11:50 AM I arrive on property.
12:05 PM At central location, Mike Goodman & Conner Miskin (EMI) are here. Casey Kellett (Santu) is also here. Writer will crew is here.
12:25 AM Crew taking lunch after unloading and setting up. I am reviewing SSC plan. #6 SW project details with Conner and Michelle.
12:30 PM #1 of MW-1 location looking south. Flag marks proposed location.
#2 looks north from MW-1 location.
#3 looks west.
#4 looks east.
#5 looks south.
12:40 PM #5 of former operational area looking east.
#6 looks north.
#7 looks south.
12:45 PM #6 of northern portion of operation area looking west.
12:46 PM #9 of southern location, year old wellhead area, looking south. Flag marks proposed location.
12:49 PM #10 of proposed MW-4 location, in former tank battery. Flag in ground.
12:51 PM #11 of former tank battery area looking east standing on western rim. Beam located around former tank battery. Beam height 2-3'. Smaller beam located around production area.
12:56 PM #12 of east side of property from eastern edge of gravel pad looking east.
#13 looking south.
#14 looking north.
1:05 PM #15 of geoburb rig, looking north.

David S. 9/7/21
1305 Pm of gravel road coming into former production facility looking west at entrance. Noticed cow manure & field around area looks like cattle have used.

1315 Drill crew has just come back from lunch. Michael to show drillers Nw-1 location.

1335 Just pushed Nw-1 0-4' location.

1410 Farmers just came by & he asked if he could let cattle on property. He said he was going to spray property with Roundup by plane tomorrow to east of.

1422 @ 17 of 0-16' Nw-1 soil cores. Top in bottom right of photo. Bottom top left side of photo.

1430 @ 18 of Nw-2 location looking N.

1435 @ 20 of Nw-2 proposed location looking north. Flag marks location, @ 24" looking north.

1451 @ 22 of Nw-1 looking south.

1455 Driller setting up on Nw-2.

1505 Driller just started advancing Nw-2 boring.

1510 @ 23 of west side of former production area looking north. Cold bear around area 3' about 5' south in grade.

1512 @ 24 of bear along north side of production facility looking west.

1515 @ 25 of bear on south side of former tank battery looking east.

@ 26 of bear on west side of former tank battery looking north.
November 20th

HE Dead Estate

Vinton, LA

Former Neuman Prod. Facility 0494289

1552 @ 27 of Mar. 2 soil borings

Top in upper left corner of photo. Bottom in lower right.

1600 I left work area.

1613 @ 28 of estrau gate on my way offsite. Looking north.

DAD & Top 9/7/26
0923 Arrive on site for ERM investigation
Start marking locations for GPRS

0940 Justin soil bor from GPRS on site
Connor Matheny with ERM on site

0945 Site safety meeting
Justin to use EM locator to pick up
passive signals in overgrown areas and
the magnetometer to locate pipes.
Will use GPR in clear areas.

1045 Bronson Depriit & Rafael Garcia
With WHE on site
Jacob Stockdale with rig on the
way here.

1103 Duane Piranio & Cory Hebert on site
With Southland environmental

1130 Jacob Stockdale on site with rig
Duane Piranio offshore.
Site safety meeting & review HASP
and JHA.

1145 Dave Angle on site to review SSC plan
1200 WHE unloading, Dave Angle signing HASP
and doing SSC Audit

1223 WHE offshore for lunch
Site walk with Dave Angle
Michael Goodman 9-7-21
Location: Sulphur, LA  
Date: 9-7-21  

Project/Client: Neuman 0494259  

Michael Goodman  
Worn, Suny

1555 Mw-2 1" PVC 3.25" borehole

\[\text{Grout Bentonite Chips} \]  
\[13' Sand\]  
\[8-13' Screen\]

1605 WHE try to set well but the equipment pulled up the PVC well. Have to re-drill to TD and put the well in.

Dave Angie off-site

1625 Finish installing at Mw-2

1635 Set up on Mw-3

@1700 Start logging Mw-3

1730 Finish logging Mw-3

Setting well at 8-13'

Screen 8-13'  
1" PVC  
Sand

Surface completions & grout to happen tomorrow
Pack up, meet at 730 tomorrow

1651 off-site  

Michael Goodman


---

Location: Sulphur, LA  
Date: 9-8-21  

Project/Client: Neuman 0494259  

Michael Goodman  
Sunny Clear

0735 On site:

- Bronson
- Rafael
- Jacob
- Connor M.
- Michael G.
- Cory Hebert - Southland Env.

Site Safety Meeting

0750 Patrick Ritchie  

- ERM
- Jake
- Luther Holloway
- Cleve Hardflower - Southland

On site for root zone study

0810 WHE set up and start drilling at Mw-4 (Family SE=sb228)

0840 Start logging Mw-4,  

Finish at 11a.  
Setting screen at 9-14'

Screen 9-14'  
Bentonite Pellets 7-4  
Sand 14-7

Michael Goodman 9-8-21
09:25 Finish setting MW-4
09:28 Mob to SS-2 and drill 1 4 ft. push.
09:40 Log SS-2, Sample 0-1, 1-2, 2-3 for 2A+B salts & % moisture.
Cory Hebert with Southland Environmental splitting samples
09:40 0-1' (SS-2)
09:42 SS-2 1-2'
09:44 SS-2 2-3'
09:55 WHE Mob to B-7R and set up for EC probe. Using FL6000 series.
Manufactured by Geoprobe Systems

<table>
<thead>
<tr>
<th>Depth</th>
<th>EC ms/m</th>
<th>Depth</th>
<th>EC ms/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>85</td>
<td>14.0</td>
<td>270</td>
</tr>
<tr>
<td>2.0</td>
<td>115</td>
<td>150</td>
<td>228</td>
</tr>
<tr>
<td>3.0</td>
<td>150</td>
<td>160</td>
<td>250</td>
</tr>
<tr>
<td>4.0</td>
<td>156</td>
<td>17.0</td>
<td>0.50</td>
</tr>
<tr>
<td>5.0</td>
<td>153</td>
<td>19.0</td>
<td>0.42</td>
</tr>
<tr>
<td>6.0</td>
<td>55</td>
<td>19.0</td>
<td>0.44</td>
</tr>
<tr>
<td>10.0</td>
<td>115</td>
<td>20.0</td>
<td>0.54</td>
</tr>
<tr>
<td>11.0</td>
<td>260</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.0</td>
<td>335</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.0</td>
<td>319</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Michael Goodman 9-8-21
<table>
<thead>
<tr>
<th>Depth</th>
<th>EC mS/m</th>
<th>Depth</th>
<th>EC</th>
<th>Depth</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>203</td>
<td>10.0</td>
<td>82</td>
<td>19.0</td>
<td>265</td>
</tr>
<tr>
<td>2.0</td>
<td>247</td>
<td>11.0</td>
<td>130</td>
<td>20.0</td>
<td>287</td>
</tr>
<tr>
<td>3.0</td>
<td>214</td>
<td>12.0</td>
<td>155</td>
<td>21.0</td>
<td>289</td>
</tr>
<tr>
<td>4.0</td>
<td>210</td>
<td>13.0</td>
<td>138</td>
<td>22.0</td>
<td>304</td>
</tr>
<tr>
<td>5.0</td>
<td>203</td>
<td>14.0</td>
<td>134</td>
<td>23.0</td>
<td>162</td>
</tr>
<tr>
<td>6.0</td>
<td>195</td>
<td>15.0</td>
<td>168</td>
<td>24.0</td>
<td>170</td>
</tr>
<tr>
<td>7.0</td>
<td>146</td>
<td>16.0</td>
<td>210</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.0</td>
<td>181</td>
<td>17.0</td>
<td>255</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.0</td>
<td>126</td>
<td>18.0</td>
<td>267</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Michael Goodman 9-8-21
Arrive on site
Cory Webert with Southland En on site
Cody Mathews with ERM on site
Site safety meeting
Jacob S with late on site

Set up on MW-4, to purge (9-14')
DTW 4.02' btec TD 14.8' btec
*These measurements are taken before
the PVC pipe is cut to its final
height *

Pump on Stickup has not been
Cut yet, so these depths are relative

0850 Pump on
Time Vol temp DO mlO Cld ORP Turb DTW
0851 0.0 254 3.57 1021 6.28 1019 4.75 —
0854 0.5 246 — 1011 5.94 9.93 1.17 5.61
0857 1.0 245 4.7 875 5.88 882 7.86 5.83
0901 1.5 246 6.31 910 5.85 830 3.93 5.84
0906 2.0 246 8.4 881 5.84 820 2.80 5.85
0913 2.5 246 0.31 882 5.83 780 2.1 5.89
0918 3.0 246 0.25 878 5.82 788 2.33 5.89
0919 Pump off.

Brazen & Rabie on site well completion equipment
0850 Surveys on site (Mojeaux)
0925 Pack up at MW-1, going to sample later.
0942 At MW-2, setting up for development.

DTW
This well has been cut.
No blockage/Refusal at 4 ft btec Sand
was filled in the well. Brazen said it
needs to be redrilled

1004 At MW-3 for development
DTW 1.85' TD 13.5' btec
Flush mounted, no surface completion yet

Michael Goodman 9.9.21
1011 Pump on
Time Vol Temp DO Cond PH ORP Turb DTW
1012 0.0 24.5 692 751 669 150.7 517
1015 0.6 25.0 2.94 738 660 142.2 872 10.41
1020 1.0 24.2 2.26 710 649 110.8 81.1 10.29
1026 1.5 24.1 1.47 640 6.32 81.6 53.6 11.42
1029 1.75 24.6 1.82 639 6.36 79.1 261 10.25

We have been turning the flow rate down dramatically

1035 2.0 24.7 1.16 627 6.25 678 19.9 9.05
1046 2.5 25.1 1.46 616 6.21 69.9 69.6 7.66
1100 3.0 24.3 102 612 6.22 59.4 36.9 9.52

1101 Pump off
1110 WHE doesn't have bentonite pellets for the new MW-2. Finished putting it in place but they will get more pellets from another crew during lunch. Mob to wellhead area to finish soil borings.

1111 Rig died. Going to sample SS-1 when working SE-SBCQR

1138 Rig not working still. Bronson is trying to contact Geoprobe to fix it. Rafael is working on framing the surface completions and putting in ballards.

Michael Goodman 9-9-21

1201 WHE got rig working, starting on SE-SBCQR to 12 feet
1214 Start logging,
1245 Sample 4-6 (SE-SBCQR) for O2 G
1250 Sample 8-10 (SE-SBCQR) for O2 G

Southland Environmental doing TPH mixtures at 4-10, 6-8, 8-10.
1245 Sample SE-SBCQR 4-6' for TPH frac as well
1247 Sample SE-SBCQR 6-8' for TPH frac
1250 Sample SE-SBCQR 8-10' for TPH frac as well

1324 Finish sampling SE-SBCQR.
Opening up/Logging SS-1

1330 Sample SS-1 0-1
1332 Sample SS-1 1-2
1335 Sample SS-1 2-3
1350 Finish Sampling SS-1. Quick break while drillers get bentonite pellets
1351 Mayeux Surveyors off site
Bronson & Rafael back on site
1355 Setting up rig on B-2AR. Rig died. Rafael working on surface completions + bentonite in new MW-2
1435 Set up to Sample MW-4 while drilled getting rig going on B-2AR

Michael Goodman 9-9-21

Note: The handwriting includes a note at the bottom that reads, "Note in the Rain."
Location: Sulphur LA  
Date: 9-9-21

**Project / Client:** Neuva 0494289  
**Notes:** Hot Sunny

1445 MW-4 Sample time
1455 Finish sampling MW-4  
DTW 3.75' after sampling  
Before sampling: DTW 2.68'  
TD 13.41'  
Flush out

1458 Finish at MW-4. Back to log B-29R
1525 Sample B-29R 10-17.5 for T, Moisture and Arsenic.

1546 Finish soil sampling, prep to get sample MW-3

1605 At MW-3  
DTW 2.47 TD 13.51 Flush out

1600 Sample time
1620 Finish Sampling MW-3  
DTW 11.07'

1640 Pack up. Fill out Chain of Custody for Element. Send Conner Materials with element samples & chain.

1905 Offsite

---

Location: Sulphur LA  
Date: 9-16-21

**Project / Client:** Neuva 0494289  
**Notes:** Sunny

<table>
<thead>
<tr>
<th>Time (HR)</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0730</td>
<td>Arrive on site</td>
</tr>
<tr>
<td>0730</td>
<td>Carl Herbert with Southeast Eng. on site</td>
</tr>
<tr>
<td></td>
<td>Site Safety Meeting</td>
</tr>
<tr>
<td>0745</td>
<td>Resample MW-4 for dissolved metals</td>
</tr>
<tr>
<td></td>
<td>with field filter</td>
</tr>
<tr>
<td></td>
<td>Open up wells to do round of water level measurements</td>
</tr>
<tr>
<td></td>
<td>MW-1 6.65'</td>
</tr>
<tr>
<td></td>
<td>MW-2 2.76'</td>
</tr>
<tr>
<td></td>
<td>MW-3 2.15'</td>
</tr>
<tr>
<td></td>
<td>MW-4 2.88'</td>
</tr>
<tr>
<td>0922</td>
<td>At MW-3 to get dissolved metals sample &amp; water level</td>
</tr>
<tr>
<td>0832</td>
<td>Finish at MW-3</td>
</tr>
<tr>
<td>0833</td>
<td>Shawn Wiggins with ERD onsite</td>
</tr>
<tr>
<td>0840</td>
<td>At MW-2 to flush &amp; sample</td>
</tr>
<tr>
<td></td>
<td>DTW 2.72' TD 13.47'</td>
</tr>
<tr>
<td></td>
<td>Flush out</td>
</tr>
<tr>
<td>0850</td>
<td>Pump on MW-2</td>
</tr>
<tr>
<td></td>
<td>Time Vol Temp DO Cond pH ORP Turbo DTW</td>
</tr>
<tr>
<td>0850</td>
<td>0 23.9 1.76 1194 6.34 147.5 497</td>
</tr>
<tr>
<td>0850</td>
<td>0.5 241 0.97 108 4.98 81.7 232 6.26</td>
</tr>
<tr>
<td>0900</td>
<td>0 241 0.94 182 691 59.1 250 6.51</td>
</tr>
</tbody>
</table>

---

Signature: Michael Goodman  
Date: 9-9-21

---

Signature: Michael Goodman  
Page References: 114, 115
0820 * Aaron oil truck on site to pick up drums. We are not ready yet.

0855 Set up to sample MW-1
   DTW: 1.65’ b/c TD 12.54’ BTOC
   Flush Mount casing

1005 Sample Time

1019 Finish Sampling MW-1

1025 WHE finish doing well pads and ballards.
   Taking a break before trying to fin the geo probe rig.

1035 Shaun setting up to do slug test on
   MW-4 DTW (no setup pics) 2.88’ b/c TOC

1104 Start logging, level troll transducer 1 ft from bottom, going to lower 5 ft Slug in
   with 5 ft of string

1111 Insert Slug 1, at 10’ b/c TOC (base of slug)

1124 Recover to 10.29’
   Pull slug out

1133 Put slug in

1202 Pull slug out
   Shawn got the connection going to his laptop. The bluetooth is not working

1216 Stop logging at MW-4

1232 Mob to MW-3 for slug test
   DTW: 2.20’ b/c TOC

1240 Start test, waiting for water level to stabilize

1324 Going to use 5’ 3/8” slug instead of 5’ slug. The water level is still leveling
   out from adding the transducer

1329 Slug in. Walker Hill finished painting
   and loading up, offsite at 1315.
   Slug jumped water level to 10.04. It was not stabilized at 9.62.

1400 Checked on old well locations with Shaun
to the NW of the pad. Couldn’t find
   anything indicating where the temp wells were.

1405 Fill out Chans (Rack) and hand off to Shaun
Location: Sulphur L8  
Date: 9-10-21

Project / Client: Neuman 049425

Michael Goodman

14:28 Finish slug test after only slug 1
in test.

14:33 Mob to MW-2 for slug tests

14:46 At MW-2
DTW: 2.76' using 1/2" 5 Pt slug

15:05 Reading: 9.89'
Add slug. Rose to ~10.9'

15:21 Remove slug. Dropped to ~8.9'

15:36 Stop log. at 9.85'
Download file.
Pack up.

15:52 Offsite. Drive to Houston

Michael Goodman
0830 ARRIVE AT GATE ENTRANCE TO SITE, WAITING FOR SOUTHLAND TO ARRIVE
0835 SAFETY MEETING CONDUCTED
0839 PHOTO 1 OF CANAL BY GATE FITTING NE, WATER HIGH, HEAVILY.Varogerated
04539258, 3339256
0840 EARL CHAMBER (AG CONSULTANT) ON SITE
0855 DUANE PARANO (SOUTHLAND) ON SITE
0903 DRIVE IN TOWARDS WELL, DITCH ALONG ROAD IS SHALLOW
DRAINAGE NOT HOLDING WATER
STOP AND DO INITIAL OBSERVATIONS AND PHOTOS
04539341, 3340258
0905 PHOTOS 2 & 3 (SCANNING)
MARK NORTH & SOUTH OF FIELD
ON SOUTH WEST OF WALL
0910 STOP AT FORMER WELL PAD
0909 EARL FINISHED LOOKING AT AREA WITH FENCE EAST AS WELL

0910 PHOTO OF WEST AS WELL, FARMLAND WEST 045407B 3340268

0913 PHOTO OF MIKE, CLOSEST GUARD POST WAS KNOCKED OVER, GOOD BACK UP BUT IS UNSTABLE
- BEAMS ARE ~ 2.3' HIGH, 5' WIDE

0916 PHOTO OF FORMER PRODUCTION AREA, BERRNS ARE VERY LOW, NEAR SURROUNDING ELEVATION 0454020, 3340261 SPECIAL

0920 PHOTO OF WEST OF WELL PAD, FALLING WEST INTO MAJOR DRAINAGE VISIBLE 0454112, 3340254

0922 EARL AND EARL HAVE BEEN STANDING NEAR CENTER OF FORMER OPERATIONAL AREA DISCUSSING RESTORATION FOR AGRICULTURAL USE

0927 EARL HAS BEEN TAKING PHOTOS OF FORMER WELL PAD AND SURROUNDING AREA
- I CHECKED OUT OUR WELLS, ALL IN GOOD CONDITION

0930 DISCUSSION ABOUT REMOVAL OF SOIL AND REPLACEMENT

0934 HEADING OUT, EARL WILL TAKE PHOTOS OF ROAD/DRAINAGE ON THE WAY OUT

0945 ALL PERSONNEL OFF SITE