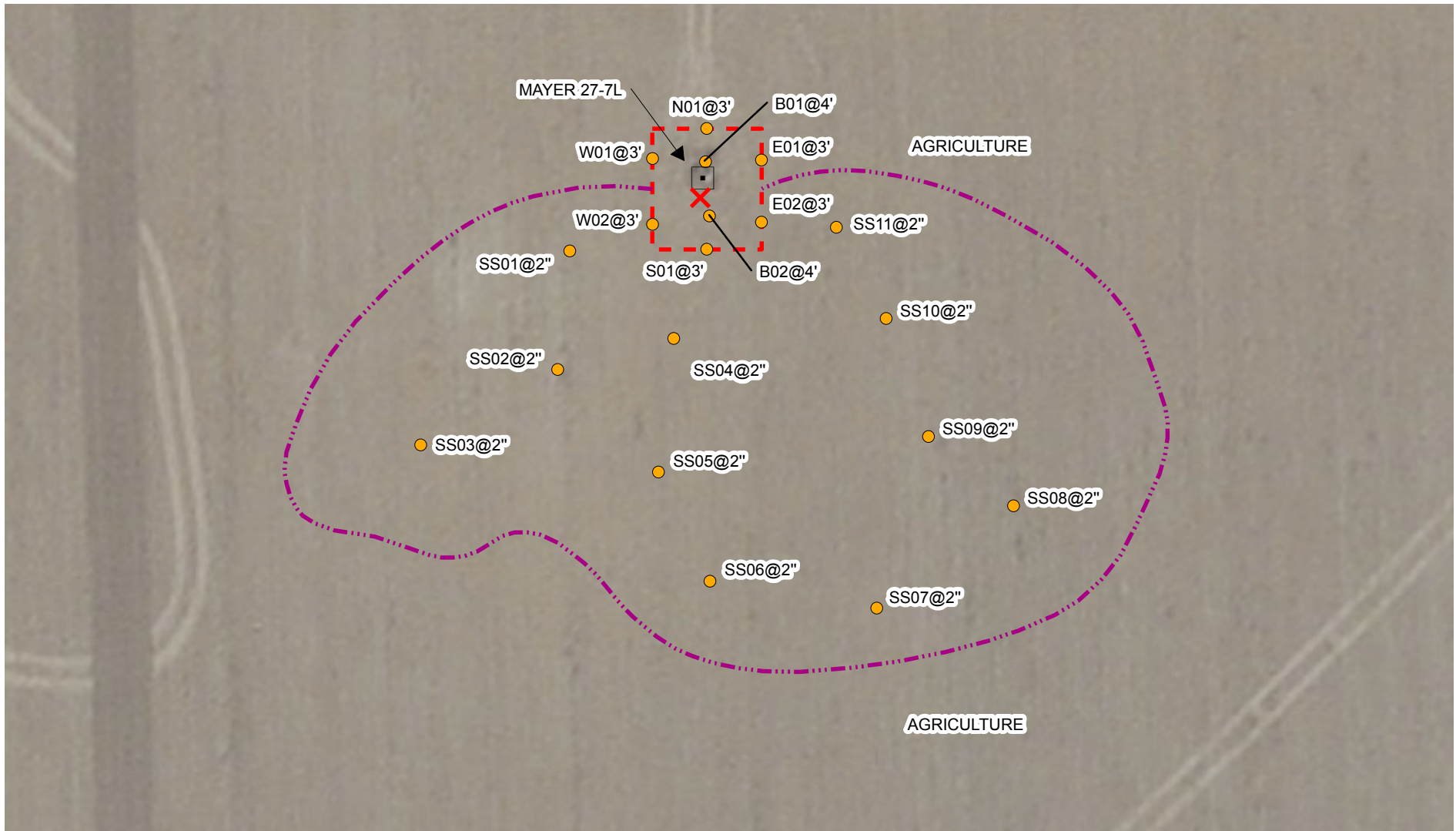







IMAGE COURTESY OF ESRI

LEGEND

-  RELEASE
-  SOIL SAMPLE
-  WELLHEAD
-  EXTENT OF SPRAY AREA EXCAVATION
-  EXTENT OF SOURCE AREA EXCAVATION

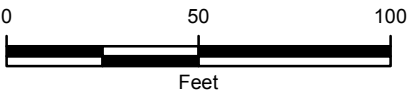


FIGURE 1
SITE MAP
MAYER 27-7L
 SWNE SEC 27-T3N-R67W
 WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
MAYER 27-7L
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP

Soil Sample ID	Depth (bgs)	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	ORO (mg/kg)
B01 @ 4'	4'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
B02 @ 4'	4'	03/10/2014	<0.01	<0.01	<0.01	0.033	<50	<50	<50
E01 @ 3'	3'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
E02 @ 3'	3'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
N01 @ 3'	3'	03/10/2014	0.021	1.06	0.361	5.21	62.1	<50	<50
S01 @ 3'	3'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
W01 @ 3'	3'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
W02 @ 3'	3'	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS01@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS02@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS03@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS04@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS05@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS06@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS07@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS08@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS09@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS10@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
SS11@2"	2"	03/10/2014	<0.01	<0.01	<0.01	<0.01	<50	<50	<50
COGCC Standards			0.17	85	100	175	500*	500*	500*

Notes: bgs - below ground surface

< - less than

DRO - Diesel Range Organics

ORO - Oil Range Organics

GRO - Gasoline Range Organics

* - Standard applies to combined DRO-GRO-ORO

mg/kg - milligrams per kilogram

NA - Not Analyzed/Not Available

Bold numbers indicate result equaled or exceeded standard.

COGCC - Colorado Oil and Gas Conservation Commission



Test Report

eANALYTICS LABORATORY

March 11, 2014

Client: LT Environmental / Anadarko
Project: Mayer 27-7L
Lab ID: 898
Date Samples Received: 3/10/2014
Number of Samples: 19
Sample Condition: Samples arrived intact and in appropriate sample containers
Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,



Christopher Dieken
Quality Assurance Manager



Todd Rhea
Laboratory Manager



Proudly certified by A2LA & The
United States Department of Defense
(DoD ELAP)

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538



Client: LT Environmental / Anadarko Lab ID: 898

Project: Mayer 27-7L

Analysis: Volatile Organics Method: EPA8260
TPH EPA8260/8015

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- benzene mg/kg	Total Xylenes mg/kg	TPH	TPH	TPH	Date Sampled	Date Analyzed	Lab ID
					GRO C6-C10 mg/kg	DRO C10-C28 mg/kg	ORO C28-C36 mg/kg			
SS01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 1
SS02	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 2
SS03	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 3
SS04	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 4
SS05	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 5
SS06	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 6
SS07	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 7
SS08	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 8
SS09	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 9
SS10	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 10
SS11	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 11
B01 @ 4'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 12
B02 @ 4'	< 0.01	< 0.01	< 0.01	0.033	< 50	< 50	< 50	03/10/14	03/10/14	898 13
E01 @ 3'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 14
E02 @ 3'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 15
S01 @ 3'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 16
W01 @ 3'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 17
W02 @ 3'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/10/14	03/10/14	898 18
N01 @ 3'	0.021	1.06	0.361	5.21	< 50	62.1	< 50	03/10/14	03/10/14	898 19



eANALYTICS
LABORATORY

Client: LT Environmental / Anadarko

Lab ID: 898

Project: Mayer 27-7L

Method: EPA8260

Sample Name	Dibromo- fluoromethane % Recovery	1,2 Dichloro- ethane-D4 % Recovery	Toluene-D8 % Recovery	Bromo- fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
SS01	103	92	93	101	03/10/14	03/10/14	898 1
SS02	101	106	109	94	03/10/14	03/10/14	898 2
SS03	95	95	111	106	03/10/14	03/10/14	898 3
SS04	94	98	92	98	03/10/14	03/10/14	898 4
SS05	95	107	95	103	03/10/14	03/10/14	898 5
SS06	89	104	98	94	03/10/14	03/10/14	898 6
SS07	94	88	99	110	03/10/14	03/10/14	898 7
SS08	105	102	100	107	03/10/14	03/10/14	898 8
SS09	103	106	93	96	03/10/14	03/10/14	898 9
SS10	95	102	106	92	03/10/14	03/10/14	898 10
SS11	94	102	109	87	03/10/14	03/10/14	898 11
B01 @ 4'	92	101	107	90	03/10/14	03/10/14	898 12
B02 @ 4'	104	87	93	110	03/10/14	03/10/14	898 13
E01 @ 3'	101	97	98	91	03/10/14	03/10/14	898 14
E02 @ 3'	104	86	111	110	03/10/14	03/10/14	898 15
S01 @ 3'	99	103	105	96	03/10/14	03/10/14	898 16
W01 @ 3'	88	99	96	103	03/10/14	03/10/14	898 17
W02 @ 3'	101	103	94	86	03/10/14	03/10/14	898 18
N01 @ 3'	97	101	92	109	03/10/14	03/10/14	898 19

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eANALYTICS
LABORATORY

Client: LT Environmental / Anadarko Lab ID: 898

Project: Mayer 27-7L

Analysis: Volatile Organics Method: EPA8260
TPH EPA8260/8015

Sample Name	Benzene % Rec	Toluene % Rec	Ethyl- benzene % Rec	Total Xylenes % Rec	TPH GRO C6-C10 % Rec	TPH DRO C10-C28 % Rec	TPH ORO C28-C36 % Rec	Date Analyzed	Lab ID	
Laboratory Control Sample (70-130%)	99	90	99	98	95	95	93	03/10/14	LCS	898 1
Method Blank	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 50 mg/kg	< 50 mg/kg	< 50 mg/kg	03/10/14	MB	898 1

eAnalytics Laboratory

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