

State of Colorado  
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

**RECEIVED**  
**1/7/2014**

**SPILL/RELEASE REPORT**

This form is to be submitted by the party responsible for the oil and 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

Spill report taken by:

FACILITY ID:

**OPERATOR INFORMATION**

Name of Operator: <u>Noble Energy</u>	OGCC Operator No: <u>100322</u>	Phone Numbers
Address: <u>1625 Broadway Suite 2200</u>		No: <u>(303) 228-4000</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>		Fax: _____
Contact Person: <u>Asher Weinberg</u>		Email: <u>aweinberg@nobleenergyinc.com</u>

**DESCRIPTION OF SPILL OR RELEASE**

Date of Incident: <u>12/30/13</u> Facility Name & No: <u>Ramos-68S96W</u>	County: <u>Garfield</u>
Type of Facility (well, tank battery, flow line, pit): <u>Produced Water Pit</u>	QtrQtr: <u>NESW</u> Section: <u>1</u>
Well Name and Number: _____	Township: <u>8S</u> Range: <u>96W</u>
API Number: <u>Facility ID: 334104</u>	Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials:	
Oil spilled: _____ Oil recov'd: _____ Water spilled: <u>Unk</u> Water recov'd: _____ Other spilled: _____ Other recov'd: _____	
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contained within berm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Area and vertical extent of spill: <u>TBD</u> x _____
Current land use: <u>Rangeland (upgradient), irrigated (downgradient)</u>	Weather conditions: <u>NA</u>
Soil/geology description: <u>Potts Loam, 6-12% slopes</u>	
<b>IF LESS THAN A MILE</b> , report distance <b>IN FEET</b> to nearest ... Surface water: <u>1239 S</u> Wetlands: <u>Unk</u> Buildings: <u>988 W</u>	
Livestock: <u>Unk</u> Water wells: <u>988 W</u> Depth to shallowest ground water: <u>&gt; 80</u>	
Cause of spill (e.g. equipment failure, human error, etc.): <u>Historic- Unknown</u> Detailed description of the spill/release incident:	
A site investigation was conducted within the former lined produced water at the Cass Garber 1K facility. The produced water pit was closed in 2009 and the depth was approximately 15 feet (ft.) below ground surface (bgs). Five borings were advanced and soil samples were collected at depths ranging from 10 ft. to 22 ft. bgs. Soil samples from each boring were submitted to a laboratory for analysis of all analytes listed in COGCC Table 910-1. Laboratory results indicate arsenic, EC, pH, SAR, benzene and TPH exceed Table 910-1 concentration levels.	

**CORRECTIVE ACTION**

Describe immediate response (how stopped, contained and recovered): A Form 27 Remediation Workplan addressing soil impacts will be submitted to the COGCC.

Describe any emergency pits constructed: None

How was the extent of contamination determined? TBD

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

Describe measures taken to prevent problem from reoccurring: NA

**OTHER NOTIFICATIONS**

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

Date	Agency	Contact	Phone	Response
12/30/2013	COGCC	Carlos Lujan	(970) 625-2497	Left Message
12/30/2013	COGCC	Alex Fischer	(303) 824-2100	Left Message
12/30/2013	Garfield County	Kirby Wynn	(970) 625-5905	Left Message
1/7/2013	Landowner	Robert Ramos	On File w/ Noble	Notified of Release/Site Investigation/Remediation

Spill/Release Tracking No: **2147394**

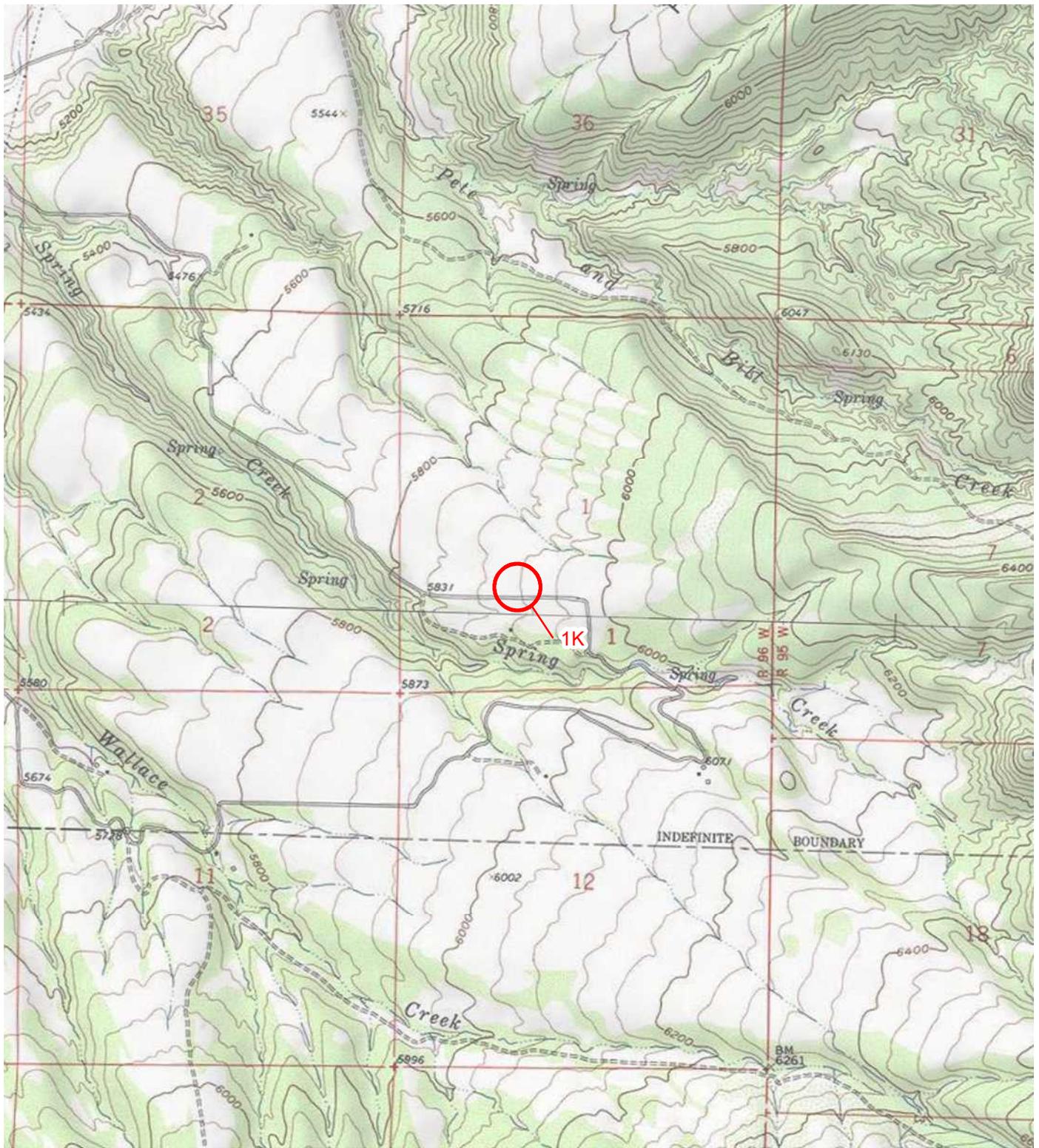
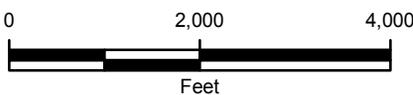


IMAGE COURTESY OF ESRI/USGS

**LEGEND**

 SITE LOCATION



**FIGURE 1**  
**SITE LOCATION MAP**  
**1K**  
**GARFIELD COUNTY, COLORADO**

**NOBLE ENERGY, INC**

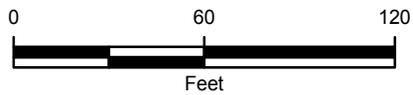




IMAGE COURTESY OF ESRI/BING MAPS

**LEGEND**

- SOIL SAMPLE
- ▲ BACKGROUND SAMPLE
- PIT BOUNDARY



**FIGURE 2**  
**SITE MAP**  
**1K**  
**GARFIELD COUNTY, COLORADO**  
  
**NOBLE ENERGY, INC**

