

Longfellow Energy, LP  
State 20B Battery – Release 11-04-2018  
32.824229°N, -104.089222°W

### **Form C-141 Supplement**

The following additional assessment data is being provided as requested on page 2 of the NMOCD's new Form C-141 (rev. 09-2018) - *Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date.*

On behalf of Longfellow Energy, Sport Environmental Services, LLC (environmental consultant) performed additional assessment efforts at the release site on 11-12-2018. Attached please find a Release Impact Area Map that was generated with Garmin GPSMap 64st. The visual surface impact area was calculated to be 3,958 sq. ft. (0.1 acres). Please refer to **Attachment A**.

Geo-tagged site photographs were also obtained of the release site on 11-12-2018. These images will provide a better understanding of the site and demonstrates the full containment of the release within secondary containment. Please refer to **Attachment B**.

In addition, a groundwater depth determination has been performed. NMSOE documentation is included herein. Please refer to **Attachment C**.

Finally, initial site characterization was performed solely for the purpose of determining initial contamination concentrations at the release site. We are currently awaiting analytical results from the lab.

Longfellow Energy, LP  
State 20B Battery – Release 11-04-2018  
32.824229°N, -104.089222°W

**Form C-141 Supplement**

**Attachment A**

## Longfellow Energy, LP - State 20B Release

Site Visit Date: 11/12/2018

Location: 32.824229 , -104.089222

### Legend

⊙ Sample Points - 5pt. Composite

■ State 20B Release Area - 3,958 sqft / 0.1 acre



Longfellow Energy, LP  
State 20B Battery – Release 11-04-2018  
32.824229°N, -104.089222°W

**Form C-141 Supplement**

**Attachment B**



DIRECTION  
208 deg(T)

32.82437°N  
104.08909°W

ACCURACY 8 m  
DATUM WGS84



2018-11-12  
08:02:57-06:00



DIRECTION  
224 deg(T)

32.82433°N  
104.08908°W

ACCURACY 8 m  
DATUM WGS84



2018-11-12  
08:03:09-06:00



DIRECTION  
261 deg(T)

32.82432°N  
104.08906°W

ACCURACY 8 m  
DATUM WGS84



2018-11-12  
08:03:16-06:00



DIRECTION  
266 deg(T)

32.82424°N  
104.08906°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:03:24-06:00



DIRECTION  
296 deg(T)

32.82418°N  
104.08906°W

ACCURACY 4 m  
DATUM WGS84



2018-11-12  
08:03:37-06:00



DIRECTION  
56 deg(T)

32.82416°N  
104.08928°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:04:01-06:00



DIRECTION  
69 deg(T)

32.82419°N  
104.08938°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:04:16-06:00



DIRECTION  
109 deg(T)

32.82426°N  
104.08939°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:04:28-06:00





DIRECTION  
131 deg(T)

32.82429°N  
104.08940°W

ACCURACY 4 m  
DATUM WGS84



LF LONGFELLOW ENERGY, LP  
1-866-435-4011

STATE "20B" and STATE "20E"

UNIT A, SEC. 20-T17S-R29E

CAUTION  
POISON  
GAS.

2018-11-12  
08:04:37-06:00



DIRECTION  
147 deg(T)

32.82435°N  
104.08941°W

ACCURACY 4 m  
DATUM WGS84



2018-11-12  
08:04:47-06:00



DIRECTION  
127 deg(T)

32.82435°N  
104.08941°W

ACCURACY 4 m  
DATUM WGS84



2018-11-12  
08:04:51-06:00



DIRECTION  
150 deg(T)

32.82442°N  
104.08937°W

ACCURACY 4 m  
DATUM WGS84



2018-11-12  
08:05:03-06:00



DIRECTION  
138 deg(T)

32.82439°N  
104.08934°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:05:15-06:00



DIRECTION  
137 deg(T)

32.82437°N  
104.08925°W

ACCURACY 6 m  
DATUM WGS84



2018-11-12  
08:05:25-06:00



Longfellow Energy, LP  
State 20B Battery – Release 11-04-2018  
32.824229°N, -104.089222°W

**Form C-141 Supplement**

**Attachment C**



**Longfellow Energy, LP - State 20B and 20E**

Water Well ID	Lat	Long	Distance from Release (miles)	Drilled Date	DTW (ft)
RA 11807 POD 1	32.818805	-104.066750	1.36	11/26/12	76

\* Query date - 11/08/2018



# New Mexico Office of the State Engineer

## Wells with Well Log Information

(A CLW#### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	Subbasin	County	Source	6416 4	Sec	Tw	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number		
RA 11807 POD1		RA	ED	Shallow	1	2	3	22	17S	29E	587360	3631585	2184	11/23/2012	11/26/2012	03/26/2013	131	76	TAYLOR, CLINTON E.	1348

**Record Count:** 1

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 585256.51

**Northing (Y):** 3632177

**Radius:** 4828

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/8/18 10:51 AM

WELLS WITH WELL LOG INFORMATION






# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
RA 11807	POD1	1 2 3	22	17S	29E	587360	3631585 

**Driller License:** 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

**Driller Name:** TAYLOR, CLINTON E.

<b>Drill Start Date:</b> 11/23/2012	<b>Drill Finish Date:</b> 11/26/2012	<b>Plug Date:</b>
<b>Log File Date:</b> 03/26/2013	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 4 GPM
<b>Casing Size:</b> 4.50	<b>Depth Well:</b> 131 feet	<b>Depth Water:</b> 76 feet

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	104	128	Other/Unknown

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	91	131

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.