

Location HC Draw Estate Date 9/7/21Project / Client Vinton, LA

Former Newmin Prod. Facility 0494259

- 11:50 AM I arrive on property.
 12:05 PM AT central location. Mike Goodman + Conner Mathers (ERM) c/o here. Corey McBERT (South land) is also here. Walker Hill crew is here.
- 12:25 Drill crew taking lunch after unloading and setting up. I am reviewing SSC plan, INAs + project details with Conner and Michaels.
- 12:35 ① = 1 of MW-1 location looking south. Flag marks proposed location.
 ② = 2 looking north from MW-1 location
 ③ = 3 ^{west} " " "
 ④ = 4 " east " " "
- 12:40 ⑤ = 5 of former operational area looking east
 ⑥ = 6 " " looking north
 ⑦ = 7 " " looking south

Dad S. Jr

9/7/21

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- 1244 ⑧ = 8 of Northern portion of operation area, looking west.
 1246 ⑨ = 9 of sample location near old wellhead area. Looking south. Flag marks proposed location.
 1249 ⑩ = 10 of proposed MW-1 location in former tank battery. Flag in former ground.
 1251 ⑪ = 11 of former tank battery area looking east standing on western berm. Berm located around former tank battery. Berm height w/ 2-3'. Smaller berm located around production area.
- 1256 ⑫ = 12 of east side of property from eastern edge of gravel pad looking east
 ⑬ = 13 " " " " looking south
 ⑭ = 14 " " " " looking north
- 1258 ⑮ = 15 of geoprobe rig, looking north.

Dad S. Jr

9/7/21 *Site in the rain.*

Location Mc Drew Estate Date 9/7/21Project / Client Vinton, LA

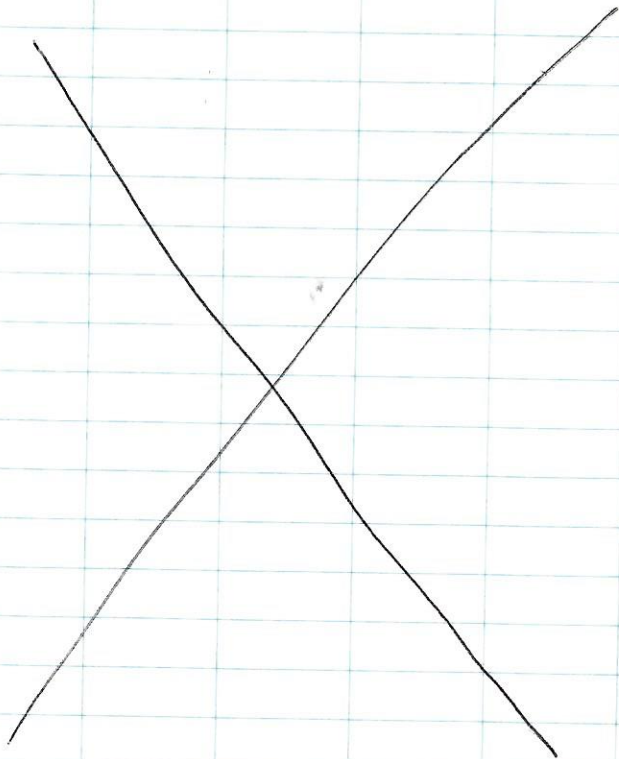
Former Neuman Prods Facility 0494259

1552 Ⓣ-27 of Mw-2 soil borings

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

~1600 I left work area.

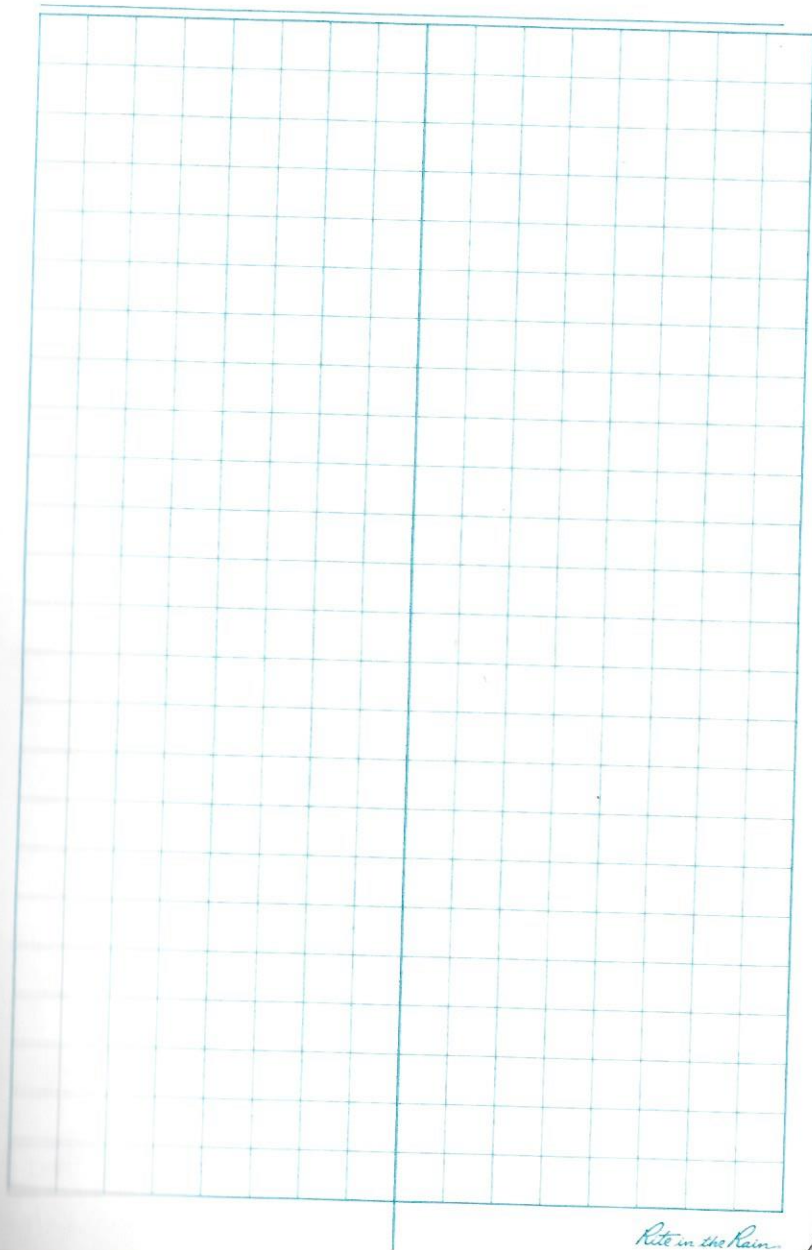
1613 Ⓣ-28 of entrance gate on my way offsite. Looking north.



Dad & Ju 9/7/21

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102 Location Sulphur LA Date 9-7-21

Project / Client Neuman 0494259

Michael Goodman Clear, Sunny

- 0923 Arrive on site for ERM investigation
Start marking locations for GPRS
- 0940 Justin Soileau from GPRS on site
Connor Mathorne 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 Branson Depill + 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 off site.
Site safety meeting + review HASP
and JHA's
- 1145 Dave Angle on site to review SSC plan
- 1200 WHE unloading, Dave Angle signing HASP
and doing SSC Audit
- 1223 WHE off site for lunch
Site walk with Dave Angle
Michael Goodman 9-7-21

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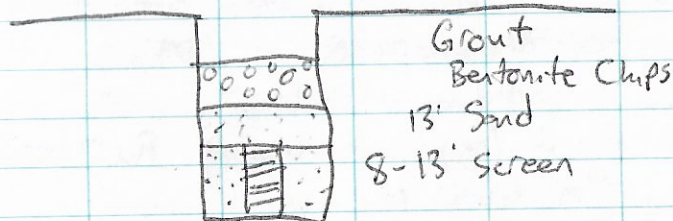
Michael Goodman Clear Sunny

- 1313 WHE back on site
- 1322 WHE moving to MW-1 with track-
mounted geoprobe 7822DT
- 1335 Start drilling MW-1
- 1420 Finish logging + running PID at
MW-1.
Silty Sand at ~9-10 ft, going to
screen 8-13" bgs.
- 1435 WHE truck showed up with EC Probe.
training Branson on how to use it
- MW-1 1 in PVC
3.25" hole
-
- 0-3 grout
3-6 bentonite pellets
6-8 Sand
Screen 8-13
- 1516 WHE finish drilling at MW-2. Start
logging.
- 1552 Finish logging MW-2. Going to Screen
from 8 to 13" again
- Michael Goodman 9-7-21

Location Sulphur LA Date 9-7-21

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Michael Goodman Warm, Sunny

1555 ~~at~~ MW-2 1" PVC 3.25" borehole

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

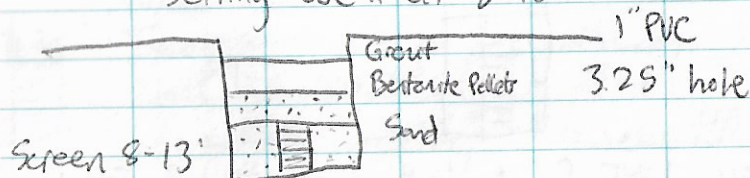
Dave Angle offsite

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'



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

1651 offsite

Michael Goodman

Location Sulphur LA Date 9-8-21

Project / Client Neuman 0494259

Michael Goodman Sunny Clear

0735 on site,
Bronson
Rafael } WHE
Jacob
Connor M. } ERM
Michael G.
Cory Hebert - Southland Env.

Site safety Meeting

0750 Patrick Ritchie }
Jake } ERM

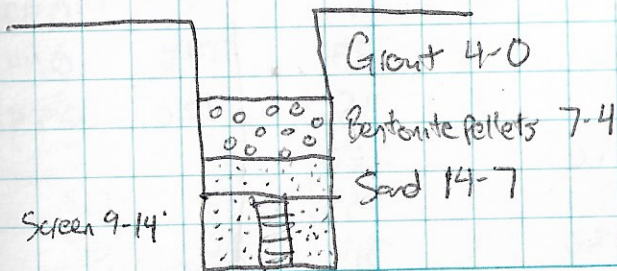
Luther Holloway -

Cleve Hufflower - Southland

on site for foot zone study

0810 WHE set up and start drilling at
MW-4 (Family SE-SB22R)

0840 Start logging MW-4,
Finish at 16'.
Setting screen at 9-14'



Michael Goodman 9-8-21

Rite in the Rain

Location Sulphur LA Date 9-8-21

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Michael Goodman Clear Sunny

- 0923 Finish setting MW-4
 0928 Mob to SS-2 and drill 14ft push.
 0940 log SS-2, Sample 0-1, 1-2, 2-3 for 2A-B salts & % moisture.
 Cory Hebert with Southland Environmental splitting samples
 0940 0-1' (SS-2)
 0942 SS-2 1-2'
 0944 SS-2 2-3'
 0955 WHE Mob to B-7R and set up for EC probe. Using FI 6000 series

Depth	EC ms/m	Depth	EC ms/m
1.0	85	14.0	270
2.0	115	15.0	228
3.0	150	16.0	250
4.0	156	17.0	0.50
5.0	153	18.0	0.42
8.0	55	19.0	0.44
10.0	115	20.0	0.54
11.0	260		
12.0	335		
13.0	319		

Michael Goodman 9-8-21

Location Sulphur LA Date 9-8-21

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Michael Goodman Sunny Hot

- 1050 Finish EC Probe at B-7R
 begin pushing & sampling Acetate liners to 20ft bgs
 We aren't sure why EC probe dropped to zero at 17 feet. We will use the EC Pen, but for now plan to sample 18-20'
 1100 Start logging B-7R
 1140 Sample B-7R 12.5-15 for % moisture, EC, SPLP CI
 1155 Sample B-7R 18-20' for % moisture, EC, SPLP CI
 1200 Lunch break
 1300 Set up on SE-SB19R for EC probe
 1316 start pushing EC Probe

Depth	EC	Depth	EC	Depth	EC
1.0	245	10.0	105	18.0	322
2.0	182	11.0	171	19.0	275
3.0	200	12.0	308	20.0	265
5.0	222	13.0	331	21.0	283
6.0	190	14.0	380	22.0	282
7.0	159	15.0	373	23.0	168
8.0	167	16.0	370	24.0	160
9.0	107	17.0	343	26	166
				28	72

Michael Goodman 9-8-21

Rite in the Rain

Location Sulphur, LA

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Michael Goodman

Hot Sunny

- 1337 Finish EC probe at 28'
Going to take out EC Probe equipment
and soil sample to 24'
- 1420 Start logging SESB19R
- 1445 Sample SE-SB19R 13-15 for % moisture,
SPLP Chloride, EC
- 1500 Sample SE-SB19R 22-24 for % moisture,
SPLP Chloride, EC
- 1508 WHE mob to B-12R in former wellhead
location. Going to EC Probe to post the
water-bearing zone
WHE can't get the rig to start. Trying to
troubleshoot
- 1546 Got rig to start, mob to B-12R for EC probe

Depth	EC ms/m	Depth	EC	Depth	EC
1.0	203	10.0	82	19.0	265
2.0	247	11.0	130	20.0	287
3.0	214	12.0	155	21.0	285
4.0	210	13.0	138	22.0	304
5.0	203	14.0	134	23.0	162
6.0	195	15.0	168	24.0	170
7.0	185	16.0	210		
8.0	181	17.0	255		
9.0	126	18.0	267		

Michael Goodman 9-8-21

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Michael Goodman

Hot Sunny

- 1605 Finish EC Probe at B-12R. TD=24'
Going to sample to 8 feet only.
- 1618 Geoprobe rig died.
- 1645 Sample B-12R 0-2.5 % moisture EC SPLP CI
- 1652 Sample B-12R 4-6 "
- pack up.
- 1715 off site

Michael Goodman

9-8-21

Rite in the Rain

Location Sulphur LA Date 9-9-21Project / Client Newmin 0494259Michael Goodman Cleas Sunny

0735 Arrive on site
 Cory Hebert with Southland En. on site
 Connor Mathene with ERM on site

Site safety meeting

Jacob S with WHE on site

0754 Set up on MW-4, to purge (9-14')

DTW 4.02' btoe TD 14.89' btoe

* These measurements are taken before
 the PVC pipe is cut to its final
 height *

0807 Pump ON ms/cm

Time	Vol	temp °C	DO mg/L	Cond	PH	ORP	Turb	DTW
0811	0.0	24.2	3.13	1620	6.37	194.5	1.09	
0815	0.5	23.9	3.21	1609	6.29	117.0	20.9	6.3
0817	1.0	23.9	1.72	1612	6.30	94.0	33.6	6.3'
0822	1.5	23.9	1.02	1580	6.30	78.4	4.49	6.33'
0826	2.0	23.9	0.79	1562	6.30	69.7	6.17	6.40'
0830	2.5	23.9	0.60	1559	6.30	64.5	6.41	6.40'
0835	3.0	23.9	0.48	1556	6.30	59.7	3.43	6.35'

[0819 Jacob with WHE grouted MW-1, MW-2, MW-3
 with about 2-2.5 gallons each]

0836 Pump off. will sample later.

0848 At MW-1 for development

DTW 3.56' btoe TD 14.90' *Current Stickup ~ 2ft

Michael Goodman 9-9-21

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~~pump on~~ Stickup has not been
 cut yet, so these depths are relative

0850 Pump ON

TIME	Vol	temp	DO mg/L	Cond	PH	ORP	Turb	DTW
0851	0.0	25.4	3.37	1021	6.28	101.9	47.5	—
0854	0.5	24.6	4.4	1011	5.94	93.6	11.7	5.81
0857	1.0	24.5	4.2	876	5.88	88.3	7.86	5.83
0901	1.5	24.6	6.37	910	5.85	83.0	3.93	5.84
0906	2.0	24.6	3.4	887	5.84	80.4	2.86	5.85
0913	2.5	24.6	0.31	882	5.83	71.1	2.11	5.84
0918	3.0	24.6	0.25	878	5.82	78.8	2.33	5.84

0919 Pump off.

0845 Bronson & Rafael on site with well completion equipment

0850 Surveyors on site (Majorca)

0925 Pack up at MW-1, going to sample later.

0942 At MW-2, setting up for development.

DTW ~~_____~~ TD ~~_____~~

This well has been cut.

Blockage/Refusal at 4ft btoe. Sand
 was filled in the well. Bronson said it
 needs to be redrilled

1006 At MW-3 for development.

DTW 1.88' TD 13.56' btoe

Flush mounted, no surface completion yet

Michael Goodman 9-9-21 *Rite in the Rain*

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Michael Goodman

Hot Sunny

1011 Pump on

Time	Vol	Temp C	DO	Cond	PH	ORP	Turb	DTW
1012	0.0	24.5	6.92	751	6.69	150.9	517	
1015	0.5	25.0	2.54	738	6.60	142.2	872	10.11
1020	1.0	24.2	2.26	710	6.44	110.8	81.1	10.29
1026	1.5	24.1	1.41	640	6.32	84.6	536	11.42
1029	1.75	24.6	1.92	639	6.36	79.1	261	10.25

We have been turning the flow rate down dramatically

1035	2.0	24.7	1.25	627	6.25	67.8	19.9	9.85
1046	2.5	25.1	0.90	616	6.21	60.9	6.96	7.66
1100	3.0	24.3	1.02	612	6.22	52.4	36.5	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-SBO9R

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 bollards.

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Michael Goodman

Hot Sunny

1202 WHE Got rig working, starting on SE-SBO9R to 12 feet

1214 Start logging,

1245 Sample 4-6 (SE-SBO9R) for O+G

1250 Sample 8-10 (SE-SBO9R) for O+G

Southard Environmental doing TPH mixtures at 4-6, 6-8, 8-10'

1245 Sample SE-SBO9R 4-6' for TPH fine as well

1247 Sample SE-SBO9R 6-8' for TPH fine

1250 Sample SE-SBO9R 8-10' for TPH fine as well

1324 Finish sampling SE-SBO9R.

Opening up/logging SS-1

1330 Sample SS-1 0-1

1332 Sample SS-1 1-2 } 298 Salts, % Moisture

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-29R. Rig died. Rafael working on surface completions + bentonite in new MW-2.

1435 Set up to sample MW-4 while drillers get rig going on B-29R

Michael Goodman 9-9-21

Rite in the Rain

Location Sulphur LA

Date 9-9-21

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Michael Goodman

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'

Flushmount

1458 Finish at MW-4. Back to log B-29R

1525 Sample B-29R 10-12.5' for % moisture
and arsenic.1546 Finish soil sampling, prep to gw sample
MW-3

1605 At MW-3.

DTW 2.47

TD 13.51 Flush mount

1600 Sample time

1620 Finish sampling MW-3

DTW 11.07'

1640 Pack up. Fill out Chain of Custody for
Element. Send Connor Mathew with
element samples + chain.

1905 offsite

Michael Goodman

9-9-21

Location Sulphur LA

Date 9-10-21

Project / Client Newmin 0494299

Michael Goodman

Sunny

0730 Arrive on site

Carl Hebert with Southland En. on site

Site Safety Meeting

0745 resample MW-4 for dissolved metals
with the field filter.open up wells to do round of
water level measurements

MW-1 1.65'

MW-2 2.76'

MW-3 2.15'

MW-4 2.88'

0822 At MW-3 to get dissolved metals
sample + water level

0832 Finish at MW-3

0833 Shawn Wiggins with ERM onsite

0840 At MW-2 to purge + sample

DTW 2.72' btoc TD 13.47' btoc

Flush mount.

0850 pump on MW-2

Time	Vol	Temp	DO	Cond	PH	ORP	Turb	DTW
0851	0	23.9	1.76	194	6.54	147.5	497	
0856	0.5	24.1	0.97	198	6.58	81.7	232	6.26
0900	10	24.1	0.44	192	6.54	59.1	250	6.51

Michael Goodman

Rite in the Rain

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Michael Goodman Sunny

At MW-2

Time	Vol	Temp	DO	Cond	PH	ORP	Turb	DTW
0905	1.5	24.0	0.27	1174	6.51	54.7	6.37	6.55
0911	2.0	24.0	0.19	1166	6.51	50.5	4.30	6.63
0916	2.5	24.1	0.16	1162	6.51	48.7	3.44	6.71
0921	3.0	24.1	0.23	1165	6.52	45.5	4.17	6.78
0930	MW-2 Sample time							
0940	Finish sampling							

0820 * Aaron Oil truck on site to pick up drums. We are not ready yet

0955 Set up to sample MW-1
DTW: 1.65' btoC TD 12.54' BtoC
Flush mount casing

1005 Sample time

1019 Finish sampling MW-1

1025 WHE finish doing well pads and bollards.
Taking a break before trying to fix the geoprobe rig.

1035 Shawn setting up to do slug test on MW-4 DTW (no stick up pipe) 2.88' btoC

1104 Start logging, level troll. transducer 1ft from bottom. Going to lower 5ft slug in with 5ft of string
Michael Goodman 9-10-21

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Michael Goodman Sunny Hot

1111 Insert Slug 1, at 10' btoC (base of slug)
1124 Recover to 10.29,
Pull slug out

1143 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' btoC

1240 Start test, waiting for water level to stabilize

1324 Going to use 3' 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. off site at 1315.
Slug jumped water level to 10.05. It was ~~at~~ stabilized at 9.62.

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

1405 Fill out chains (Pace) and hand off to Shawn
Michael Goodman 9-10-21 *Rite in the Rain*

Location Sulphur LA Date 9-10-21Project / Client Neuman 0494255

Michael Goodman

1428 Finish slug test after only slug 1
in test.

1433 Mob to MW-2 for slug tests

1446 At MW-2

DTW: 2.76' using 1/2" 5 ft slug.

1505 Reading = 9.85'

Add slug. rose to ~10.9'

1521 Remove slug. Dropped to ~8.9'

1538 Stop log. at 9.85'

Download file.

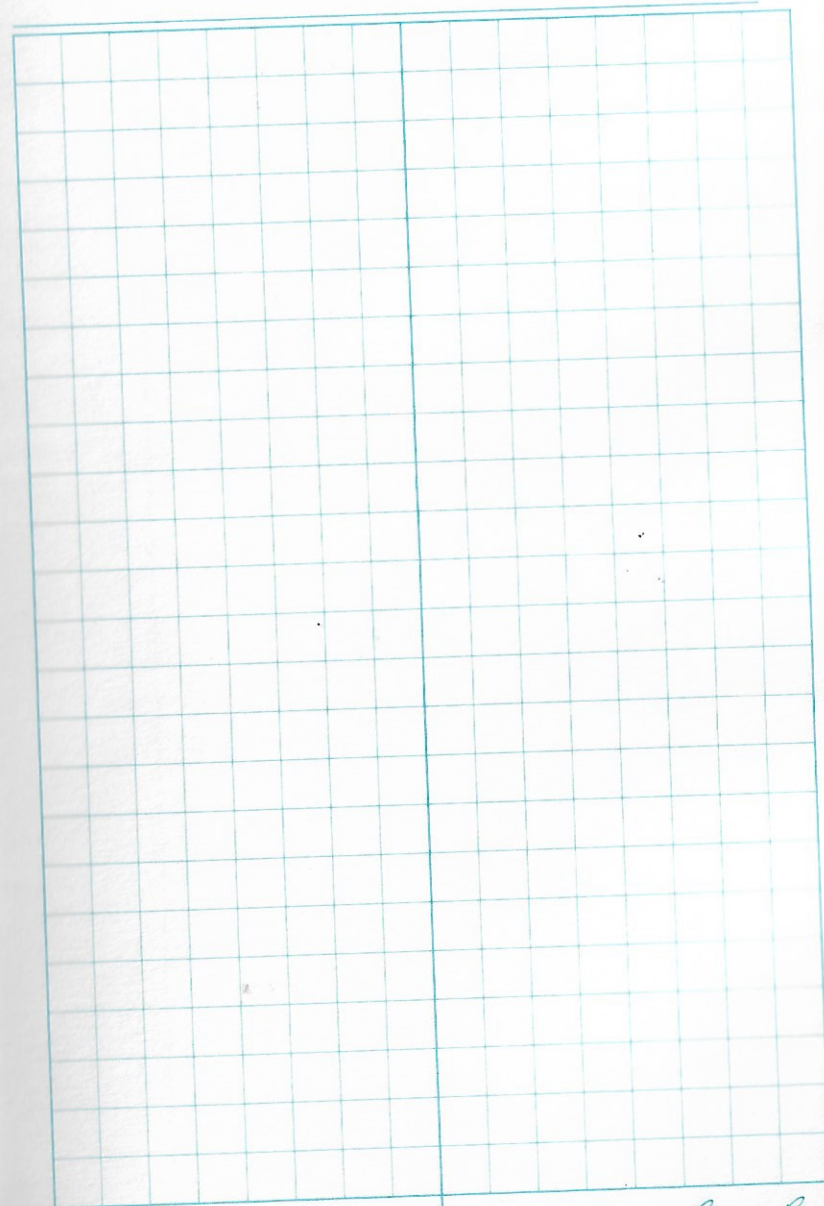
Pack up.

1552 Offsite. Drive to Houston

Michael Goodman

Location _____ Date _____

Project / Client _____



Location CALCASIEU PARISH, LA Date 10/26/21 ⁸⁹

Project / Client NEUMIN 0494259

SHANN WILGINS

0830 ARRIVE AT GATE ENTRANCE
TO SITE, WAITING FOR SWITLAND
TO ARRIVE

0835 SAFETY MEETING CONDUCTED

0839 PHOTO ① OF CANAL BY
GATE FACING NE, WATER
HIGH, HEAVILY VEGETATED
0453298, 3339256

0844 EARL GARBER (AG CONSULTANT)
ON SITE

0855 DUANE PIRANIO (SWITLAND)
ON SITE

0903 DRIVE IN TOWARDS WELL,
DITCH ALONG ROAD IS SHALLOW
DRAINAGE, NOT HOLDING WATER
- STOP AND DO INITIAL
OBSERVATIONS AND PHOTOS
② 0453934, 3340258

0905 PHOTOS ② & ③ FACING ~~WEST~~
NORTH ^{SOUTH} ~~WEST~~ EAST OF FIELD

③ ~~SOUTH~~ WEST OF WELL

0907 STOP AT FORMER WELL PAD

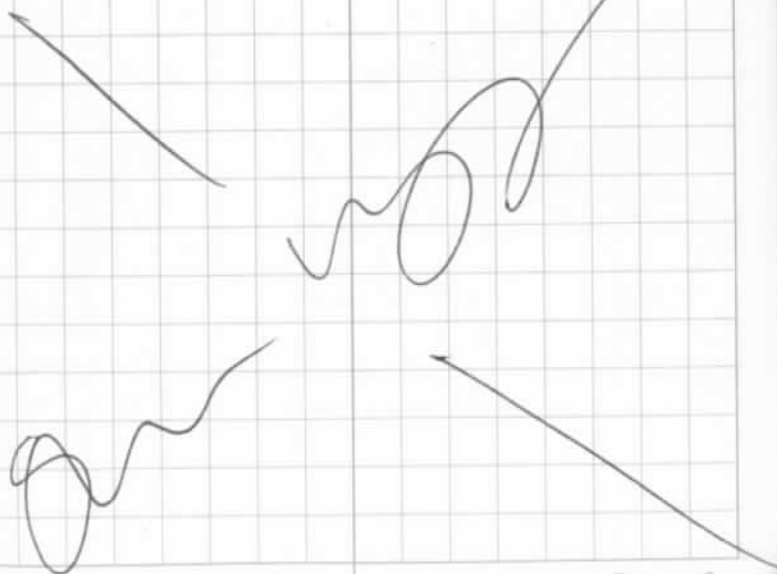
90 Location CALCASIEU PARISH, LA Date 10/26/21
Project / Client NEUMIN 0494259
SHAWN WILGINS

- 0909 EARL FINISHES LOOKING AT AREA WITHIN FENCE EAST OF WELL
- 0910 - PHOTO ④ WEST OF WELL, FACING WEST, 0454018, 3340268
- 0913 PHOTO ⑤ M.W.A, CLOSEST GUARD POST WAS KNOCKED OVER, SCUD BACK UP BUT IS UNSTABLE - BERMS ARE ~2-3' HIGH, ~5' WIDE
- 0916 PHOTO ⑥ OF BERMS AROUND FORMER PRODUCTION AREA. BERMS ARE VERY LOW, NEAR SURROUNDING ELEVATION 0454020, 3340261 FACING N
- 0920 PHOTO ⑦ WEST OF WELL PAD, FACING WEST, NO MAJOR DRAINAGE VISIBLE 0454112, 3340254
- 0922 DUANE AND EARL HAVE BEEN STANDING NEAR CENTER OF FORMER OPERATIONAL AREA DISCUSSING RESTORATION FOR AGRICULTURAL USE

SHAWN WILGINS

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Project / Client NEUMIN 0494259
SHAWN WILGINS

- 0927 EARL HAS BEEN TAKEN PHOTOS OF FORMER WELL PAD AND SURROUNDING AREA
- I CHECKED ON OUR WELLS, ALL IN GOOD CONDITION
- 0930 DUANE AND EARL DISCUSSING REMOVAL OF SOIL AND REPLACEMENT
- 0934 HEADING OUT, EARL WILL TAKE PHOTOS OF ROAD/DRAINAGES ON THE WAY OUT
- 0945 ALL PERSONNEL OFF SITE



SHAWN WILGINS