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PAGE	REFERENCE	DATE

Location Bristow, Creek Co, OK Date 8/10/20

Project / Client Wilcox Leg 6
W Gamter

1100 Arrive Onsite
1200 Start marking Hydropunch locations and gauging MW's

WG
8/10/20

90103640

Rite in the Rain

Location Bristow Creek Co OK Date 8/10/20

Project / Client Wilcox / Rey 6
W Gentry

Well	DTW
01	6.53
02	11.23
03 ~~04~~	
04	12.49
05	9.42
06	

Disregard WG

Well #	DTW Pre Sample
01	6.53
02	
03	11.23
04	12.49
05	9.42
06	

8/10/20
WG

Location Bristow Creek Co OK Date 8/11/20

Project / Client Wilcox / Rey 6
W Gentry

0800 Arrive Onsite / H-S meeting
0830 Prep to Hydropunch @ Loraine and do creek walk
0930 @ Lorain Geoprobe hits refusal before Ground water @ all 3 locations, Move to Wilcox. Shut down from Rain + Lightning
1100 7.5ft refusal @ WPA-GW-06
1400 @ WPA-GW-02, Screen @ 24'
Not enough recharge to lowflow, take 1 YSI reading and Sample Sample Point continuously goes dry while trying to sample
1415 Sample @ WPA-GW-02
1715 Finish filling Containers @ WPA-GW-02
1730 Pack Sample Coolers to Ship

WG
8/11/20

Rite in the Rain

Location Bristow, OK, Wilcox Date 8-12-2020

Project / Client EPA Reg VI

J. Meinerts

0700 - On site

0730 - Prepping each team for events of the day, Drew - low-flow, Will & Jack - creek survey, Jacob - set temporary wells & log.

0800 - HASP w/ Mohawk crew

0845 - Setting up to drill on WPA-GW-06. Refusal at 7' bgs, heavy odor and visible product at 4' bgs. Tried for second hole and hit refusal at 7' bgs again. Plugged holes and moved to next location.

0920 At WPA-GW-01, drilling, slight odor of petroleum from core samples but no visible product

1000 Finish WPA-GW-01, drilled to 25' bgs, screen set from 15' to 25' Riser from surface to 15'

1025 At GW-10, Hit refusal at ~7 ft bgs twice, Hit sandstone with product at top of it. Hole was plugged and abandoned

1045 At WPA-GW-05, drill successful down to 25' bgs; bottom of hole collapsed in, casing was set

Location Bristow, Creek Co, OK Date 8-12-2020

Project / Client Wilcox, EPA Reg VI

J. Meinerts

to ~22' bgs, screen from 12' to 22', riser from surface to 12'

1110 - 20-25 sample sleeve is stuck in spoon, drillers working to free it. GW-05 has product in multiple zones, wherever there is sand, there is also product.

1145 - Drillers couldn't get sleeve out of spoon, will have to pick up another from yard in Tulsa.

1215 - Lunch

1315 - Moving to WPA-GW-08

1325 - Hit refusal at 2' and at 1' on the two attempts, hard pack sandstone at both spots, plugged & abandoned both holes.

1335 - Moved over to GW-06 area to attempt a different spot, drilled down to ~9' bgs, product throughout and had decent moisture. Well was set w/ screen from surface to 9'.

1400 - Moved to WPA-GW-07, drilled to 25', set casing: screen from 14'-24', riser from surface - 14'

Location Bristow, Creek Co., OK Date 8-12-2020

Project / Client Wilcox / EPA Reg VI

J. Meinerts

1445 - Moving to WPA-GW-04, drilled to 12' bgs, screen from 2'-12', where we hit refusal

1500 - at WPA-GW-03, Hit refusal at 1' and 2', plugged and abandoned

1515 - at WPA-GW-09, Drilled to 15' bgs, saturated zones throughout, screen from 5'-15'. Odor but no visible.

1535 - Moving to Lorraine Processing Area, at LPA-GW-01, Drilled to ~14', screen from 4'-14'

1600 - Moving to LPA-GW-02, drilled to 15' where refusal was hit, set screen from 5'-15'

1625 - At LPA-GW-03, drilled to 15', hit refusal, screen set 5'-15'.

1800 - Back at Hotel

8-12-2020

Location Bristow, Creek OK Date 8/13/20

Project / Client Wilcox / Key 6.

W. Gamler

0715 - At site, meet at camp

0730 - HASP, and load up supplies and equipment

0800 - At GW-01 (WPA) for sampling

0810 - Sample @ WPA-GW-01 + Dupe
Take 1 set of Parameters then start filling Containers, due to low recovery rates

0825 WPA-GW-01 goes dry, will move to next location while waiting for recharge

0840 Setup @ WPA-GW-05

0845 WPA-GW-05 is dry after sitting overnight

0900 @ WPA-GW-06

0910 Sample @ WPA-GW-06
Can't take Parameters, to high turbidity and too much free product to improvement while trying to Purge.

0915 WPA-GW-06 goes dry, will return later to continue sample collection

Rite in the Rain

Location Bristow, Creek, OK Date 8/13/20

Project / Client Wilcox O.L / Reg 6

W. Gamter

0935 @ WPA-Gw-09, very turbid try to purge into better condition in order to sample

0940 Sample @ WPA-Gw-09 + Dupe

1015 All containers collected @ WPA-Gw-09

1025 Setup @ WPA-Gw-07
Purge out solids, turbidity still high, strong hydrocarbon odor

1040 Sample @ WPA-Gw-07

1100 Fill all containers @ WPA-Gw-07

1230 Go Back to WPA-Gw-01, get a few more containers, let recharge will come back

1315 Complete Sample Collection @ WPA-Gw-06

1325 Setup @ WPA-Gw-04

1335 Sample @ WPA-Gw-04

1340 WPA-Gw-04 goes dry, will let recharge and return later

1355 @ LPA-Gw-01

1400 Sample @ LPA-Gw-01

1420 Collect all containers @ LPA-Gw-01

Location Bristow, Creek Co Date 8/13/20

Project / Client Wilcox O.L / Reg 6

W. Gamter

1500 Pack sample cooler

1600 Clear Gw-13 to sample tomorrow

1800 Go back to WPA-Gw-01, still not enough water to fill all containers, will continue tomorrow.

8/13/20
WG

Rite in the Rain

Location Bristow Creek OK Date 8/14/20

Project / Client Wilcox O.L / Rey6

W. Gantar

0800 Arrive Onsite / H-S meeting
0815 Setup @ LPA-Gw-02 start Purging
0820 Sample @ LPA-Gw-02
0840 Collect all containers @ LPA-Gw-02
0845 Setup and purge @ LPA-Gw-03
0850 LPA-Gw-03 is Dry

8/14/20

WG

Location Bristow, Creek, OK Date 8/17/20

Project / Client Wilcox O.L / Rey6

W Gantar

1100 Arrive Onsite / H-S meeting
1300 @ Mw-04
Slug Vol. 0.2 gal
Dtp - 13.52 Wc: 26.14 / 37.99 wg / Troll Act
Dtw - 13.55 Troll depth: ~~38.66~~ / 25.14
Td 39.66 Slug depth @ 17'

1340 Deploy Troll and Slug. Record wl change on rugged reader, can't get probe down hole for manual gauging.
1408 Stop logging @ 13.42, data looks good on rugged reader.
Trying to manual gauge Mw-04 hindered by LNAPL, probe misreads
1430 Mw-04 returns to pre-slug wL 13.56
prepare to remove slug - will come back
1445 @ Mw-05

WL 12.01 Wc: 25.16
Td 37.17 Probe @ 24.16 / 36.17
Slug @ 16 ft bgs ↳ Act 24.09
1455 Install slug - WL w/ trasn = 11.92
1525 Mw-05 returns to 95% original WL. Let sit, slug out later

Rite in the Rain

Location Wilcox Oil, Creek Date 8/17/20

Project / Client Co, OK / Reg6

W Gamter

1350 Prepare for slug out @ Mw-04
WL: 12.83 (within 95% original
WL Target Recovery 25.16
1650 Complete slugout test @ Mw-04
1655 @ Mw-05
Dtw-11.92
Trol set @ 24.09
1704 Pull slug/Guage manually and datalog
1740 End slugout @ Mw-05

8/17/20
WG

Location Oristow, Creek, OK Date 8/18/20

Project / Client Wilcox / Reg6

W-Gamter

0700 Arrive Onsite / 11-S meeting
0800 Setup @ Gw-13-119
0900 Setup slug test @ Mw-02

Dtw: 15.54
Td: 18.32
Set troll: 17.32
} Not Enough water to slug test

0825 @ Mw-01

Dtw 7.93 Troll @ 19.19 (11.26)
Td: 20.19
Wc: 12.26
0840 Start log and install slug
95% recharge = 7.53 dtw
0857 Stop slug out log dtw: 7.95
0915 @ Mw-03

Dtw 11.37
Td 15.17
Wc 3.8
} Not enough water - bottom of well is too soft to place troll @ Td. Too much dirt

Rite in the Rain

Location Bristow, Creek, OK Date 8/18/20
Project / Client Wilcox / Leg 6
W. Ganter

1030 Talk to Pat, perform baildown test w/ troll @ MW-02/03
1115 Start baildown @ MW-03
1130 Bail ~ 5gal from MW-03
1207 Stop log WL @ 11.47 - within 95% recov.
1330 Setup to Baildown test MW-02
1335 Start Baildown MW-02
1400 End Baildown test @ MW-02 - Data resolution poor, can't remove enough water with bailer. Will try pumpdown instead.
1535 @ MW01 for slugout
Otw 7.86
1545 Pull slug
1615 Stop test wh returns to 7.87
1630 Setup @ MW-06

Otw 11.94
Td 53.53
Wc 41.59 (40.59 troll)
Troll @ 52.53 → Act 52.15 / 51.85 @ 1744
1700 Start slugin test
1728 Pull slug for slugout test
1750 Finish slug out MW-06

8/18/20
WG

Location Bristow, Creek, OK Date 8/19/20
Project / Client Wilcox / Leg 6
W. Ganter

0800 Arrive Onsite / H-S meeting
0810 Take ATV line into Bristow for repair
0845 Set up for pumpdown test @ MW-02

Otw 15.55
Place transducer above pump. Pump cant fit around transducer wire.
0900 Start MW-02 pumpdown
0920 Pump cant lift water in well, to much mud/dirt/animal carcass will try another Baildown test with transducer placed after baildown.
0945 Bail well dry, insert troll as quickly as possible
1025 Stop MW-02 Buildown log
Final Otw 15.75 (95%)

8/19/20
WG

Rite in the Rain

Location Bristow Creek, OK Date 8/20/20

Project / Client W. Cox / Reyb
W. Gunter

0800 Arrive Onsite / H-S. meet
1030 Collect WPA-SA-03 near
trailer House + DUP
35.84134436, -96.3830721
1040 Collect WPA-SA-04 + Msmsd
~~1050 Collect~~ om ↓
35.8413377, -96.383754

8/20/20

WG

Location Date

Project / Client

Rite in the Rain