

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.

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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



Google Earth

100 ft



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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



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

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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

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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)

Well Tag **POD Number** **Q64 Q16 Q4 Sec Tws Rng** **X** **Y**
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.

Drill Start Date: 11/23/2012 **Drill Finish Date:** 11/26/2012 **Plug Date:**

Log File Date: 03/26/2013 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 4 GPM

Casing Size: 4.50 **Depth Well:** 131 feet **Depth Water:** 76 feet

Water Bearing Stratifications: **Top** **Bottom** **Description**
104 128 Other/Unknown

Casing Perforations: **Top** **Bottom**
91 131

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