

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Thursday, April 05, 2012 3:31 PM
To: 'john@hungry-horse.com'
Subject: RE: Federal F Battery

Reference: Linn Energy * Federal F 1 * 30-015-05655 * A-31-18s-31e * Eddy County, New Mexico
Date of release (unauthorized dump) 11/2/11 * OCD Tracking: 2RP-955

John,

Your request to backfill excavations at the above referenced site is approved. As per our phone conversation, it is OCD's understanding that BLM has approved your backfill request for this site. Please forward that approval to me at your earliest convenience.

OCD approval does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
575-748-1283 Ext. 108
575-626-0857
mike.bratcher@state.nm.us

From: john@hungry-horse.com [<mailto:john@hungry-horse.com>]
Sent: Thursday, March 22, 2012 10:34 AM
To: Bratcher, Mike, EMNRD
Subject: FW: Federal F Battery

Mike, I appoligize for this not being sent to you the first time. Here are the labs and work plan or this location.

-----Original Message-----

From: john@hungry-horse.com
Sent: Friday, March 16, 2012 10:29am
To: "Gregston, Terry G" <tgregsto@blm.gov>, dhomier@linenergy.com, whenson@linenergy.com
Subject: Federal F Battery

Here are the lab results from the delineation as well as a sketch and work plan. I have submitted my request for work to be done. Let me know what you think. Thanks

May your day be blessed

John Able
Hungry Horse LLC

Bratcher, Mike, EMNRD

From: john@hungry-horse.com
Sent: Tuesday, March 27, 2012 3:16 PM
To: Bratcher, Mike, EMNRD
Subject: follow up

Mike, I sent you a couple of Emails in regards to two jobs I am working on. The two sites are the Federal F Battery and the Turner A#55 both for Linn Energy. I apologize for the delay and missing you the first time I sent the plans out. When you get a chance, let me know what you think and I will get started.

May Your Day Be Blessed

John Abl
Hungry Horse LLC
575-631-0983

Bratcher, Mike, EMNRD

From: john@hungry-horse.com
Sent: Thursday, March 22, 2012 10:34 AM
To: Bratcher, Mike, EMNRD
Subject: FW: Federal F Battery
Attachments: Delineation Labs.pdf; FEDERAL E BATT PIC.png; Work Plan Fed E Batt.doc; surface testHHE.pdf

Mike, I appologize for this not being sent to you the first time. Here are the labs and work plan or this location.

-----Original Message-----

From: john@hungry-horse.com
Sent: Friday, March 16, 2012 10:29am
To: "Gregston, Terry G" <tgregsto@blm.gov>, dhomier@lennenergy.com, whenson@lennenergy.com
Subject: Federal F Battery

Here are the lab results from the delineation as well as a sketch and work plan. I have submitted my request for work to be done. Let me know what you think. Thanks

May your day be blessed

John Able
Hungry Horse LLC

March 1, 2012

To: Terry Gregston, BLM/ Walter Henson Linn Energy/Danny Homier Linn Energy
Reference: Remediation Work Plan
Operator: Linn Energy
Location: Fed F Battery
NMLC 062085
Legals: T- 18S, R-31 E, Sec.31

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Background Information

This release occurred when a water hauler dumped an unknown amount of produced water onto the road/location near this location. It is uncertain how much water was released. The water ran down the road and exited onto the pasture next to the road to the south. The location is 1 mile west of CR 222 on Grubbs Rd and 100yds south.

(GPS- 32.70903477 -103.90272113)

This is an active battery site although the battery is not directly connected with this spill. Depth to water is between 150 and 200 feet according to the Eddy County Depth to Ground Water Map.

The site ranking score for this site 0 based upon the following information:

Depth to Groundwater	>100'
Distance to Surface Body of Water	>1000'
Wellhead Protection Area	>1000'

Current Work Completed

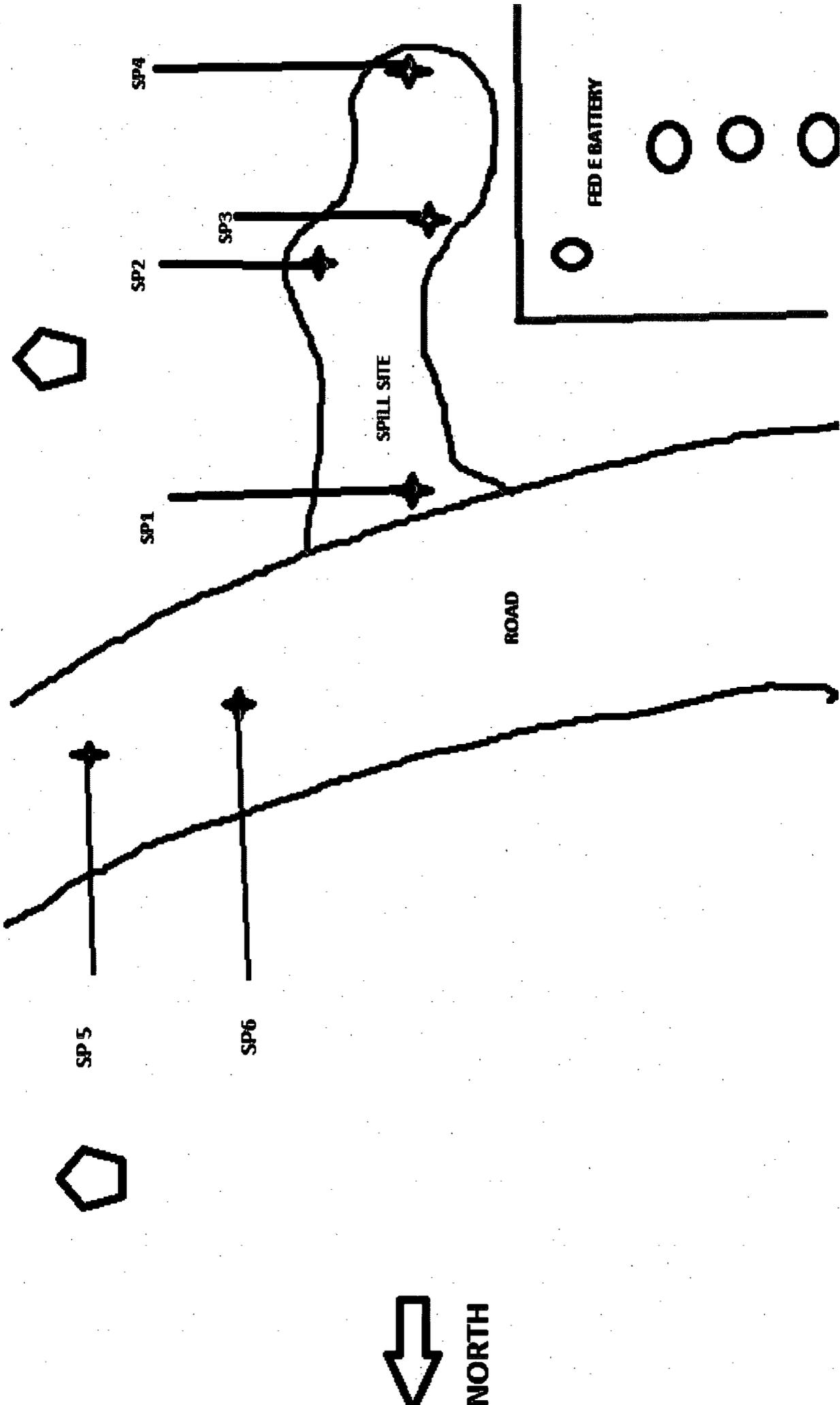
We have performed a vertical delineation of this spill and have found that in the area off of the cliché road a rock shelf has been reached at a depth of 2 ½ feet. This rock shelf appears to be blow the entire spill site area. We have attempted a delineation of the road as well and again hit this rock shelf at the same depth. The chloride levels are higher at the depth of the rock than at surface level. It is possible the chlorides have settled on top of this shelf of rock and have not gone any deeper. The horizontal area of this spill has been mapped out and found to mostly remain on the road itself with some area south of the road being contaminated. This area measures approximately 50' X 50'. This is a sandy soil on a flat plane and no contour of the land.

Remediation Work Plan Proposal

The proposed remediation work plan is to excavate the affected area down to the rock shelf which is at 2 ½ feet. We would like to have BLM check the integrity of the rock shelf to assure the chlorides have stopped. If BLM approves the rock shelf, we would like to back fill with a good soil as to assure vegetative growth, and reseed the spill area with an approved BLM seed. With regards to the road, the chloride levels are below the 1000 PPM levels which the BLM requires. With the road also being part of a well location, we would like to request of the BLM to allow the road to be left alone at this time due to the location cleanup which will be required at the time of closure of the well.

Sincerely,

John Able
Hungry Horse, LLC
Hobbs, NM
575 631 0983 cell
575 393 3386 office



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