



# FOUNDATION ENERGY MANAGEMENT, LLC

Foundation Energy Management, LLC  
16000 North Dallas Parkway, Suite 875  
Dallas, Texas 75248

March 29, 2016

Colorado Oil and Gas Corporation Commission  
1120 Lincoln Street, Suite 801  
Denver, Colorado 80203  
ATTN: Rob Young

**RE: SPILL ID# 444406**

Dear Mr. Rob Young,

Foundation Energy Management, LLC (Foundation) is submitting the sampling results for the Spill ID# 444406, Republican #4 WTS.

Below is a table that outlines what samples we took and their thresholds. Attached to this letter is the complete sampling report and a map of where the samples were taken.

Location of Sample	Depth of Sample	Tested for	Sample Taken Date	Sample Result	Table 910-1 Standard	Below Standards?
Background 1 (1366767)	0-6"	pH	3/21/2016	8.2	6-9	YES
Background 2 (1366768)	6-36"	pH	3/21/2016	8.4	6-9	YES
In fence 1 (1366769)	0-6"	pH	3/21/2016	8.3	6-9	YES
In fence 2 (1366770)	6-36"	pH	3/21/2016	8.7	6-9	YES
Out fence 1 (1366771)	0-6"	pH	3/21/2016	8.1	6-9	YES
Out fence 2 (1366772)	6-36"	pH	3/21/2016	8.1	6-9	YES
Background 1 (1366767)	0-6"	SAR	3/21/2016	0.16	< 12	YES
Background 2 (1366768)	6-36"	SAR	3/21/2016	0.18	< 12	YES
In fence 1 (1366769)	0-6"	SAR	3/21/2016	0.55	< 12	YES
In fence 2 (1366770)	6-36"	SAR	3/21/2016	5.99	< 12	YES
Out fence 1 (1366771)	0-6"	SAR	3/21/2016	0.14	< 12	YES
Out fence 2 (1366772)	6-36"	SAR	3/21/2016	0.2	< 12	YES
Background 1 (1366767)	0-6"	EC	3/21/2016	0.22	< 4 mmhos/cm or 2x Background	YES
Background 2 (1366768)	6-36"	EC	3/21/2016	0.58	< 4 mmhos/cm or 2x Background	YES
In fence 1 (1366769)	0-6"	EC	3/21/2016	0.52	< 4 mmhos/cm or 2x Background	YES
In fence 2 (1366770)	6-36"	EC	3/21/2016	0.74	< 4 mmhos/cm or 2x Background	YES
Out fence 1 (1366771)	0-6"	EC	3/21/2016	0.26	< 4 mmhos/cm or 2x Background	YES
Out fence 2 (1366772)	6-36"	EC	3/21/2016	0.58	< 4 mmhos/cm or 2x Background	YES

#### Tulsa Office

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**ENERGY MANAGEMENT, LLC**

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Dallas, Texas 75248

Please contact me at (918) 526-5591 or [cohair@foundationenergy.com](mailto:cohair@foundationenergy.com) if you have any questions.

Regards,

Caitlin O'Hair  
HSE/Regulatory Tech

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**Corporate Office**

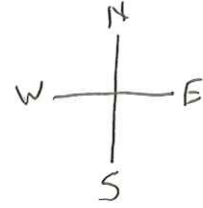
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**Denver Office**

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# Republican Transfer #4



## Background

(40.080388, -102.420933)

(40.080317, -102.420988)

Out  
Fence

In  
Fence

(40.080257, -102.420971)

