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February 15, 2023

Delivered via Trackable Overnight Delivery

Mr. Jeffery E. Mendenhall
South Carolina Department of Health and Environmental Control
Assessment Section, UST Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Subject: Well Abandonment Summary
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693, "Kinder Morgan Belton Pipeline Release"

Dear Mr. Mendenhall,

On behalf of Products (SE) Pipe Line Corporation (PPL), Jacobs Engineering Group Inc. (Jacobs) has prepared this summary of well abandonment activities that were conducted according to the October 3, 2022 letter request submitted to the South Carolina Department of Health and Environmental Control (DHEC), and approved by DHEC in a letter dated October 12, 2022. Wells proposed to be abandoned in the October 3, 2022 letter are listed in **Table 1**.

On January 16, 2023, Jacobs and IET, Inc. completed the following work:

- Abandoned eight temporary monitoring wells (TW-28, TW-41, TW-42, TW-45, TW-59, TW-60, TW-73, and TW-96) per Official Code of South Carolina Section R.61-71. Once all possible well casing/screen was removed, abandonment was completed by a forced injection or pouring of grout (bentonite-cement or 20% high solids sodium bentonite grout) through a tremie pipe starting from the bottom of the well and proceeding to the ground surface.
- Abandoned two vertical bedrock sparging (VBS-02 and VBS-03) wells per Official Code of South Carolina Section R.61-71. Prior to abandonment, the conduit piping from the sparge system was sealed off with a PVC cap. Once all possible well casing/screen was removed, abandonment was completed by a forced injection or pouring of grout (bentonite-cement or 20% high solids sodium bentonite grout) through a tremie pipe starting from the bottom of the well and proceeding to the ground surface. Access to the conduit pipe remains.

13 TWs were to be abandoned however five could not be properly abandoned. TW-55, TW-64, TW-67, and TW-94 could not be located visually or with the use of a metal detector. TW-66 was under high pressure from HAS-5 air sparging operations and abandonment at this time was not possible. Three (3) VBS wells were to be abandoned however one VBS well (VBS-01) could not be abandoned at this time. This well was inaccessible due to groundwater levels in the area greater than ground surface. Abandoned wells are shown on **Figure 1** and identified in grayed-out text in **Table 2**.







February 15, 2023

Subject: Well Abandonment Summary

DHEC Form 1903 Water Well Records for abandoned wells are provided in Attachment A.

If you have any questions concerning this letter or the project in general, please call me at (919) 859-5789 or Greg Dempsey/PPL at (770) 751-4143.

Regards,

William M. Waldron

Program Manager

Copies to: Greg Dempsey, PPL (Digital, greg_dempsey@kindermorgan.com)

Mary Clair Lyons, Esq., PPL (Digital, Mary_Lyons@kindermorgan.com)

Attachments:

Table 1 – Proposed Well Abandonment

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Table 2 - Well Construction Information

Figure 1 - Well Abandonment Summary

Attachment A - DHEC Form 1903 Water Well Records

Location		Date			Well Depth	Screen Length	Depth to Water ^{1,2}	
ID	Permit Number	Installed	Northing	Easting	(ft bgs)	(ft)	(ft BTOC)	Rationale for Abandonment
TW-28	MW-09978	1/23/2015	989942.465	1546422.102	28	20.00	20.50	
TW-41	MW-09978	1/25/2015	990103.995	1546618.210	34	25.00	24.40	
TW-42	MW-09978	1/25/2015	990103.575	1546717.088	29.5	20.00	23.76	
TW-45	MW-09978	1/25/2015	990080.591	1546743.717	37.5	25.00	24.91	
TW-55	MW-10006	2/5/2015	990053.932	1545917.961	43	30.00	0.00	
TW-59	MW-09978	1/30/2015	989944.219	1546921.479	22	15.00	13.36	
TW-60	MW-09978	1/30/2015	990083.712	1546872.885	41.5	35.00	8.86	Current monitoring network of 2-inch wells is sufficient
TW-64	MW-09978	2/2/2015	990216.834	1546232.195	55	50.00	15.56	
TW-66	MW-09978	2/2/2015	990022.631	1546965.321	24	20.00	1.46	
TW-67	MW-09978	2/3/2015	989486.393	1545910.298	27	20.00	9.19	
TW-73	MW-09978	2/3/2015	989429.600	1546151.905	16	10.00	4.77	
TW-94	MW-10006	2/10/2015	990313.883	1545885.290	40	35.00	0.00	
TW-96	MW-10006	2/11/2015	990369.269	1545983.540	30	25.00	0.00	
VBS-01	SCHE03020469M	1/28/2017	989781.402	1546279.088	38.50	2.00	19.63	
VBS-02	SCHE03020469M	1/28/2017	989733.146	1546223.970	31.00	2.00	6.75	Insufficient fracture aperture/density to permit air flow
VBS-03	SCHE03020469M	1/27/2017	989668.841	1546148.569	36.20	2.00	9.81	

Notes:

bgs = below ground surface BTOC = below top of casing

ft = feet

NM = not measured

TW = temporary well

¹ TW water depth measurements collected on July 11, 2018

 $^{^{\}rm 2}$ VBS water depth measurements collected on October 6, 2020

Table 2. Well Construction Information

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit#	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsi)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsi)	Top of Screen or Open Borehole Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsi)	Bottom of Screen or Open Borehole Interval (ft amsi)	Length of Screen or Open Borehole Interval (ft)
Piezometers TW-01	DPT	MW-09921	12/11/2014	12/22/2014	Gauging	853.87	853.87	6.85	2.2	1	7.2	846.7	1.85	6.85	2.2	7.2	851.7	846.7	5
TW-02	DPT	MW-09921	12/11/2014	12/22/2014	Gauging	854.54	854.54	14.09	2.2	1	14	840.5	9.09	14.09	9.0	14.1	845.5	840.4	5
TW-03	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	855.68	855.67	12.00	2.2	1	11.7	844.0	7.00	12.00	6.7	12.0	849.0	843.7	5
TW-04	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	852.77	852.77	5.15	2.2	1	5.5	847.3	2.15	5.15	2.5	5.1	850.3	847.6	3
TW-04R	DPT	MW-10006	2/4/2015	8/30/2018	Gauging	852.68	852.64	5.5	2.2	1.0	5.5	847	2.46	5.46	2.5	5.5	850.2	847.2	3
TW-05	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	849.94	849.94	9.00	2.2	1	9.3	840.6	6.00	9.00	6.3	9.0	843.6	840.9	3
TW-05R	DPT	MW-10006	2/4/2015	8/30/2018	Gauging	849.96	849.93	8.9	2.2	1.0	8.8	841	5.87	8.87	5.8	8.9	844.2	841.1	3
TW-06	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	848.08	848.08	15.00	2.2	1	15	833.1	5.00	15.00	5.0	15.0	843.1	833.1	10
TW-07	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	845.58	845.59	18.83	2.2	1	20	825.6	8.83	18.83	10.0	18.8	835.6	826.8	10
TW-08	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	847.51	847.51	19.98	2.2	1	21	826.5	9.98	19.98	11.0	20.0	836.5	827.5	10
TW-09	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	842.76	842.76	19.75	2.2	1	19	823.8	4.75	19.75	4.0	19.8	838.8	823.0 820.0	15 15
TW-10	DPT DPT	MW-09921	12/12/2014	12/22/2014	Gauging	844.13	844.14 853.96	24.10 14.97	2.2	1	25 15	819.1 838.7	9.10 11.97	24.10 14.97	10.0 12.0	24.1 14.7	834.1 841.7	839.0	3
TW-11 TW-12	DPT	MW-09921 MW-09921	12/19/2014 12/19/2014	12/22/2014 12/22/2014	Gauging	853.74 855.29	855.47	8.15	2.2	1	8	847.3	3.15	8.15	3.0	8.0	852.3	847.3	5
TW-13	DPT	MW-09921	12/19/2014	12/22/2014	Gauging Gauging	853.29	854.07	10.00	2.2	1	10	844.0	5.00	10.00	5.0	9.9	849.0	844.1	5
TW-14	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	853.46	853.60	5.95	2.2	1	6.5	847.0	1.95	5.95	2.5	5.8	851.0	847.7	4
TW-14R	DPT	MW-10006	2/4/2015	8/30/2018	Gauging	853.47	853.37	6.2	2.2	1.0	6.5	847	2.2	6.2	2.5	6.3	851.0	847.2	4
TW-15	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	850.67	850.78	5.64	2.2	1	5	845.7	1.64	5.64	1.0	5.5	849.7	845.1	4
TW-15R	DPT	MW-10006	2/4/2015	8/30/2018	Gauging	850.6988	850.6175	4.85	2.2	1	5	845.7	0.85	4.85	1.0	4.9	849.7	845.8	4
TW-16	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	847.03	847.17	22.50	2.2	1	23	824.0	12.50	22.50	13.0	22.4	834.0	824.7	10
TW-17	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	845.12	845.31	20.98	2.2	1	25	820.1	10.98	20.98	15.0	20.8	830.1	824.3	10
TW-18	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	839.22	839.42	20.21	2.2	1	20.5	818.7	10.21	20.21	10.5	20.0	828.7	819.2	10
TW-19	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	844.48	844.64	21.15	2.2	1	21	823.5	11.15	21.15	11.0	21.0	833.5	823.5	10
TW-20	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	852.45	852.55	22.30	2.2	1	22.7	829.7	12.30	22.30	12.7	22.2	839.7	830.2	10
TW-21	DPT	MW-09978	1/22/2015	8/30/2018	Gauging	849.72	849.70	9.5	2.2	1.0	14.0	836	-0.46	9.54	4.0	9.6	845.7	840.2	10
TW-22	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	850.85	851.79	10.92	2.2	1	10	840.8	5.92	10.92	5.0	10.0	845.8	840.9	5
TW-23	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	851.40	852.91	14.72	2.2	1	14	837.4	4.72	14.72	4.0	13.2	847.4	838.2	10
TW-24	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	852.44	854.13	17.41	2.2	1	16	836.4	12.41	17.41	11.0	15.7	841.4	836.7 841.7	5 5
TW-25 TW-26	DPT DPT	MW-09978	1/22/2015	10/19/2015	Gauging	849.83 849.55	851.92 850.30	10.25 12.57	2.2	1	8 11.00	841.8 838.6	5.25 7.57	10.25 12.57	3.0 6.0	8.2 11.8	846.8 843.6	837.7	5
TW-27	DPT	MW-09978 MW-09978	1/22/2015 1/22/2015	1/28/2015 1/29/2015	Gauging	850.09	851.93	31.30	2.2	1	31.00	819.1	11.30	31.30	11.0	29.5	839.1	820.6	20
TW-28	DPT	MW-09978	42027.00	1/16/2023	Gauging Gauging	851.6	851	31.84	2.2	1	30.00	821.6	11.84	31.84	10.0	32.0	841.6	819.6	20
TW-29	DPT	MW-09978	1/23/2015	1/29/2015	Gauging	850.22	851.85	24.68	2.2	1	23.00	827.2	9.68	24.68	8.0	23.1	842.2	827.2	15
TW-30	DPT	MW-09978	1/23/2015	8/30/2018	Gauging	851.86	851.81	23.2	2.2	1.0	24.0	828	8.15	23.15	9	23.2007	842.9	828.7	15
TW-31	DPT	MW-09978	1/23/2015	10/19/2015	Gauging	854.28	856.07	20.04	2.2	1	16	838.3	10.04	20.04	6.0	18.3	848.3	836.0	10
TW-32	DPT	MW-09978	1/23/2015	10/19/2015	Gauging	854.54	856.19	30.05	2.2	1	26.5	828.0	10.05	30.05	6.5	28.4	848.0	826.1	20
TW-33	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	852.90	854.48	23.03	2.2	1	21	831.9	8.03	23.03	6.0	21.5	846.9	831.4	15
TW-34	DPT	MW-09978	1/24/2015	8/30/2018	Gauging	854.92	854.79	25.0	2.2	1.0	23.0	832	10.04	25.04	8	25.1743	846.9	829.7	15
TW-35	DPT	MW-09978	1/24/2015	8/30/2018	Gauging	854.22	854.10	25.1	2.2	1.0	23.0	831	10.12	25.12	8	25.2379	846.2	829.0	15
TW-36	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	853.09	854.60	28.02	2.2	1	26	827.1	8.02	28.02	6.0	26.5	847.1	826.6	20
TW-37	DPT	MW-09978	1/24/2015	1/30/2015	Gauging	851.90	853.42	33.08	2.2	1	32.50	819.4	8.08	33.08	7.5	31.6	844.4	820.3	25
TW-38	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	854.12	855.65	17.81	2.2	1	16	838.1	-7.19	17.81	-9.0	16.3	863.1	837.8	25
TW-39	DPT	MW-09978	1/24/2015	1/30/2015	Gauging	851.11	852.82	37.91	2.2	1	37.00	814.1	12.91	37.91	12.0	36.2	839.1	814.9	25
TW-40	DPT	MW-09978	1/24/2015	8/30/2018	Gauging	853.45	853.35	34.1	2.2	1.0	33.0	820	9.05	34.05	8	34.1517	845.5	819.3	25
TW-41 TW-42	DPT DPT	MW-09978 MW-09978	42029.00 42029.00	1/16/2023 1/16/2023	Gauging	849.4 847.02	849 846.84	32.15 27.5	2.2	1 1	34.00 29.50	815.4 817.5	7.15 2.5	32.15 27.5	9.0 4.5	32.1 27.7	840.4 842.5	817.2 819.3	25 25
TW-43	DPT	MW-09978	1/25/2015	10/19/2023	Gauging Gauging	847.02	847.83	46.84	2.2	1	40	805.6	21.84	46.84	15.0	44.6	830.6	801.0	25
TW-44	DPT	MW-09978	1/25/2015	10/19/2015	Gauging	847.64	850.52	21.60	2.2	1	18	829.6	-3.40	21.60	-7.0	18.7	854.6	828.9	25
TW-45	DPT	MW-09978	1/25/2015	1/16/2023	Gauging	848.26	848.31	36.9	2.2	1	37.5	810.8	11.9	36.9	12.5	36.8	835.8	811.4	25
TW-46	DPT	MW-09978	1/26/2015	9/13/2017	Gauging	846.89	846.88	33.44	2.2	1	32	814.9	8.44	33.44	7.0	33.4	839.9	813.4	25
TW-47	DPT	MW-09978	1/26/2015	10/19/2015	Gauging	854.07	856.26	29.81	2.2	1	27	827.1	4.81	29.81	2.0	27.6	852.1	826.4	25
TW-48	DPT	MW-09978	1/26/2015	1/30/2015	Gauging	844.18	846.23	39.22	2.2	1	39.00	805.2	14.22	39.22	14.0	37.2	830.2	807.0	25
TW-49	DPT	MW-09978	1/27/2015	2/2/2015	Gauging	833.32	835.57	25.50	2.2	1	27.00	806.3	5.50	25.50	7.0	23.3	826.3	810.1	20
TW-50	DPT	MW-09978	1/27/2015	10/20/2015	Gauging	833.42	835.30	24.31	2.2	1	23	810.4	4.31	24.31	3.0	22.4	830.4	811.0	20
TW-51	DPT	MW-09978	1/27/2015	10/20/2015	Gauging	843.44	844.86	34.59	2.2	1	34	809.4	9.59	34.59	9.0	33.2	834.4	810.3	25
TW-52	DPT	MW-09978	1/28/2015	2/6/2015	Gauging	825.89	828.33	23.58	2.2	1	27.00	798.9	3.58	23.58	7.0	21.1	818.9	804.7	20
TW-53	DPT	MW-09978	1/29/2015	2/3/2015	Gauging	NS	NS	45.20	2.7	1	43.00	NS	5.20	45.20	3.0	43.0	NS	NS	40

FES0209232312ATL Page 1 of 2

Table 2. Well Construction Information

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit#	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsi)	Top of Screen or Open Borehole Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
W-54	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	844.08	845.05	59.26	2.7	1	59	785.1	9.26	59.26	9.0	58.3	835.1	785.8	50
™-55	DPT	MW-10006	2/5/2015	Still in use	Gauging	846.00	845.93	41.50	2.7	1	43	803.0	11.50	41.50	13.0	41.6	833.0	804.4	30.00
W-56	DPT	MW-09978	1/29/2015	10/20/2015	Gauging	844.16	846.91	20.23	2.2	1	17	827.2	10.23	20.23	7.0	17.5	837.2	826.7	10
W-57	DPT	MW-09978	1/29/2015	2/2/2015	Gauging	NS	NS	40.22	2.2	1	39.80	NS	5.22	40.22	4.8	39.8	NS	NS	35
W-58	DPT	MW-09978	1/30/2015	10/20/2015	Gauging	832.27	834.78	20.00	2.7	1	20	812.3	5.00	20.00	5.0	17.5	827.3	814.8	15
W-59	DPT	MW-09978	1/30/2015	1/16/2023	Gauging	834.84	834.78	21.2	2.7	1	22	812.8	6.2	21.2	7.0	21.2	827.8	813.6	15
W-60	DPT	MW-09978	1/30/2015	1/16/2023	Gauging	828.00	828.03	37.2	2.7	1	41.5	786.5	22.2	37.2	26.5	37.2	801.5	790.8	15
W-61	DPT .	MW-09978	2/2/2015	10/20/2015	Gauging	846.08	847.50	10.25	2.2	1	9	837.1	5.25	10.25	4.0	8.8	842.1	837.3	5
W-62	DPT	MW-09978	2/2/2015	10/19/2015	Gauging	850.87	851.45	40.40	2.2	1	35	815.9	10.40	40.40	5.0	39.8	845.9	811.0	30
W-63	DPT	MW-09978	2/2/2015	10/20/2015	Gauging	822.86	826.39	41.30	2.7	1	42	780.9	1.30	41.30	2.0	37.8	820.9	785.1	40
ΓW-64	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.89	845.88	52.85	2.2	1	55	790.9	2.85	52.85	5.0	52.9	840.9	793.0	50.00
W-65	DPT	MW-09978	2/2/2015	8/30/2018	Gauging	845.66	845.62	44.8	2.2	1.0	44.5	801	9.81	44.81	9.5	44.8	836.1593	800.8114	35
ΓW-66	DPT	MW-09978	2/2/2015	Still in use	Gauging	820.18	820.31	23.8	2.7	1.0	24.0	796.18	3.81	23.81	4	23.6801	816.1789	796.4988	20
ΓW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.47	2.7	1	27	825.9	6.47	26.47	7.0	26.6	845.9	826.2	20.00
W-68	DPT	MW-09978	2/3/2015	8/30/2018	Gauging	846.5936	846.4545	29.96	2.2	1	27	819.6	9.96	29.96	7	30.1	839,5936	816.4945	5 20
W-69	DPT	MW-09978	2/3/2015	8/30/2018	Gauging	840.38	840.27	51.9	2.2	1.0	50.0	790	11.91	51.91	10	52.0231	830.3829	788.3598	40
W-70	DPT	MW-09978	2/3/2015	8/30/2018	Gauging	842.0748	841.9539	45.05	2.2	1	43	799.0748	10.05	45.05	8	45.1709	834.0748	796.9039	35
W-71	DPT	MW-09978	2/3/2015	2/5/2015	Gauging	NS	NS	17.39	2.7	1	14.00	NS	7.39	17.39	4.0	14.0	NS	NS	10
W-72	DPT	MW-09978	2/3/2015	10/20/2015	Gauging	850.21	851.48	6.51	2.7	1	9.00	841.2	1.51	6.51	4.0	5.2	846.2	845.0	5
W-73	DPT	MW-09978	2/3/2015	???	Gauging	850.60	850.53	16.0	2.7	1.0	16.0	835	6	16	6	16.0709	844.6035	834.5326	10
W-74	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	853.25	855.25	6.05	2.7	1	5	848.2	3.05	6.05	2.0	4.0	851.2	849.2	3
W-75	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	853.01	854.73	27.56	2.7	1	26.5	826.5	7.56	27.56	6.5	25.8	846.5	827.2	20
W-76	DPT	MW-10006	2/4/2015	???	Gauging	852.53	852.44	43.6	2.7	1.0	43.0	810	8.62	43.62	8	43.7088	844.527	808.8182	35
W-77	DPT	MW-10006	2/4/2015	10/20/2015	Gauging	853.55	853.71	6.30	2.2	1	6.5	847.1	2.30	6.30	2.5	6.1	851.1	847.4	4
W-78	DPT	MW-10006	2/4/2015	10/20/2015	Gauging	854.00	854.17	6.95	2.2	1	7	847.0	2.95	6.95	3.0	6.8	851.0	847.2	4
W-79	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	852.83	854.19	41.20	2.7	1	40	812.8	37.20	41.20	36.0	39.8	816.8	813.0	4
TW-80	DPT	MW-10006	2/5/2015	10/20/2015	Gauging	849.45	849.65	7.00	2.2	1	7	842.4	3.00	7.00	3.0	6.8	846.4	842.6	4
W-81	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	849.48	849.43	7.0	2.2	1.0	7.0	842	3.00	7.00	3.0	7.0	846.5	842.4	4
TW-82	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	849.83	849.64	10	2.2	1	10	839.8	6.00	10.00	6.0	10.2	843.8	839.6	4
W-83	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
TW-83	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-83	· DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-83	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-87	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-88	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-89	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-90	DPT	MW-10006	2/5/2015	8/30/2018	Gauging	850.54	850.44	17	2.2	1	10	840.5	13.00	17.00	6.0	17.1	844.5	833.4	4
W-91	DPT	MW-10006	2/6/2015	10/19/2015	Gauging	846.24	847.76	37.00	2.7	1	37	809.2	33.00	37.00	33.0	35.5	813.2	810.8	4
W-92	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	841.67	842.11	45.00	2.7	1	45	796.7	5.00	45.00	5.0	44.6	836.7	797.1	40
W-93	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	843.08	843.68	50.00	2.7	1	50	793.1	10.00	50.00	10.0	49.4	833.1	793.7	40
ΓW-94	DPT	MW-10006	2/10/2015	Still in use	Gauging	840.75	840.58	40.00	2.7	1	40	8.008	5.00	40.00	5.0	40.2	835.8	800.6	35.00
W-95	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	840.26	840.44	45.00	2.7	1	45	795.3	15.00	45.00	15.0	44.8	825.3	795.4	30
W-96	DPT	MW-10006	42046.00	1/16/2023	Gauging	840.5	840	28.76	2.7	1	30	810.5	3.76	28.76	5.0	28.9	835.5	811.6	25
W-97	DPT	MW-10006	2/11/2015	10/19/2015	Gauging	841.39	844.77	42.00	2.7	1	42	799.4	12.00	42.00	12.0	38.6	829.4	802.8	30
TW-98	DPT	MW-10006	2/11/2015	10/20/2015	Gauging	847.68	847.99	27.00	2.7	1	27	820.7	2.00	27.00	2.0	26.7	845.7	821.0	25
	Sparging Wells			. ,															
/BS-01	low Stem Auger/Wire Line/Air Rot	SCHEU3U3U460M	1/28/2017	Still in use	Browns Creek Protection	NS	NS	38.15	4.00	2.00	38.50	NA	NA	NA	34.50	36.50	NA	NA	2.00
/BS-01 /BS-02	low Stem Auger/Wire Line/Air Rot		42763.00	1/16/2023	Browns Creek Protection	NS	NS	31.05	4.00	2.00	31	NA	NA	NA	27.0	29.0	NA	NA	2

Notes:

Grayed rows indicate wells that have been abandoned.

amsl = above mean sea level relative to North American Vertical Datum of 1988 (NAVD88). Benchmark is 34.8289659 degrees north, 82.3710354 degrees west (NAD83, 2011), elevation 929.1 ft NAVD88.

bgs = below ground surface

in = inches NA = not applicable ID = identification

MW = monitoring well

BTOC = below top of casing DPT = direct push

NS = location not surveyed

RS = recovery sump RT = recovery trench VAS = vertical air sparging well VBS = vertical bedrock sparging well

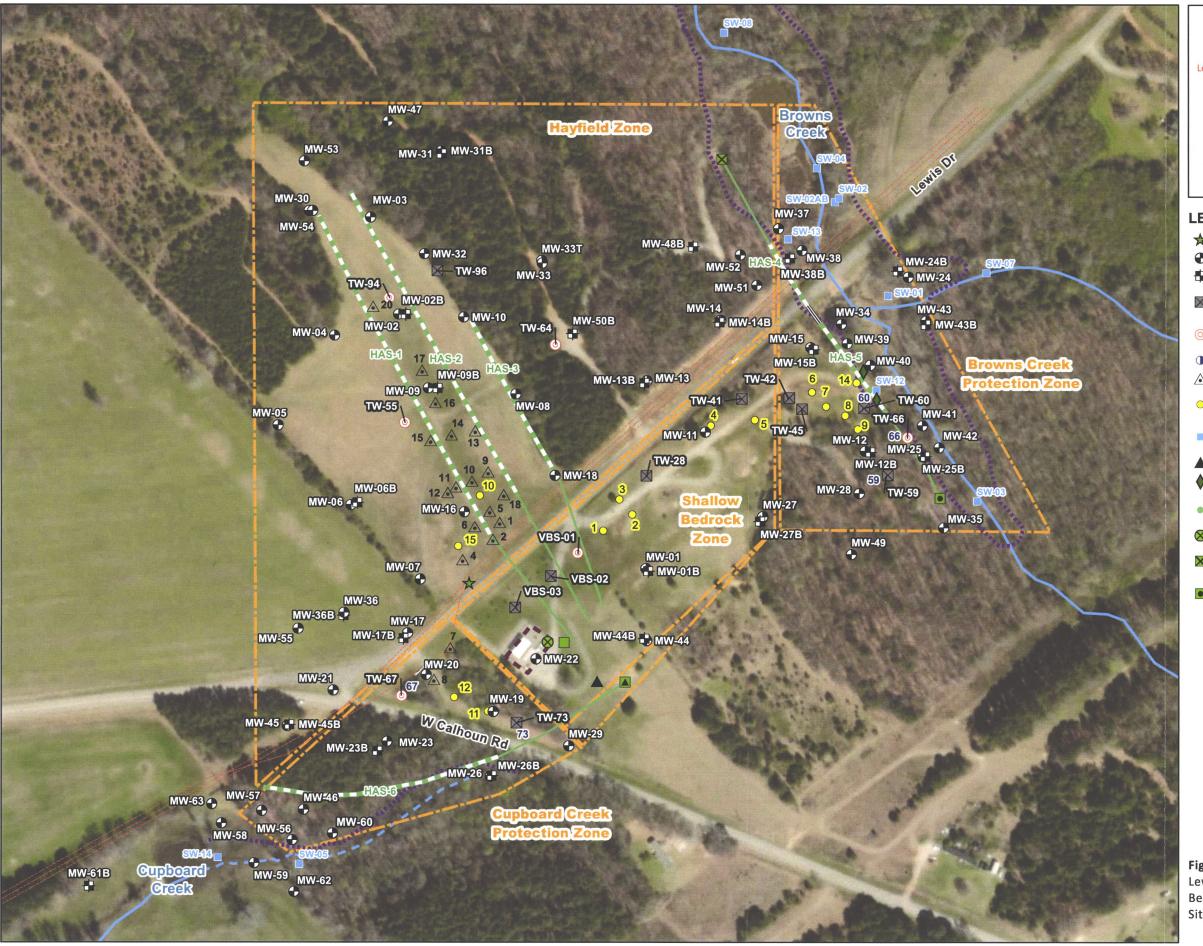
ft = feet HSA = hollow-stem auger RNE = Refusal not encountered TOC = top of casing

RW = recovery well

TW = temporary well

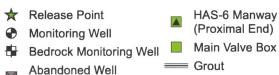
FES0209232312ATL

Figure





LEGEND



Horizontal Sparging Well

Horizontal Sparging Well

Screen

Pipeline

Waterbody

Vegetation

- Intermittent Stream

Sheen or Distressed

Remediation Zone

AS System Compound

Inspection Route for



be Abandoned

PiezometerRecovery Sump

Recovery Well (4-inch diameter)

Surface Water Sampling Location

▲ Septic Tank

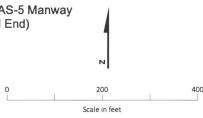
Seep Location

Vertical Saprolite Sparging Well

HAS-1 Manway

HAS-4/HAS-5 Manway (Distal End)

HAS-4/HAS-5 Manway (Proximal End)



Note

TW-55, TW-64, TW-67, and TW-94 could not be located and were unable to be abandoned.

TW-66 was under high pressure from HAS-5 air sparging operations and unable to be abandoned.

VBS-01 was inaccessible due to groundwater levels in the area greater than ground surface and was unable to be abandoned.

Base Map Sources:

Environmental Systems Research Institute (Esri)
ArcMap World Imagery, 2020. Basemap features are approximate.
United States Geological Survey (USGS) National Hydrography
Dataset (NHD)

Figure 1. Well Abandonment Summary

Lewis Drive Remediation Site Belton, South Carolina Site ID #18693 "Kinder Morgan Belton Pipeline Release" Attachment A DHEC Form 1903 Water Well Records

	V	Vater Well Record	Note: Personal information
		Bureau of Water	provided on this document
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2600 Bull Street, Col	umbia, SC 29201-1708; (803) 898-4300	is subject to public scrutiny or release.
1. WELL OWNER INFORMATION:		7. PERMIT NUMBER:	
Name: Products (SE) Pipe Line	Corporation	MW-09978	
(last)	(first)	8. USE:	
Address: 1000 Winward Conco	ourse, Suite 450	e. USE: Residential Public Supply	☐ Process
		☐ Irrigation ☐ Air Conditioning	☐ Emergency
City:Alpharetta State: G	ia. Zip: 30005-000	☐ Test Well ☑ Monitor Well	Replacement
Telephone: Work:	Home:	9. WELL DEPTH (completed) Date Started:	
2. LOCATION OF WELL:	COUNTY: Anderson	31.54 ft. Date Completed:	1-16-23
Name:		10. CASING: Threaded Welded	
Street Address: Lewis Drive		Diam.: Height: Above	
City: Belton	^{Zip:} 29627-0000	Type: PVC Galvanized Surface	
law di nancana		☐ Steel ☐ Other Weight —— in to ———————————————————————————————————	
Latitude: 990103,995 Longitud	de: 1546618.210	in toft. depth	∐ Yes ☑ No
3. PUBLIC SYSTEM NAME: F	PUBLIC SYSTEM NUMBER:	11. SCREEN:	
3. PODEO STOTEM NAME.	TW-41	Type: Diam.;	
4. ABANDONMENT: Yes		Slot/Gauge: Length:	
Give Details Below		Set Between: ft. and ft. NC	OTE: MULTIPLE SCREENS
Grouted Depth: from 31.54	ft. to 0 ft.		SE SECOND SHEET
Grodied Deptil. IIOIII 31.54	*Thickness Depth to	Sieve Analysis ☐ Yes (please enclose) ☑ No	
Formation Description	of Bottom of		elow land surface after 24 hours
•	Stratum Stratum	13. PUMPING LEVEL Below Land Surface.	
		ft. after hrs. Pumping	G.P.M.
		Pumping Test: ☐ Yes (please enclose) ☑ No Yield:	
	+	14. WATER QUALITY	D. W. D.
		Chemical Analysis Yes No Bacterial Analysis Please enclose lab results.	∐ Yes ∐ No
		15. ARTIFICIAL FILTER (filter pack) Yes No	
		Installed from ft. to _	n.
		Effective size Uniformity Coeffic	
		16. WELL GROUTED? Yes No	
		□ Neat Cement □ Bentonite □ Bentonite/Cement □	1 Other
		Depth: Fromft. to	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION:	
		Туре	
		Well Disinfected ☐ Yes ☐ No Type:	Amount:
		18. PUMP: Date installed:	Not installed
		Mfr. Name: Model No.:	
	+	H.P Volts Length of drop pipe	
		TYPE: Submersible Jet (shallow)	
		☐ Jet (deep) ☐ Reciprocating ☐	
			NO.: 1892-D
		Address: (Print) Level: 30 Grant Park Place	A B C D (circle one)
		with the state of the state	
*Indicate Water Bearing Zones		Telephone No.: 864-288-1986 Fax No	o.: 864-288-2272
		20. WATER WELL DRILLER'S CERTIFICATION: This well was	
(Use a 2nd sheet if needed)	<u> </u>	my direction and this report is true to the best of my know	ledge and belief.
5. REMARKS:			
		Signed. Marine de Alexandre	Date: 1-24-23
		Well Drifter	Date.

6. TYPE: Mud Rotary

Dug Dug

☐ Cable tool

☐ Jetted ☐ Air Rotary

☐ Other

☐ Bored

☐ Driven

Randy Phillips 1096-A COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record Note: Personal information provided on this document **Bureau of Water** is subject to public scrutiny 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300 or release. 7. PERMIT NUMBER: MW-09978 1. WELL OWNER INFORMATION: Name: Products (SE) Pipe Line Corporation 8. USE: Address: 1000 Winward Concourse, Suite 450 ☐ Residential □ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency Zip: 30005-000 State: Ga. Replacement ☐ Test Well Monitor Well 9. WELL DEPTH (completed) Date Started: 1-16-23 Telephone: Work: Home: 2. LOCATION OF WELL: COUNTY: Anderson 29.5 Date Completed: 1-16-23 10. CASING: Threaded Welded Street Address: Lewis Drive Diam.: Height: Above/Below Surface ____ Type: D PVC D Galvanized City: Belton Zip: 29627-0000 Weight -----☐ Steel ☐ Other ____ in. to _____ ft. depth Drive Shoe? ☐ Yes ☑ No Latitude: 990103,575 Longitude: 1546717,088 _____ in. to ______ft. depth 3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: 11. SCREEN: Type: _ TW-42 Slot/Gauge: _____ Length: ____ 4. ABANDONMENT: Yes No Set Between: ft. and ft. NOTE: MULTIPLE \$CR NOTE: MULTIPLE SCREENS Give Details Below ft. to <u>0</u> Grouted Depth: from 29.5 Sieve Analysis 🔲 Yes (please enclose) 🗹 No *Thickness Depth to 12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours **Formation Description** of **Bottom of** 13. PUMPING LEVEL Below Land Surface. Stratum Stratum _____ ft. after ______ hrs. Pumping _____ Pumping Test: ☐ Yes (please enclose) ☑ No Yield: 14. WATER QUALITY Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results. 15. ARTIFICIAL FILTER (filter pack) Yes No Installed from It. to Effective size Uniformity Coefficient 16. WELL GROUTED? | Yes | No ☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other Depth: From __ ft. to 0 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ______ ft____ Well Disinfected ☐ Yes ☑ No Type: _____ Amount: Not installed 18. PUMP: Date installed: ___ Mfr. Name: ____ Model No.: Volts____ __ Length of drop pipe __ TYPE: Submersible Jet (shallow) Turbine Jet (deep) Reciprocating Centrifugal 19. WELL DRILLER; Marcello Gonzales CERT. NO.: 1892-D Address: (Print) 30 Grant Park Place Level: A B C D (circle one) Fax No.: 864-288-2272 *Indicate Water Bearing Zones Telephone No.: 864-288-1986 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under

DHEC 1903 (08/2017)

6. TYPE: A Mud Rotary

Dug

☐ Cable tool

5. REMARKS:

(Use a 2nd sheet if needed)

Randy Phillips 1096-A

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

☐ Bored

☐ Driven

☐ Jetted

☐ Other

☐ Air Rotary

my direction and this report is true to the best of my knowledge and belief.

Signed: Marrial Dongal

Modhec		Vater Well Record Bureau of Water Burbia, SC 29201-1708; (803) 898-4300 Note: Personal information provided on this document is subject to public scrutiny or release.
1. WELL OWNER INFORMATION: Name: Products (SE) Pipe Line	Corporation	7. PERMIT NUMBER: MW-09978
(last) Address: 1000 Winward Conce	(first)	8. USE: Residential Public Supply Process
City:Alpharetta State: G	Sa. Zip: 30005-000	Irrigation
Telephone: Work:	Home:	9. WELL DEPTH (completed) Date Started: 1-16-23
2. LOCATION OF WELL:	COUNTY: Anderson	
Name:		10. CASING: Threaded Welded
Street Address: Lewis Drive		Diam.: Height: Above/Below
City: Belton	^{Zip:} 29627-0000	Type: PVC Galvanized Surfaceft.
		☐ Steel ☐ Other Weight lb./ft.
Latitude: 990080.291 Longitu	ide: 1546743.717	in, toft. depth
2 DUDI IC GVOTER NAME.	DUDU IO OVOTERA NUMBER.	11. SCREEN:
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER: TW-45	Type: Diam.:
		Slot/Gauge: Length:
4. ABANDONMENT: Yes		Set Between: ft. and ft. NOTE: MULTIPLE SCREENS
Give Details Below Grouted Depth: from 30.24	w ft. to 0 ft.	ft. and ft. USE SECOND SHEET
Grouted Depth. From 30.24	*Thickness Depth to	Sieve Analysis ☐ Yes (please enclose) ☑ No
Formation Description	of Bottom of	12. STATIC WATER LEVEL ft. below land surface after 24 hours
•	Stratum Stratum	13. PUMPING LEVEL Below Land Surface.
		ft. after hrs. Pumping G.P.M.
		Pumping Test: ☐ Yes (please enclose) ☑ No
		Yield:
		14. WATER QUALITY
		Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results.
		15. ARTIFICIAL FILTER (filter pack) Yes No
		Installed from ft. to t.
		Installed from ft. to ft. Effective size Uniformity Coefficient
		16. WELL GROUTED? Yes No
		□ Neat Cement □ Bentonite □ Bentonite/Cement □ Other
		Depth: Fromft. to 0ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction
		Type
		Well Disinfected ☐ Yes ☑ No Type: Amount
		18. PUMP: Date installed: Not installed Mfr. Name: Model No.:
		H.P. Volts Length of drop pipe ft. Capacity gpm
		TYPE: Submersible Jet (shallow) Turbine
		☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
		19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D
		Address: (Print) Level: A B C D (circle one)
		30 Grant Park Place
*Indicate Water Bearing Zones		Telephone No.: 864-288-1986 Fax No.: 864-288-2272
		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
(Use a 2nd sheet if needed)		my direction and this report is true to the best of my knowledge and belief.
5. REMARKS:		
		24 6 8 4
		Signed: Manufe Sofal Date: 1-24-23
		Well Driller

6. TYPE: Mud Rotary

🗆 Dug

☐ Cable tool

Randy Phillips 1096-A

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

If D Level Driller, provide supervising driller's name:

☐ Bored

☐ Driven

☐ Jetted

☐ Air Rotary
☐ Other

Thosa		Water Well Record Bureau of Water Note: Personal informs provided on this docum is subject to public soru	ent
VEULIEC	2600 Bull Street,	, Columbia, SC 29201-1708; (803) 898-4300 or release.	,
1. WELL OWNER INFORMATION:	Companie	7. PERMIT NUMBER: MW-09978	
Name: Products (SE) Pipe Line (last)	(first)	8. USE:	
Address: 1000 Winward Conco	ourse, Suite 450	Residential Public Supply Process	
City:Alpharetta State: G	a. Zip: 30005-0	OOO Irrigation Air Conditioning Emergency	
Tolanhara Maria	••	Test Well Monitor Well Replacement 9. WELL DEPTH (completed) Date Started: 1-16-23	
Telephone: Work: 2. LOCATION OF WELL:	Home: COUNTY: Anderson		
Name:	- Anderson	10.13 ft Date Completed: 1-16-23	
Street Address: Lewis Drive		Diam.: Height: Above/Below	
City: Belton	^{Zip:} 29627-0000	Type: PVC Galvanized Surface	
Latitude: 989944,219 Longitu	de: 1546921.479	in. toft. depth Drive Shoe? Yes No	ML.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		in. to	
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUM	BER: 11. SCREEN: Type: Diam.;	
	TW-59	Slot/Gauge: Length:	_
4. ABANDONMENT: ☑ Yes [Give Details Belov		Set Between: ft. and ft. NOTE: MULTIPLE SCREENS	
	ft. to <u>0</u>	ft. andft. USE SECOND SHEET ft. Sieve Analysis ☐ Yes (please enclose) ☑ No	
	*Thickness Dept	th to 12 STATIC WATER EVE ft below land surface after 24 ho	NILS
Formation Description	of Botto	om or	
		ft. after hrs. Pumping G.P.M.	
		Pumping Test: ☐ Yes (please enclose) ☑ No Yield:	
		14. WATER QUALITY	
		Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No	
		Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack)	
		Installed from ft. to Effective size Uniformity Coefficient	π.
		16. WELL GROUTED? Yes No	
		□ Neat Cement □ Bentonite □ Bentonite/Cement □ Other	
	-	Depth: From ft. to 0	ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction	
		Well Disinfected ☐ Yes ☑ No Type: Amount:	
		18. PUMP: Date installed: Not installed	
		Mfr. Name: Model No.: ft. Capacity g	
		TYPE: Submersible Set (Shallow) Turbine	м
		☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal	
		19. WELL DRILLER; Marcello Gonzales CERT. NO.: 1892-D	
		Address: (Print) 30 Grant Park Place Level: A B C D (circle on	e)
*Indicate Water Bearing Zones		Telephone No.: 864-288-1986 Fax No.: 864-288-2272	
(Use a 2nd sheet if needed)		 WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief. 	
5. REMARKS:		my another and this report is use to the best of my knowledge and belief.	

6. TYPE:
Mud Rotary

☐ Dug

☐ Jetted

☐ Other

☐ Air Rotary

□ Bored

☐ Driven

Randy Phillips 1096-A

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Signed Manach Songale

	l	Vater Well Record Note: Personal information Bureau of Water Note: Personal information provided on this document
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		umbia, SC 29201-1708; (803) 898-4300 is subject to public scrutiny or release.
1. WELLOWNER INFORMATION:		7. PERMIT NUMBER: MW-09978
Name: Products (SE) Pipe Line (last)	Corporation (first)	
		8. USE:
Address: 1000 Winward Conco	burse, Suite 450	☐ Residential ☐ Public Supply ☐ Process
City:Alpharetta State: G	Sa. Zip: 30005-000	☐ Irrigation ☐ Air Conditioning ☐ Emergency
·	,	☐ Test Well ☑ Monitor Well ☐ Replacement 9. WELL DEPTH (completed) Date Started: 1-16-23
Telephone: Work:	Home:	
	COUNTY: Anderson	8.72 ft. Date Completed. 1-16-23
Name:		10. CASING: Threaded Welded
Street Address: Lewis Drive	7:	Diam.: Height: Above/Below Type: PVC Galvanized Surface ft.
City: Belton	^{Zip:} 29627-0000	Steel Other Weightb./ft.
1	4	in toft depth Drive Shoe? Yes No
Latitude: 990083.712 Longitu	ide: 1546872.885	in. to ft. depth
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER:	11. SCREEN:
3. FUBLIC STSTEM NAME:	TW-60	Type: Diam.:
		Slot/Gauge: Length:
4. ABANDONMENT:		Set Between: ft. and ft. NOTE: MULTIPLE SCREENS
Give Details Below		ft. andft. USE SECOND SHEET
Grouted Depth: from 8.72		Sieve Analysis ☐ Yes (please enclose) ☑ No
Formation Bosoniation	*Thickness Depth to of Bottom of	12. STATIC WATER LEVEL ft. below land surface after 24 hours
Formation Description	Stratum Stratum	13. PUMPING LEVEL Below Land Surface.
		ft. after hrs. Pumping G.P.M.
		Pumping Test: ☐ Yes (please enclose) ☑ No
		Yield:
		14. WATER QUALITY
		Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
		Please enclose lab results.
		15. ARTIFICIAL FILTER (fitter pack)
		Installed fromft toft
		Effective size Uniformity Coefficient
		16. WELL GROUTED? Yes No
		☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other
		Depth: From ft. to 0 ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction
		Туре
		Well Disinfected ☐ Yes ☑ No Type: Amount:
		18. PUMP: Date installed: Not installed
		Mfr. Name: Model No.:
		H.P. Volts Length of drop pipe ft. Capacity gpm
		TYPE: Submersible Jet (shallow) Turbine
		☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
		19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D
		Address: (Print) Level: A B C D (circle one)
İ		OV Grant Face
*Indicate Water Bearing Zones	i I	4
Indicate viole: Dealing Lones		Telephone No. 864-288-1986 Fax No. 864-288-2272
1		Telephone No : 864-288-1986 Fax No : 864-288-2272 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
(Use a 2nd sheet if needed)		
(Use a 2nd sheet if needed) 5. REMARKS:		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under

6. TYPE:
Mud Rotary

☐ Dug

☐ Cable tool

☐ Jetted ☐ Air Rotary

□ Other

☐ Bored

Driven

Randy Phillips 1096-A

COPY 1 MAIL TO SCOMEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record Bureau of Water

Note: Personal information provided on this document is subject to public scrutiny

TV GITICC	2000 Bull S	ereet, Coi	umbia, 5C 29201-1706; (603) 696-4300 or release.
1. WELL OWNER INFORMATION: Name: Products (SE) Pipe Line			7. PERMIT NUMBER: MW-09978
(last)	(first		8. USE:
Address: 1000 Winward Conco	ourse, Suite 4	50	☐ Residential ☐ Public Supply ☐ Process
City:Alpharetta State: G	a. Zip: 30	005-000	☐ Irrigation ☐ Air Conditioning ☐ Emergency
- Apriareda - Santi- C	L. L.P. 00	000 000	☐ Test Well ☐ Monitor Well ☐ Replacement
Telephone: Work:	Home:		9. WELL DEPTH (completed) Date Started: 1-16-23
2. LOCATION OF WELL:	COUNTY: Ande	rson	ft.
Name:			10. CASING: ☐ Threaded ☐ Welded
Street Address: Lewis Drive			Diam.: Height: Above/Below
City: Belton	Zip: 29627-0	0000	Type: PVC Galvanized Surfaceft.
			Steel Other Weight lb./ft.
Latitude: 989429.600 Longitud	de: 1546151.90)5	in toft_depth Drive Shoe? Yes No
			in. toft. depth
3. PUBLIC SYSTEM NAME: F	PUBLIC SYSTEM	I NUMBER:	11. SCREEN: Type: Diam.;
	TW-73		Slot/Gauge: Length:
4. ABANDONMENT: Yes	□ No		Set Between:ft. andft. NOTE: MULTIPLE SCREENS
Give Details Below	٧		ft. andft. USE SECOND SHEET
Grouted Depth: from 16		ft.	Sieve Analysis ☐ Yes (please enclose) ☑ No
5	*Thickness	•	12. STATIC WATER LEVEL ft. below land surface after 24 hours
Formation Description	of Stratum	Bottom of Stratum	13. PUMPING LEVEL Below Land Surface.
	1 0.1.4	Ottatam	ft. after hrs. Pumping G.P.M.
			Pumping Test: ☐ Yes (please enclose) ☑ No
			Yield:
			14. WATER QUALITY
			Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
			Please enclose lab results.
			15. ARTIFICIAL FILTER (filter pack)
			Installed from ft. to ft.
	1 1		Effective size Uniformity Coefficient
			16. WELL GROUTED? Yes No
			☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other
	+		
			17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction Type
			Well Disinfected ☐ Yes ☑ No Type: Amount:
			18. PUMP: Date installed: Not installed
			Mfr. Name: Model No.:
			H.PVoltsLength of drop pipeft. Capacity gpm
			TYPE: Submersible Jet (shallow) Turbine
	1		☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
			19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D
			Address: (Print) Level: A B C D (circle one)
			30 Grant Park Place
*Indicate Water Bearing Zones			Telephone No.: 864-288-1986 Fax No.: 864-288-2272
Indicate Water Dealing Lone's			20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
(Use a 2nd sheet if needed)			my direction and this report is true to the best of my knowledge and belief.
5. REMARKS:			
	1		4 / 4
			Signed: Marical Systam Date: 1-24-23
			Signed: Met Driller Date: 124-23
6. TYPE: ☐ Mud Rotary ☐ Jette	d DB	lored	If D. I. and Dellas accorded a companion della de accorde
Dug Dar Air R	_	Oriven	If D Level Driller, provide supervising driller's name:
☐ Cable tool ☐ Othe			Randy Phillips 1096-A
L			
DHEC 1903 (08/2017)	COPY 1 M	AIL TO SCOH	IEC. COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record Note: Personal information provided on this document is subject to public scrutiny **Bureau of Water** 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300 or release. 7. PERMIT NUMBER: MW-10006 Name: Products (SE) Pipe Line Corporation 8. USE: Address: 1000 Winward Concourse, Suite 450 ☐ Process ☐ Residential Public Supply ☐ Irrigation ☐ Test Well ☐ Emergency ☐ Air Conditioning State: Ga. Zip: 30005-000 City: Alpharetta ☑ Monitor Well ☐ Replacement 9. WELL DEPTH (completed) Date Started: 1-16-23 Telephone: Work: Home: 2. LOCATION OF WELL: Date Completed: 1-16-23 **COUNTY:** Anderson 27.38 10. CASING: Threaded Welded Name: Street Address: Lewis Drive Diam.: __ Height: Above/Below Surface ______ Type: D PVC D Galvanized City: Belton Zip: 29627-0000 ☐ Steel ☐ Other ... 1b./ft. Drive Shoe? ☐ Yes ☑ No in. to ft. depth Latitude: 990369,269 Longitude: 1545983.540 _____ in. to ______ft. depth 3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: ____ Diam.: --Type: Slot/Gauge: _____ Length: ___ 4. ABANDONMENT: Yes No Set Between: ______ ft. and ______ ft. _____ ft. _____ ft. _____ ft. NOTE: MULTIPLE SCREENS USE SECOND SHEET Give Details Below Grouted Depth: from 27.38 ft. to 0 Sieve Analysis 🔲 Yes (please enclose) 🗟 No *Thickness Depth to 12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours Formation Description **Bottom of** 13. PUMPING LEVEL Below Land Surface. Stratum Stratum ft. after _____ hrs. Pumping ____ Pumping Test: [] Yes (please enclose) @ No Yield: 14. WATER QUALITY Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results 15. ARTIFICIAL FILTER (filter pack) Yes No Installed from _____ Effective size _____ Uniformity Coefficient ___ 16. WELL GROUTED? Yes No ☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ft. to 0 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _ Not installed 18. PUMP: Date installed: Mfr. Name: _____ Model No.: _____ H.P. Voits Length of drop pipe ft. Cep TYPE: Submersible Jet (shallow) Turbine Jet (deep) Reciprocating Centrifugal __ ft. Capacity ____ gpm 19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D Level: A B C D (circle one) Address: (Print) 30 Grant Park Place Telephone No.: 864-288-1986 Fax No.: 864-288-2272 *Indicate Water Bearing Zones 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and beli (Use a 2nd sheet if needed) 5. REMARKS:

DHEC 1903 (08/2017)

6. TYPE: Mud Rotary

□ Dua

Cable tool

☐ Jetted

☐ Other

Air Rotary

□ Bored

☐ Driven

Randy Phillips 1096-A

COPY 1 MAIL TO SCOHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Signed: March Montal

Water Well Record Note: Personal information provided on this document **Bureau of Water** is subject to public scrutiny 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300 or release. 7. PERMIT NUMBER: SCHE03020469M Name: Products (SE) Pipe Line Corporation (last) 8. USE: Address: 1000 Winward Concourse, Suite 450 ☐ Process ☐ Residential Public Supply ☐ Emergency ☐ Irrigation ☐ Air Conditioning Zip: 30005-000 State: Ga. City:Alpharetta ☐ Test Well Monitor Well ☐ Replacement 9. WELL DEPTH (completed) Date Started: 1-16-23 Telephone: Work: Home: **COUNTY:** Anderson Date Completed: 1-16-23 2. LOCATION OF WELL: 31.30 10. CASING: Threaded Welded Name: Street Address: Lewis Drive Diam.: Height: Above/Below Type: PVC Galvanized Surface _____ Zip: 29627-0000 City: Belton ☐ Steel ☐ Other Weight ___ __ lb./ft. Drive Shoe? ☐ Yes ☑ No in. to ———— ft. depth Latitude: 989733.146 Longitude: 1546223.970 _____ in. to _____ ft. depth 11. SCREEN: PUBLIC SYSTEM NUMBER: 3. PUBLIC SYSTEM NAME: ___ Diam.: -Type: Slot/Gauge: _____ Length: _ 4. ABANDONMENT: ☑ Yes ☐ No Set Between: ______ ft. and ______ ft. _____ ft. NOTE: MULTIPLE SCREENS Give Details Below USE SECOND SHEET Grouted Depth: from 31.30 ft. to 0 Sieve Analysis Yes (please enclose) No *Thickness Depth to of Bottom of Stratum 12. STATIC WATER LEVEL _____ ____ ft. below land surface after 24 hours **Formation Description** 13. PUMPING LEVEL Below Land Surface. _ ft. after _____ hrs. Pumping __ Pumping Test: ☐ Yes (please enclose) ☑ No Yield: 14. WATER QUALITY Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No ____ Uniformity Coefficient _ Effective size _ 16. WELL GROUTED? | Yes | No ☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other __ ft. to_0_ 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: Well Disinfected ☐ Yes ☑ No Type: ______ Amount: _ _____ Not installed 18. PUMP: Date installed: Mfr. Name: ____ Model No.: Volts Length of drop pipe ft. Capacity gpm H.P. TYPE: Submersible Jet (shallow) Turbine Jet (deep) Reciprocating Centrifugal 19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D Level: A B C D (circle one) Address: (Print) 30 Grant Park Place Fax No.: 864-288-2272 *Indicate Water Bearing Zones Telephone No.: 864-288-1986 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under (Use a 2nd sheet if needed) my direction and this report is true to the best of my knowledge and belief 5. REMARKS: Marale Sompile

DHEC 1903 (08/2017)

6. TYPE: Mud Rotary

□ Dug

☐ Cable tool

☐ Jetted

☐ Other

☐ Air Rotary

☐ Bored

☐ Driven

Randy Phillips 1096-A

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

	1	Rureau of Water provid	: Personal information ded on this document
Vanec		is sub umbia, SC 29201-1708; (803) 898-4300 or refe	oject to public scrutiny ease.
1. WELLOWNER INFORMATION:		7. PERMIT NUMBER:	
Name: Products (SE) Pipe Line	Corporation (first)	SCHE03020469M	
Address: 1000 Winward Conco	ourse, Suite 450	8. USE: Residential Public Supply	☐ Process
City:Alpharetta State: G	Ga. Zip: 30005-000	☐ Irrigation ☐ Air Conditioning ☐ Test Well ☑ Monitor Well	☐ Emergency ☐ Replacement
Telephone: Work:	Home:	9. WELL DEPTH (completed) Date Started: 1-16-	23
2. LOCATION OF WELL:	COUNTY: Anderson	36.37 ft. Date Completed: 1-16-	-23
Name:		10. CASING: Threaded Welded	
Street Address: Lewis Drive		Diam.: Height: Above/Below	
City: Belton	^{Zip:} 29627-0000	Type: PVC Galvanized Surface Surface Weight	ft.
Latitude: 989668.841 Longitu	ide: 1546148.569	in. toft. depth Drive Shoe?	s I No
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER:	11. SCREEN:	
U. PODEO STOTEM NAME:	VBS-03	Type: Diam.:	
4 ADAMPONIMENT. FI Voc		Slot/Gauge: Length:	
4. ABANDONMENT: Yes Give Details Below			ILTIPLE SCREENS
			OND SHEET
Grouted Depth. from 30.37	ft. to 0 ft.	Sieve Analysis 🔲 Yes (please enclose) 🗹 No	
Formation Description	of Bottom of	12. STATIC WATER LEVEL ft. below land	surface after 24 hours
	Stratum Stratum	13. PUMPING LEVEL Below Land Surface	GPM
		Pumping Test: Yes (please enclose) No	G.F.W.
		Yield:	
		14. WATER QUALITY	
		Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Ye	es 🗆 No
		Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack) Yes No	
		Installed from	π
		16. WELL GROUTED? ☐ Yes ☐ No ☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other	
		Depth: Fromft. to 0	ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft	
		Type Amour	x :
			ot installed
		Mfr. Name: Model No.:	
		H.P. Volts Length of drop pipe ff TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbir	
		TYPE: Submersible Jet (shallow) I furbing Jet (deep) Reciprocating Centric	-
		19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1	
			C D (circle one)
		30 Grant Park Place	
*Indicate Water Bearing Zones		Telephone No.: 864-288-1986 Fax No.: 864	
(Use a 2nd sheet if needed)		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled using direction and this report is true to the best of my knowledge as	
5. REMARKS:		my direction and this report is true to the best of my knowledge a	and solid.
J. Memorino.			
		Signed: Mariela Sonjak	24.22
		Signed: 1 Gilla Dinjak	Date: 1-24-23

6. TYPE:

Mud Rotary

☐ Dug
☐ Cable tool

☐ Jetted
☐ Air Rotary
☐ Other

□ Bored

☐ Driven

Randy Phillips 1096-A COPY 1 MAIL TO SCOHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record Note: Personal information provided on this document is subject to public scrutiny **Bureau of Water** 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300 7. PERMIT NUMBER: MW-09978 1. WELL OWNER INFORMATION: Name: Products (SE) Pipe Line Corporation A LISE Address: 1000 Winward Concourse, Suite 450 ☐ Residential ☐ Public Supply ☐ Emergency ☐ Irrigation ☐ Air Conditioning State: Ga. Zip: 30005-000 City: Alpharetta ☐ Test Well ✓ Monitor Well ☐ Replacement 9. WELL DEPTH (completed) Date Started: 1-16-23 Telephone: Work: Home **COUNTY:** Anderson Date Completed: 1-16-23 2. LOCATION OF WELL: 10. CASING: Threaded Welded Name Street Address: Lewis Drive Diam.: Height: Above/Below Type: D PVC D Galvanized Surface _____ City: Belton Zip: 29627-0000 ☐ Steel ☐ Other Weight Drive Shoe? Yes I No ____ in to _____ ft. deoth Latitude: 989942.465 Longitude: 1546422.102 in. to _____ft. depth 11. SCREEN: 3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: Type: _ TW-28 Slot/Gauge: _____ Length: ____ 4. ABANDONMENT: Yes No Set Between: ______ ft. and ______ ft. _____ ft. _____ ft. NOTE: MULTIPLE SCREENS Give Details Below USE SECOND SHEET Grouted Depth: from 28 ___ ft. to <u>0</u> Sieve Analysis 🔲 Yes (please enclose) 🗹 No *Thickness Depth to 12. STATIC WATER LEVEL ______ ft. below land surface after 24 hours of Bottom of **Formation Description** 13. PUMPING LEVEL Below Land Surface. Stratum Stratum ft. after hrs. Pumping G.P.M. Pumping Test: [] Yes (please enclose) [No Yield: ___ 14. WATER QUALITY Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results. 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No Installed from ft to Effective size Uniformity Coefficient _ 16. WELL GROUTED? | Yes | No ☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _ __ ft. to _0__ 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft___ Well Disinfected ☐ Yes ☑ No Type: _____ Amount: Not installed 18. PUMP: Date installed: Mfr. Name: Model No.: H.P. Volts Length of drop pipe ft. Capacity gpm TYPE: Submersible Jet (shallow) Turbine Jet (deep) Reciprocating Centrifugal 19. WELL DRILLER: Marcello Gonzales CERT. NO.: 1892-D Level: A B C D (circle one) Address: (Print) 30 Grant Park Place Telephone No.: 864-288-1986 Fax No.: 864-288-2272 *Indicate Water Bearing Zones 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under

DHEC 1903 (08/2017)

6. TYPE: Mud Rotary

□ Dug

☐ Cable tool

5. REMARKS:

(Use a 2nd sheet if needed)

☐ Jetted

☐ Other

☐ Air Rotary

□ Bored

☐ Driven

Randy Phillips 1096-A

COPY 1 MAIL TO SCOHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

my direction and this report is true to the best of my knowledge and belief

Signed: Marcul Song she Date:

		Vater Well Record Bureau of Water	Note: Personal information provided on this document
Y anec		umbia, SC 29201-1708; (803) 898-4300	is subject to public scrutiny or release.
1. WELLOWNER INFORMATION: Name: Products (SE) Pipe Line	Corporation	7. PERMIT NUMBER: MW-09978	
(last) Address: 1000 Winward Conco	(first)	8. USE: Residential Public Supply	□ Process
City:Alpharetta State: G	a. Zip: 30005-000	☐ Irrigation ☐ Air Conditioning ☐ Test Well ☑ Monitor Well	☐ Emergency ☐ Replacement
Telephone: Work: 2. LOCATION OF WELL:	Home: COUNTY: Anderson	, , , ,	1-16-23
Name: Street Address: Lewis Drive City: Belton	Zip: 29627-0000 de: 1546422.102	1	Below
	PUBLIC SYSTEM NUMBER: TW-28	11. SCREEN: Type: Diam.: Slot/Gauge: Length:	
4. ABANDONMENT: Give Details Below Grouted Depth: from 28			TE: MULTIPLE SCREENS E SECOND SHEET
Formation Description	*Thickness Depth to	12. STATIC WATER LEVEL	ow land surface after 24 hours
	Stratum Stratum	13. PUMPING LEVEL Below Land Surfaceft. after hrs. Pumping Pumping Test: ☐ Yes (please enclose) ☑ No Yield: 14. WATER QUALITY Chemical Analysis ☐ Yes ☐ No Bacterial Analysis	
		Please enclose lab results. 15. ARTIFICIAL FILTER (filter pack)	
		16. WELL GROUTED? Yes No No Neat Cement Bentonite Bentonite/Cement Depth: From ft. to (
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: Type Well Disinfected □ Yes ☑ No Type:	
		Mfr. Name: Model No.:	Not installed
		H.P. Volts Length of drop pipe TYPE: Submersible Jet (shallow) Jet (deep) Reciprocating	Turbine
			NO.: 1892-D A B C D (circle one)
*Indicate Water Bearing Zones		Telephone No.: 864-288-1986 Fax No. 20. WATER WELL DRILLER'S CERTIFICATION: This well was on the second sec	o.: 864-288-2272 drilled under
(Use a 2nd sheet if needed) 5. REMARKS:		my direction and this report is true to the best of my knowl	1
6. TYPE:	ed 🗋 Bored	Signed: Konselic Kim zkin Wed Driller If D Level Driller, provide supervising driller's name:	Date: 1-24-23

☐ Dug
☐ Cable tool

☐ Air Rotary
☐ Other

☐ Driven

Randy Phillips 1096-A COPY 1 MAIL TO SCOHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER