



June 08, 2009
Mr. Scott Rose
Samson Resources Company
Two West 2nd Street
Tulsa, OK 74103

Doc #1733379 Spill#200204999

RE: Soil Investigation Results
Gore GU A#15-1 (API #05-067-07900)
La Plata County, Colorado

Dear Mr. Rose:

LT Environmental, Inc. (LTE) is pleased to provide Samson Resources Company (Samson) with this letter summarizing the results of the follow-up soil investigation activities conducted at the Gore GU A#15-1 (API #05-067-07900) production well site (Site) on May 27, 2009. LTE conducted the initial investigation in response to a release of produced water that overflowed a pit at the Site. A follow-up investigation was performed at the request of Samson after excavation of the impacted soil at the Site had been completed.

SOIL SAMPLING

On May 27, 2009, LTE collected one composite soil sample for comparison to previous samples collected in the impacted area. The soil sample [labeled "Gore 15-1 Pit (Composite)"] was collected from the four walls and the base of the pit located on the Site production pad (Figure 1).

The soil sample was placed in a clean Teflon-lined glass jar and stored in a cooler with ice in the field. The sample was submitted to Cardinal Laboratories of Hobbs, New Mexico for the analysis of Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) using EPA modified Method 8015.

RESULTS

Laboratory analytical results for the Pit sample indicate DRO was detected at a concentration of 175 milligrams per kilogram (mg/kg). GRO was reported at less than 10 mg/kg. Table 1 presents the soil analytical results. The laboratory analytical report is included as Attachment 1.

LTE appreciates the opportunity to provide environmental services to Samson. If you have any questions regarding this report or would like additional information, please contact us at (970) 884-5215.



Sincerely,

LT ENVIRONMENTAL, INC.

A handwritten signature in black ink that reads "Travis Laverty". The signature is written in a cursive, flowing style.

Travis Laverty
Staff Geologist

A handwritten signature in black ink that reads "John D. Peterson". The signature is written in a cursive, flowing style.

John D. Peterson, P.G.
Principal/Senior Geologist

Attachments (1)

ATTACHMENT 1
LABORATORY ANALYTICAL REPORT

