



WELLHEAD ABANDONMENT FORM

SITE NAME: Ludwig 17-1							DATE: 4/28/2022	REM. PROJECT #:	WEATHER: SUNNY, 65 F
SITE DIRECTIONS: Cr 38 & Cr 39, W1.0, S0.4, W0.2, N0.1 into							CLIENT: Oxy		
LEGALS AND LAT/LONG: 40.258122,-104.719963							TASMAN PERSONNEL: Patrick Downs		
SOIL TYPES: Clayey Sand - SC							SURFACE GRADIENT: Northwest		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
4/28/2022 09:00	WH-B01@6'	0.1	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
4/28/2022 09:02	FL-B01@4'	0.7	No Staining	No Odor	Yes	Lab	Separator		
4/28/2022 09:04	WH-N01@5'	0	No Staining	No Odor	Yes	N/A	Emission Control Device (ECD)		
4/28/2022 09:06	WH-S01@5'	0	No Staining	No Odor	Yes	N/A	Dump Line		
4/28/2022 09:08	WH-E01@5'	0	No Staining	No Odor	Yes	N/A	Wellhead		1
4/28/2022 09:10	WH-W01@5'	0	No Staining	No Odor	Yes	N/A	Flowline		
4/28/2022 09:12	WHS-N01@3"	0	No Staining	No Odor	Yes	N/A	Other:		
4/28/2022 09:14	WHS-S01@3"	0	No Staining	No Odor	Yes	N/A	Soil Loads Removed		
4/28/2022 09:16	WHS-E01@3"	0	No Staining	No Odor	Yes	N/A	IMPACTED SOIL IDENTIFIED?		
4/28/2022 09:18	WHS-W01@3"	0	No Staining	No Odor	Yes	N/A	ESTIMATED VOLUME OF IMPACTS:		
5/11/2022 14:33	WH-B02@9'	0.4	No Staining	No Odor	Yes	Lab	Date	Number	CY
5/11/2022 14:34	WH-N02@8'	0.0	No Staining	No Odor	Yes	Lab			
5/11/2022 14:35	WH-S02@8'	0.0	No Staining	No Odor	Yes	Lab			
5/11/2022 14:36	WH-E02@8'	0.0	No Staining	No Odor	Yes	Lab			
5/11/2022 14:37	WH-W02@8'	0.1	No Staining	No Odor	Yes	Lab			
5/17/2022 14:00	FL-B02@3'	0.4	No Staining	No Odor	Yes	Lab	Total Removed		0 0
6/2/2022 13:00	WH-B03@12'	0.0	No Staining	No Odor	Yes	Lab	Disposal Facility:		
6/2/2022 13:02	WH-N03@10'	0.0	No Staining	No Odor	Yes	Lab	Groundwater Recovery		
6/2/2022 13:04	WH-S03@10'	0.0	No Staining	No Odor	Yes	Lab	DATE GW ENCOUNTERED:		DEPTH:
6/2/2022 13:06	WH-E03@10'	0.0	No Staining	No Odor	Yes	Lab	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
6/2/2022 13:08	WH-W03@10'	0.0	No Staining	No Odor	Yes	Lab			
6/2/2022 13:10	BG-01@10'	0.0	No Staining	No Odor	Yes	Lab	LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date		BBLS
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		



WELLHEAD ABANDONMENT FORM

SITE NAME: Ludwig 17-1							DATE: 6/2/2022	REM. PROJECT #:	WEATHER: Sunny, 70 F
SITE DIRECTIONS: Cr 38 & Cr 39, W1.0, S0.4, W0.2, N0.1 into							CLIENT: Oxy		
LEGALS AND LAT/LONG: 40.258122,-104.719963							TASMAN PERSONNEL: Patrick Downs		
SOIL TYPES: Clayey Sand - SC							SURFACE GRADIENT: Northwest		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
6/2/2022 13:12	BG-01@12'	0.0	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
6/2/2022 13:14	BG-02@10'	0.0	No Staining	No Odor	Yes	Lab	Separator		
6/2/2022 13:16	BG-02@12'	0.0	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		
6/21/2022 12:10	WH-B04@14'	0.2	No Staining	No Odor	Yes	Lab	Dump Line		
6/21/2022 12:13	WH-W04@12'	0.3	No Staining	No Odor	Yes	Lab	Wellhead		1
7/7/2022 09:55	WH-B05@16'	0.3	No Staining	No Odor	Yes	Lab	Flowline		1
7/7/2022 10:00	WH-W05@14'	0.3	No Staining	No Odor	Yes	Lab	Other:		
							Soil Loads Removed		
							IMPACTED SOIL IDENTIFIED?		
							ESTIMATED VOLUME OF IMPACTS:		
							Date	Number	CY
							Total Removed		0 0
							Disposal Facility:		
							Groundwater Recovery		
							DATE GW ENCOUNTERED:		DEPTH:
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
							LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date		BBLS
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		

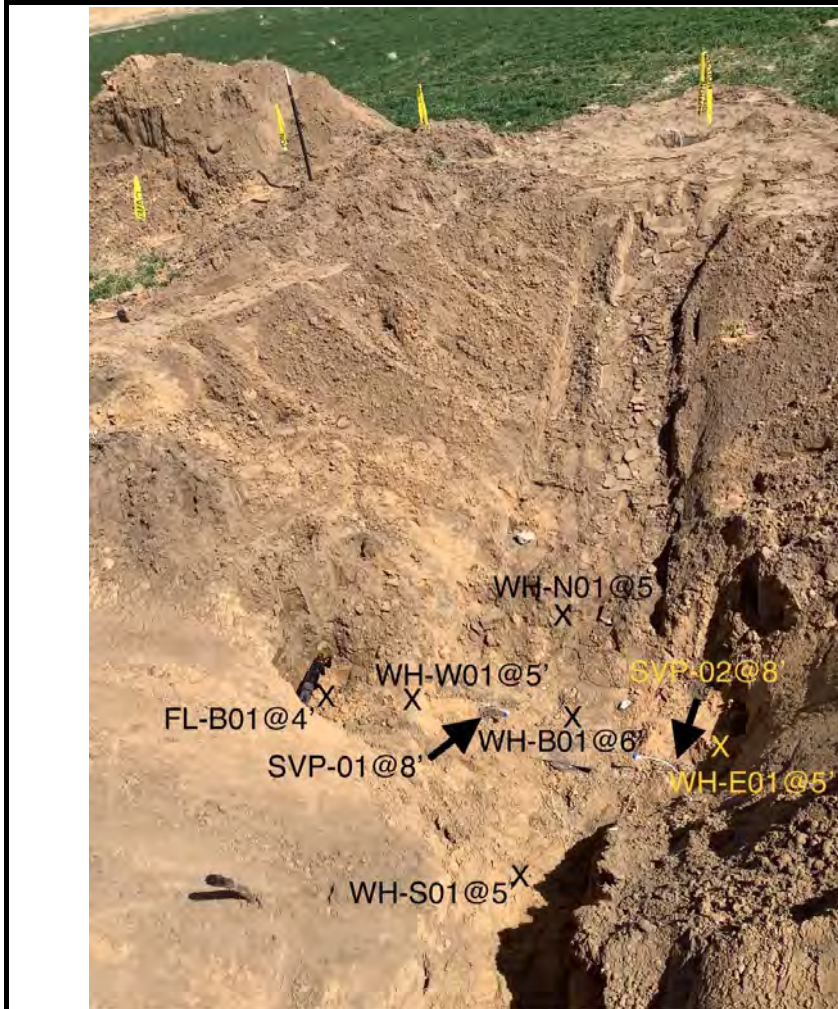


FLOWLINE ABANDONMENT FORM

SITE NAME: LUDWIG 17-1 FL							DATE: 1/31/2024	REM. PROJECT #:	WEATHER: SUNNY,
SITE DIRECTIONS: CR 38 AND CR 35, E 1.0, S 0.4, W 0.2 INTO							CLIENT: Oxy		
LEGALS AND LAT/LONG: 40.2581924, -104.7199761							TASMAN PERSONNEL: MR		
SOIL TYPES: Silty Sand - SM							SURFACE GRADIENT: West		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
1/31/2024 14:01	FL-B03@4'	0.4	No Staining	No Odor	Yes	N/A	Buried or Partially Buried Vessel		
1/31/2024 14:04	FL-B04@4'	0.2	No Staining	No Odor	Yes	N/A	Separator		
1/31/2024 14:07	FL-B05@4'	0.1	No Staining	No Odor	Yes	N/A	Emission Control Device (ECD)		
1/31/2024 14:10	FL-B06@4'	0.1	No Staining	No Odor	Yes	N/A	Dump Line		
1/31/2024 14:13	FL-B07@4'	0.5	No Staining	No Odor	Yes	N/A	Wellhead		
1/31/2024 14:16	FL-B08@4'	0.2	No Staining	No Odor	Yes	N/A	Flowline		1
2/2/2024 11:30	FL-B06@4'	0.7	No Staining	No Odor	Yes	Lab	Other:		
2/2/2024 11:32	FL-B09@4'	1.0	No Staining	No Odor	Yes	Lab	Soil Loads Removed		
2/2/2024 11:34	FL-B10@4'	0.4	No Staining	No Odor	Yes	N/A	IMPACTED SOIL IDENTIFIED?		
2/2/2024 11:36	FL-B11@4'	0.4	No Staining	No Odor	Yes	Lab	ESTIMATED VOLUME OF IMPACTS:		
2/2/2024 11:38	FL-B12@4'	0.8	No Staining	No Odor	Yes	Lab	Date	Number	CY
2/2/2024 13:00	FL-BG01@4'	0.3	No Staining	No Odor	Yes	Lab			
2/2/2024 13:02	FL-BG02@4'	0.5	No Staining	No Odor	Yes	Lab			
2/2/2024 13:04	FL-BG03@4'	0.5	No Staining	No Odor	Yes	Lab			
2/27/2024 09:00	FL-B06R@4'	0.2	No Staining	No Odor	Yes	Lab			
2/27/2024 09:02	FL-B09R@4'	0.3	No Staining	No Odor	Yes	Lab	Total Removed		0 0
2/27/2024 09:04	FL-BG04@4'	0.8	No Staining	No Odor	Yes	Lab	Disposal Facility:		
2/27/2024 09:06	FL-BG05@4'	0.8	No Staining	No Odor	Yes	Lab	Groundwater Recovery		
2/27/2024 09:08	FL-BG06@4'	0.7	No Staining	No Odor	Yes	Lab	DATE GW ENCOUNTERED:		DEPTH:
2/27/2024 09:10	WH-B05R@16'	0.6	No Staining	No Odor	Yes	Lab	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
2/27/2024 09:12	WH-W05R@14'	0.6	No Staining	No Odor	Yes	Lab			
2/27/2024 09:14	WH-BG07@14'	0.7	No Staining	No Odor	Yes	Lab	LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date		BBLs
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		



SITE NAME: LUDWIG 17-1 FL							DATE: 2/27/2024	REM. PROJECT #:	WEATHER: Cloudy, 20 F
SITE DIRECTIONS: CR 38 AND CR 35, E 1.0, S 0.4, W 0.2 INTO							CLIENT: Oxy		
LEGALS AND LAT/LONG: 40.2581924, -104.7199761							TASMAN PERSONNEL: Patrick Downs		
SOIL TYPES: Silty Sand - SM							SURFACE GRADIENT: West		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
2/27/2024 09:16	WH-BG07@16'	0.7	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
2/27/2024 09:18	WH-BG08@14'	0.5	No Staining	No Odor	Yes	Lab	Separator		
2/27/2024 09:20	WH-BG08@16'	0.2	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		
							Dump Line		
							Wellhead		
							Flowline		
							Other:		
							Soil Loads Removed		
							IMPACTED SOIL IDENTIFIED?		
							ESTIMATED VOLUME OF IMPACTS:		
							Date	Number	CY
							Total Removed		0 0
							Disposal Facility:		
							Groundwater Recovery		
							DATE GW ENCOUNTERED:		DEPTH:
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
							LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date	BBLs	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

Photographic Log



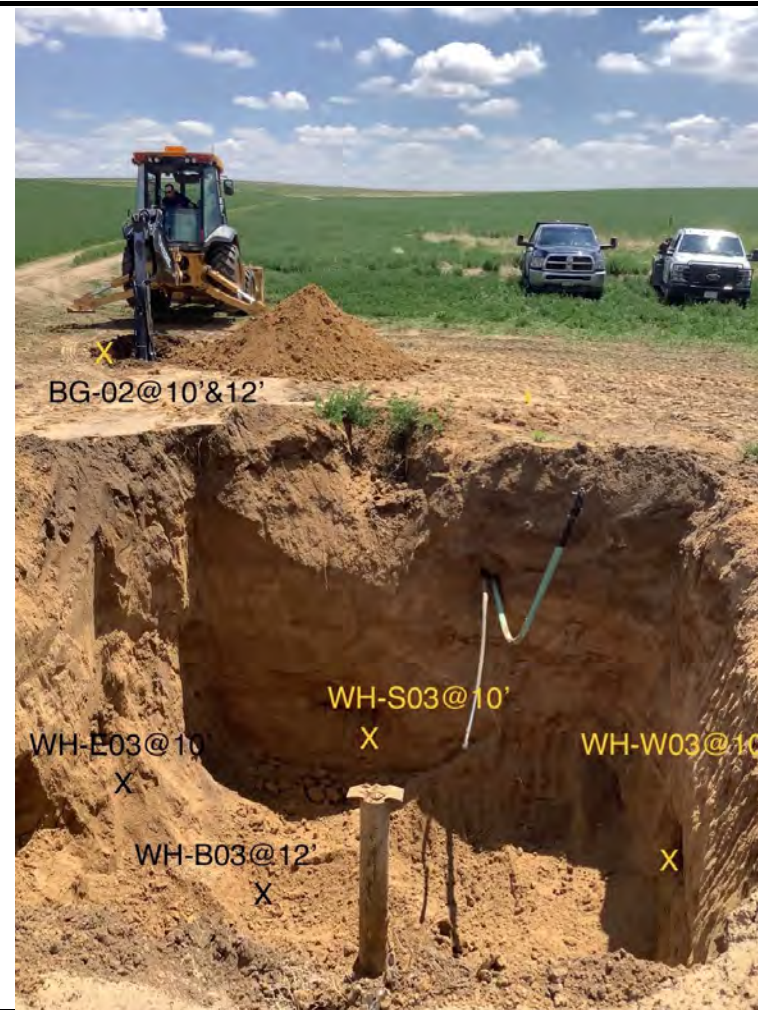
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Photographic Log



Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: Facing northwest				Notes/Conditions: Facing south			

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

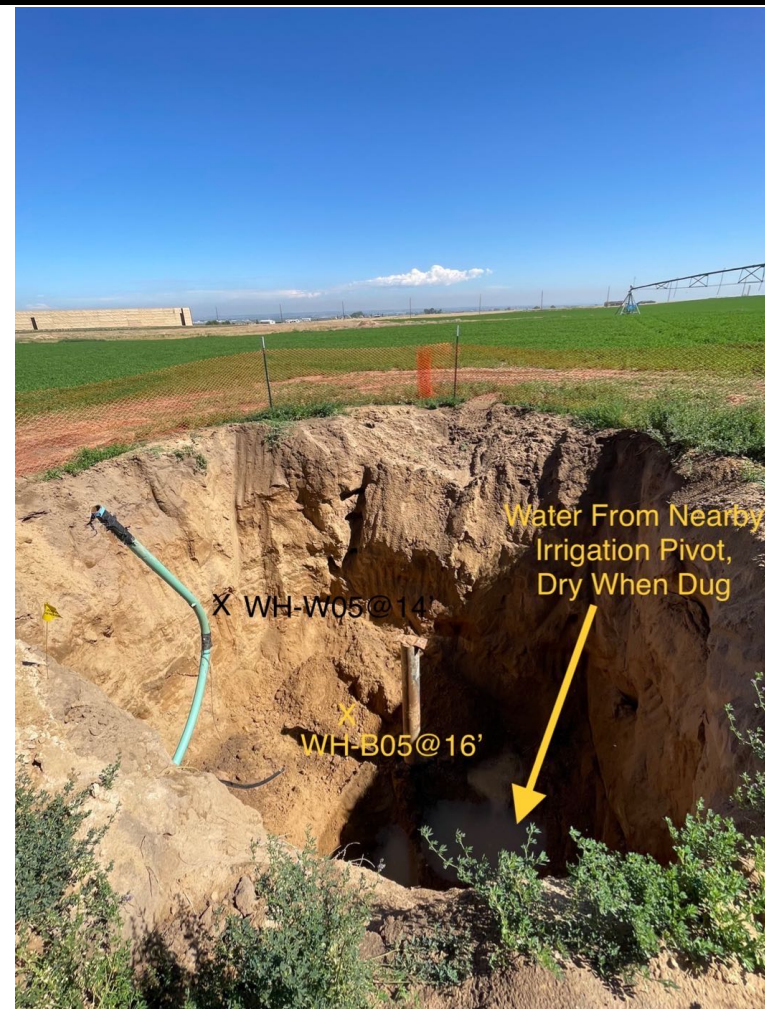
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Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			



Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: LOOKING WEST INTO EXCAVATION			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

Photographic Log

									
						Equipment ID:			Equipment Type:
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Notes/Conditions:					Notes/Conditions:				

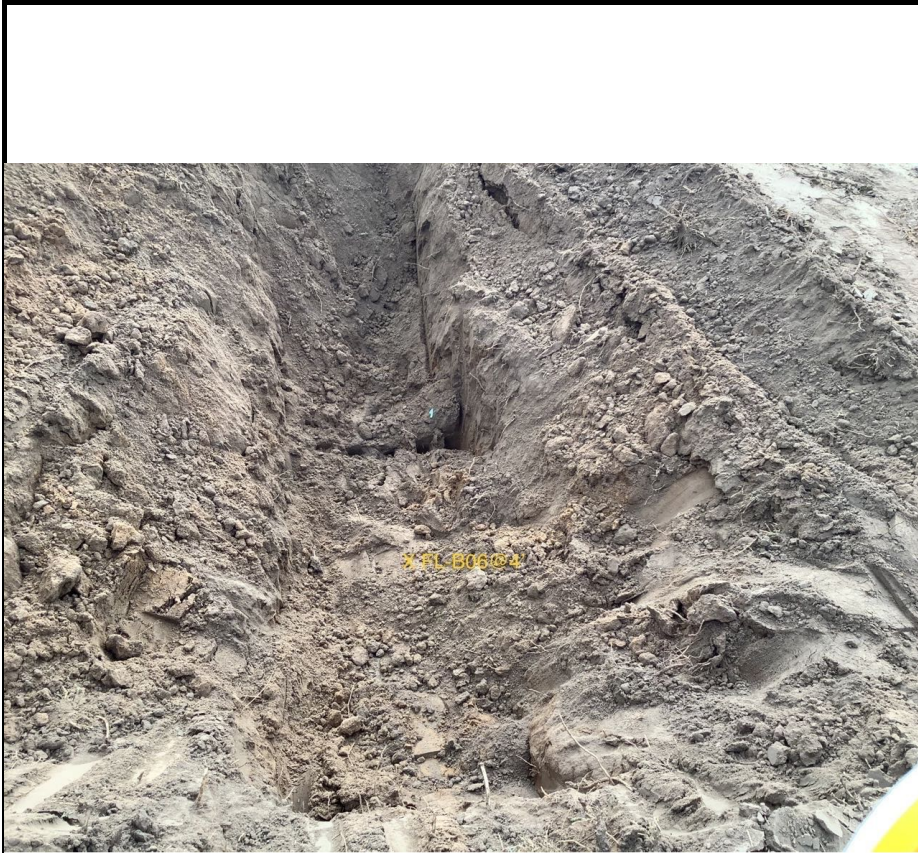
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Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions:			Notes/Conditions:		

Photographic Log


Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions:			

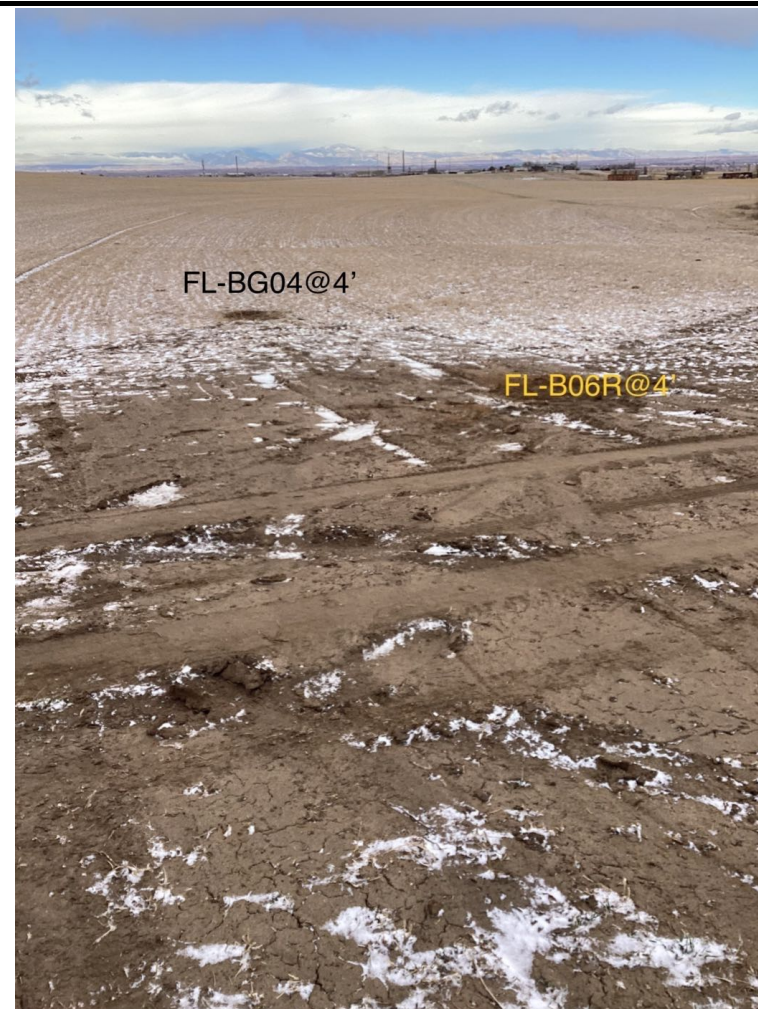
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Equipment ID:			Equipment Type:		
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions:			Notes/Conditions:		



Photographic Log

									
						Equipment ID:			Equipment Type:
Material:		Volume:	Contents:		Material:		Volume:	Contents:	
Notes/Conditions:					Notes/Conditions:				

Photographic Log


Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			

Photographic Log

							
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			