

FREMONT ENVIRONMENTAL INC.

May 15, 2023

Mr. Daniel Peterson
Noble Energy Inc.
2115 117th Avenue
Greeley, CO 80634

Subject: **Facility Closure Data Submittal**
 Loustalet-64N64W 30NESE
 API # 05-123-19847
 NESE Sec. 30, T4N, R64W
 Weld County, Colorado
 Fremont Project No. C023-134
 Facility # 327430, Remediation #26975

Dear Mr. Peterson:

As you requested, Fremont Environmental Inc. (Fremont) personnel conducted Facility Closure activities for the Noble Energy Inc. (Noble) Loustalet-64N64W 30NESE. Impacted soil was encountered during abandonment activities. Details of the Loustalet-64N64W 30NESE facility closure activities are documented in the attached Closure Report. Groundwater was not encountered during flowline abandonment activities.

Please contact me at (303) 956-8714 if you require any additional information. Fremont appreciates the opportunity to provide this service.

Sincerely,

FREMONT ENVIRONMENTAL INC.



Paul V. Henahan, P.E.
Senior Consultant

Attachments:

Facility Closure
Checklist
Tables
Bore Logs
Figures
Photos

**1759 REDWING LANE, BROOMFIELD, CO 80020
(303) 956-8714 (DIRECT)**

Tank Battery Closure Checklist COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Wellhead Closure		Flowline Closure	X	Partially Buried Vault Closure
Site Name & COGCC Facility Number: Loustalet-64N64W 30NESE Facility ID: 327430		Date: 05/15/2023						Remediation Project #: 26975
Associated Wells: Loustalet 30-44 Facility ID: 256320 API: 05-123-19847		Age of Site: 2000						Number of Photos Attached: 7 Photos
Location: (GPS coordinates of southeaster berm)		40.281418, -104.586622						Estimated Facility Size (acres): ~1 Acre

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Good housekeeping. General condition for all the on-site equipment looked fine. Waste management well maintained.

USCS Soil Type: SW	Estimated Depth to Groundwater: N/A
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Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
Impacts were discovered at the above ground storage tank (AST01 @ 4.0'). Soil failed groundwater protection soil screening levels (GPSSLs) for benzene, 1,2,4 Trimethyl-Benzene and 1,3,5 Trimethyl-Benzene, Naphthalene 1-Methyl-Naphthalene and 2-Methyl-Naphthalene. Refer to the volatile organic soil chemistry table (Table 1) and polycyclic aromatic hydrocarbon soil chemistry table (Table 2) for reference. Soil impacts were left in place. Further investigation is required.

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None observed

Tanks	
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Tank Contents	Oil								
Size (barrels)	300 BBLS								
Age	2000								
Construction Material	Steel								
Tank type (AST/BBV, etc.)	AST								
Visual Integrity of Tank	No Damage								
Condition of tank footings	Odor Present								
PID Readings	High @ 887.8ppm								
Soil impacts present at valves or hatches?	No Impacts Noted								
PID Readings	N/A								
Sample taken? Location/ Sample ID#	40.281416, -104.586815 AST01 @ 4.0'								
Photo Number(s)	Photo 1A								

Other observations regarding tanks:
Tank removed prior to sampling event.

Separators	
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Separator size	UNK	UNK							
Vertical or Horizontal	Horizontal	Horizontal							
Age	2000	2000							
Soil impacts above 12.16cm	No Impacts Noted	No Impacts Noted							
PID Readings	High @ 0.6ppm	High @ 0.0ppm							
Sample taken? Location/ Sample ID#	40.281447, -104.586463 SEP01 @5.5'	40.281481, -104.586462 SEP02@5.5'							
Photo Number(s)	Photo 2A	Photo 3A							

Other observations regarding separators

Separators removed prior to sampling event. An exceedance in pH (5.33) was discovered at the southern separator (SEP01@5.5'). Refer to the inorganic soil chemistry table (Table 3) for reference. An exceedance in pH (5.47) was discovered at the northern separator (SEP02@5.5'). Refer to the inorganic soil chemistry table (Table 3) for reference.

Third Party Equipment	
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100	100

Type	Meter Shed								
Age	2000								

Third Party	Unknown													
Removal Date	Still On-site													
Sample taken?	MET01@6.0"													
PID Readings	High @ 0.0ppm													
Photo Number(s)	Photo 6A													
Other Facility Equipment														
Equipment type	Combustion Unit	Combustion Unit												
Equipment Condition	No Damage	No Damage												
Age	2000	2000												
Soil impacts observed during	No Impacts Noted	No Impacts Noted												
PID Readings	High @ 0.0ppm	High @ 0.0ppm												
Sample taken?	ECD01@6.0"	ECD02@6.0"												
Photo Number(s)	Photo 7A	Photo 8A												
Other observations regarding other facility or third party equipment: Combustion Unit removed prior to sampling event														
Summary														
Was impacted soil identified? No Yes - less than 10 cubic yards Yes - more than 10 cubic yards														
Total number of samples field screened: 3 Samples					Total number of samples collected: 7 Samples									
Highest PID Reading: High at 887.8ppm (AST01@4.0')					Total number of samples submitted to lab for analysis: 4 Samples									
If more than 10 cubic yards of impacted soil were observed:														
Vertical extent: N/A					Estimated spill volume: N/A									
Lateral extent: N/A					Volume of soil removed: N/A									
Is additional investigation required? N/A														
Was groundwater encountered during the investigation? No Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils														
Measured depth to groundwater: N/A					Was remedial groundwater removal conducted? Yes No									
Date Groundwater was encountered: N/A					Commencement date of removal: N/A									
Sheen on groundwater? Yes No					Volume of groundwater removed prior to sampling: N/A									
Free product observed? Yes No					Volume of groundwater removed post sampling: N/A									
Total number of samples collected: N/A					Total Volume of groundwater removed: N/A									
Total number of samples submitted to lab for analysis: N/A														

Buried or Partially Buried Vessel Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Wellhead Closure		Flowline Closure	X	Tank Battery Closure
Site Name & COGCC Facility Number: Lousalet-64N64W 30NESE Facility ID: 327430		Date: 05/15/2023						Remediation Project #: 26975
Associated Wells: Lousalet 30-44 Facility ID: 256320 API: 05-123-19847		Age of Site: 2000						Number of Photos Attached: 6 Photos
Location: (GPS coordinates of vault or southeastern tank berm for multiple)							40.281392, -104.586813	
Estimated Facility Size (acres): ~1 acre								

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Good housekeeping. General condition for all the on-site equipment looked fine. Waste management well maintained.

USCS Soil Type: SW	Estimated Depth to Groundwater: N/A
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Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
Impacts were discovered at the north and west sidewall of the produced water vault excavation (PWVN01@6.0' and PWVW01@6.0'). Soil failed groundwater protection soil screening levels (GPSSLs) for Xylenes, 1,2,4 Trimethyl-Benzene, 1,3,5 Trimethyl-Benzene, Naphthalene, TPHs, 1-Methyl-Naphthalene and 2-Methyl-Naphthalene. Refer to the volatile organic soil chemistry table (Table 1) and polycyclic aromatic hydrocarbon soil chemistry table (Table 2) for reference. Soil impacts were left in place. Further Investigation is required.

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)

None observed

Buried or Partially Buried Vessels

Tank Contents	Produced Water								
Size (barrels)	<100 BBLS								
Age	2000								
Construction Material	PBV Concrete								
Visual Integrity of Tank	No Damage								
Condition of tank contents	Staining/Odor								
PID Readings	High @ 1033ppm								
Condition of dump line	No Damage								
PID Readings	High @ 0.1ppm DL01 @ 4.0'								
Sample taken? Location/Sample ID#	All five samples collected at PWV								
Photo Number(s)	Photo 4A-4E & 5A								

Other observations regarding partially buried vessels:

An exceedance in pH (5.85 & 5.78) was discovered at the eastern and western sidewalls of the produced water vault excavation (PWVE01@6.0' & PWVW01@6.0'). Refer to the inorganic soil chemistry table (Table 3) for reference. Dumplines were not trenched.

Summary

Was impacted soil identified?		
No	Yes - less than 10 cubic yards	Yes - more than 10 cubic yards
Total number of samples field screened: 1 samples		Total number of samples collected: 6 samples
Highest PID Reading: High @ 1033ppm (PWVW01@6.0')		Total number of samples submitted to lab for analysis: 5 samples
If more than 10 cubic yards of impacted soil were observed:		
Vertical extent: N/A		Estimated spill volume: N/A
Lateral extent: N/A		Volume of soil removed: N/A
Is additional investigation required? N/A		
Was groundwater encountered during the investigation?		
No	Yes - not impacted or in contact with impacted soils	
Yes - groundwater impacted and/or in contact with impacted soils		
Measured depth to groundwater: N/A		Was remedial groundwater removal conducted? Yes No
Date Groundwater was encountered: N/A		Commencement date of removal: N/A
Sheen on groundwater? Yes No		Volume of groundwater removed prior to sampling: N/A
Free product observed? Yes No		Volume of groundwater removed post sampling: N/A
Total number of samples collected: N/A		Total Volume of groundwater removed: N/A
Total number of samples submitted to lab for analysis: N/A		

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
LOUSTALET-64N64W 30NESE, WELD COUNTY, COLORADO
REM # 26975

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
AST01@4.0'	5/15/2023	4.0 Ft	40.281416	-104.586815	-	887.8
SEP01@5.5'	5/15/2023	5.5 Ft	40.281447	-104.586463	-	0.6
SEP02@5.5'	5/15/2023	5.5 Ft	40.281481	-104.586462	-	0.0
PWVB01@7.0'	5/15/2023	7.0 Ft	40.281374	-104.586813	-	0.3
PWVN01@6.0'	5/15/2023	6.0 Ft	40.281392	-104.586813	-	750.1
PWVS01@6.0'	5/15/2023	6.0 Ft	40.281354	-104.586816	-	0.4
PWVE01@6.0'	5/15/2023	6.0 Ft	40.281374	-104.586784	-	48.7
PWVW01@6.0'	5/15/2023	6.0 Ft	40.281373	-104.586841	-	1033
DL01@4.0'	5/15/2023	4.0 Ft	40.281448	-104.586489	-	0.1
ECD01@6.0"	5/15/2023	0.5 Ft	40.281530	-104.586450	-	0.0
ECD02@6.0"	5/15/2023	0.5 Ft	40.281180	-104.586450	-	0.0
MET01@6.0"	5/15/2023	0.5 Ft	40.281180	-104.586661	-	0.0
BKG01@6.0"	5/15/2023	0.5 Ft	40.281089	-104.587067	-	0.0
SEP01@5.5' (SB)	8/21/2024	5.5 Ft	40.281447	-104.586463	1.00	Refer to Bore Logs
SEP02@5.5' (SB)	8/21/2024	5.5 Ft	40.281481	-104.586462	1.00	Refer to Bore Logs

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

Confirmation (Re-sample)

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
LOUSTALET-64N64W 30NESE, WELD COUNTY, COLORADO
REM # 26975

Sample ID	Sample Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4- Trimethyl- Benzene (mg/kg)	1,3,5- Trimethyl- Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
AST01@4.0'	5/15/2023	4.0 Ft	0.052	0.63	<0.050	6.7	2.8	1.9	0.14	<500	130	95	<50
SEP01@5.5'	5/15/2023	5.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SEP02@5.5'	5/15/2023	5.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
PWVB01@7.0'	5/15/2023	7.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
PWVN01@6.0'	5/15/2023	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	0.14	<0.0038	<500	3.8	<50	<50
PWVS01@6.0'	5/15/2023	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
PWVE01@6.0'	5/15/2023	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
PWVW01@6.0'	5/15/2023	6.0 Ft	<0.0020	<0.0050	0.24	14	<0.0050	13	1.7	7,832	7600	180	52

1. Bold values exceed the ECMC Table 915-1 limit(s)
 2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
 3. * Indicates laboratory minimum detection limit in excess of SSL
 4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = Analytical result is less than the indicated laboratory reporting limit.
 TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
 TPH-DRO = Total petroleum hydrocarbons - diesel range organics
 TPH-ORO = Total petroleum hydrocarbons - oil range organics
 mg/kg = Milligrams per kilogram
 ft. = Feet
 bgs = Below ground surface
 NA - Not analyzed

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
LOUSTALET-64N64W 30NESE, WELD COUNTY, COLORADO
REM # 26975

Sample ID	Sample Date	Depth (ft)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3- cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl- Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
AST01@4.0'	5/15/2023	4.0 Ft	<0.00500	<0.00500	0.00980	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0322	<0.00500	<0.00500	0.415	0.889
SEP01@5.5'	5/15/2023	5.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP02@5.5'	5/15/2023	5.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWVB01@7.0'	5/15/2023	7.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWVN01@6.0'	5/15/2023	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWVS01@6.0'	5/15/2023	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWVE01@6.0'	5/15/2023	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWVW01@6.0'	5/15/2023	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0705	<0.00500	0.0168	1.18	2.87

1. Bold values exceed the ECMC Table 915-1 limit(s)
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
3. * Indicates laboratory minimum detection limit in excess of SSL
4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
(<) = Analytical result is less than the indicated laboratory reporting limit.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
ft. = Feet NA - Not analyzed
bgs = Below ground surface

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
LOUSTALET-64N64W 30NESE, WELD COUNTY, COLORADO
REM # 26975

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
AST01@4.0'	5/15/2023	4.0 Ft	6.51	0.705	1.83	0.216
SEP01@5.5'	5/15/2023	5.5 Ft	5.33	0.151	0.0876	0.162
SEP02@5.5'	5/15/2023	5.5 Ft	5.47	0.187	0.138	0.181
PWVB01@7.0'	5/15/2023	7.0 Ft	7.00	0.210	0.0832	0.197
PWVN01@6.0'	5/15/2023	6.0 Ft	6.55	0.217	0.302	0.160
PWVS01@6.0'	5/15/2023	6.0 Ft	6.24	0.186	0.848	0.132
PWVE01@6.0'	5/15/2023	6.0 Ft	5.85	0.088	0.386	0.0904
PWVW01@6.0'	5/15/2023	6.0 Ft	5.78	0.214	1.34	0.677
BKG01@6.0"	5/15/2023	0.5 Ft	5.06	0.0499	0.0290	0.139
SEP01@5.5' (SB)	8/21/2024	5.5 Ft	7.64	NA	NA	NA
SEP02@5.5' (SB)	8/21/2024	5.5 Ft	7.22	NA	NA	NA
Maximum Background Concentration			5.06	0.0499	0.0290	0.139

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.

2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

3. Brown highlighted soil analytical values indicate a regulatory exceedance.

NA - Not analyzed/Not applicable

Confirmation (Re-sample)

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
LOUSTALET-64N64W 30NESE, WELD COUNTY, COLORADO
REM # 26975

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
AST01@4.0'	5/15/2023	4.0 Ft	0.483	31.7	<2.14	<0.30	1.25	2.73	1.05	<0.279	<0.0214	4.14
PWVW01@6.0'	5/15/2023	6.0 Ft	0.447	64.2	<0.232	<0.30	1.34	3.88	1.18	<0.301	<0.0232	5.18
BKG01@6.0"	5/15/2023	0.5 Ft	0.391	22.3	<0.212	<0.30	1.01	2.28	0.925	<0.260	<0.0212	3.97
1.25x Maximum Background Concentration			0.489	27.9	<0.212	<0.30	1.26	2.85	1.16	<0.260	<0.0212	4.96

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.

2. **Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

3. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).

4. Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

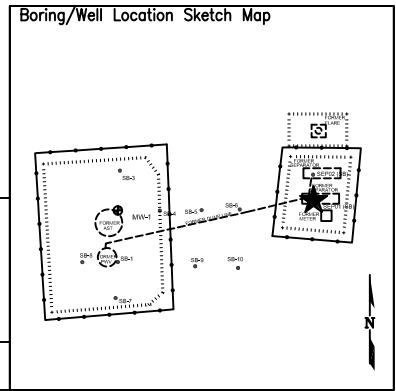
bgs = Below ground surface

* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed/Not applicable



BORING/WELL CONSTRUCTION LOG




Page 1 of 1

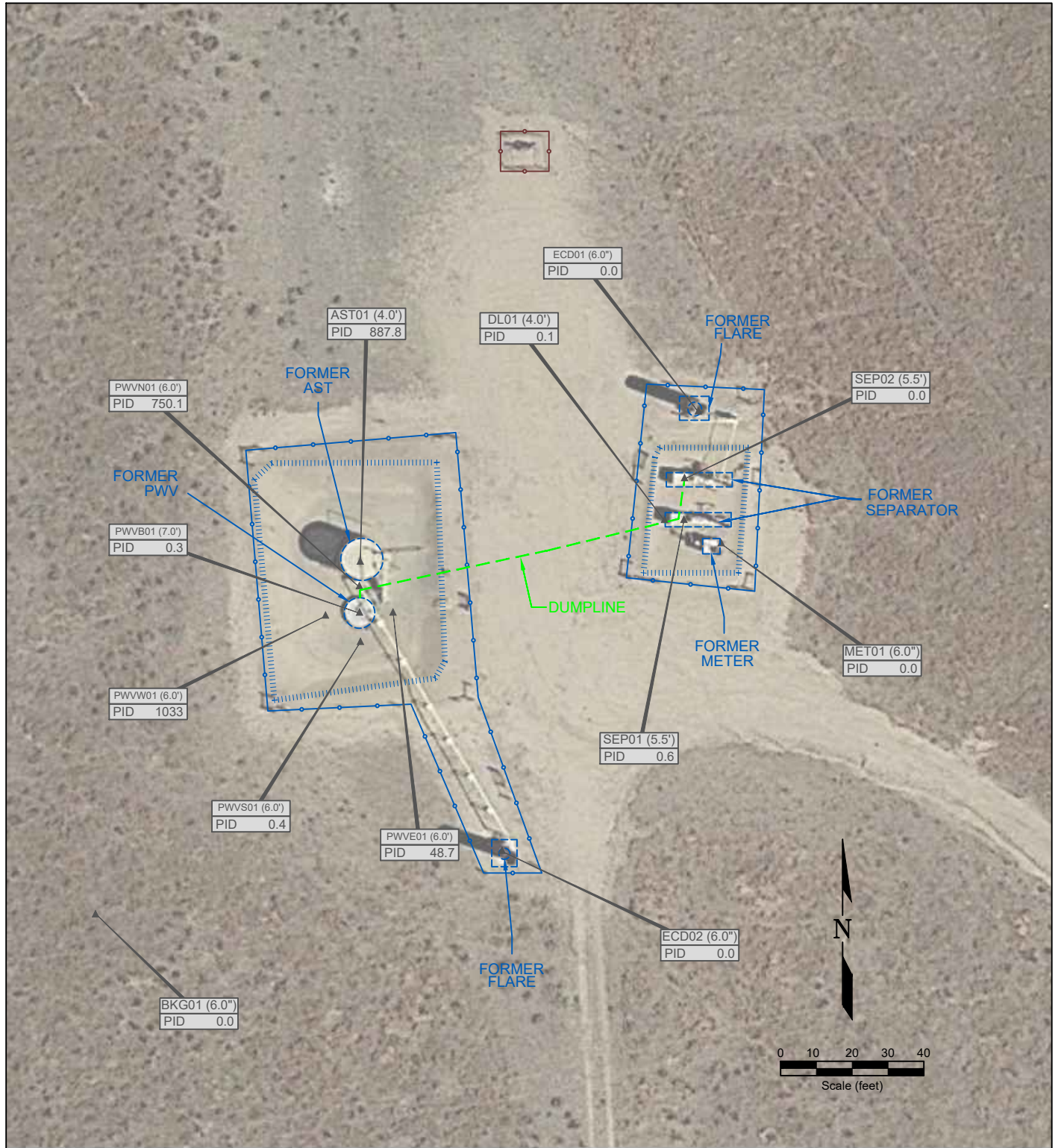
Boring/Well No. SEP01 (SB)	Total Depth 5.5'	Location Noble Energy, Inc. Loustalet-64N64W 30NESE NESE Sec. 30, T4N, R64W, 6th PM Weld County, Colorado			
Project No./Name C023-134 / Noble Loustalet-64N64W 30NESE		Approved By			
Drilling Contractor/Driller DrillPro		Geologist/Office Jeff Griggs / Fremont Environmental, Inc.			
Drilling Equipment/Method Geoprobe		Size/Type of Bit 2.5" direct push	Sampling Method direct push	Start/Finish Date 08/21/2024	
Well Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Casing Mtrl./Dia. .	Screen: Type .	Mtrl. .	Length .
Elevation of: (ft. above datum)		Ground Surface	Top of Well Casing	Top of Screen	Bottom of Screen
					Ground Water Surface/Date Measured

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)
					GRAPHIC LOG	VISUAL DESCRIPTION				
5					NA	NA		75%		NA
					SW	Sand: tan, fine, no odor				0.0
						Sand: tan, fine, no odor				0.0
										0.0
						TD 5.5'				0.0
10								98%		
15										
20										



Boring/Well No. SEP02 (SB)		Total Depth 5.5'		Location Noble Energy, Inc. Lousalet-64N64W 30NESE NESE Sec. 30, T4N, R64W, 6th PM Weld County, Colorado					
Project No./Name C023-134 / Noble Lousalet-64N64W 30NESE									
Drilling Contractor/Driller DrillPro									
Geologist/Office Jeff Griggs / Fremont Environmental, Inc.				Approved By					
Drilling Equipment/Method Geoprobe				Size/Type of Bit 2.5" direct push		Sampling Method direct push		Start/Finish Date 08/21/2024	
Well Installed?		Casing Mtrl./Dia.		Screen:					
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Type .		Mtrl. .		Length .	
						Dia. .		Slot Size .	
Elevation of:		Ground Surface		Top of Well Casing		Top of Screen		Bottom of Screen	
(ft. above datum)									
								Ground Water Surface/Date Measured	

DEPTH (feet)	WELL CONSTRUCTION				LITHOLOGY		Penetration Rate (blows/6")	Recovery (%)	Sample Interval (feet)	PID Values (ppm)	
					GRAPHIC LOG	VISUAL DESCRIPTION					
5					NA			75%		NA	
										Sand: tan, fine, no odor	0.0
										Sand: tan, fine, no odor	0.0
											0.0
											0.0
10					TD 5.5'			98%			
15											
20											



LEGEND

▲ PID READING LOCATION

○ ABOVE GROUND STORAGE TANK

FORMER FORMER FACILITY

FLOW LINE
CONTAINMENT BERM
FENCE LINE
DUMP LINE

FL01 PID READING LOCATION IDENTIFICATION
PID 0.1 PHOTO IONIZATION DETECTION (ppm)

Figure 2
SITE MAP

NOBLE ENERGY INC - LOUSTALET-64N64W 30NESE
NESE Sec. 30, T4N, R64W, 6th PM
Weld County, Colorado
40.281460°, -104.586420°

Project # CO23-134	API # 05-123-19847	Facility # 327430
Date 1/10/25	Remediation # 26975	Filename 23134Q



Photo Log



Description:

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Photo Log



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