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Grand Junction, CO 81501-3829
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December 21, 2023
Jake Janicek
EHS Specialist
Caerus Oil and Gas, LLC
143 Diamond Ave.
Parachute, CO 81635

Subject: Summary of Field Activities (SFA) – O36 Environmental Sample Collection for Pipeline Closure– 12/20/2023

Field Activity Information:

Caerus Location Name: O36
ECMC Facility Name: CHEVRON 036 596
GPS Coordinates: **39.567198 / -108.114538**

Field Activities Completed:

Caerus EHS Specialist, Jake Janicek, and KLJ Environmental Specialist, Nora Oviatt, visited the identified location on December 20, 2023. While at the location, KLJ personnel collected environmental soil samples to be used to evaluate for the presence of contaminants in soil as part of the pipeline removal process for the identified pad. It was observed that soil had been excavated from five locations.

Excavated soil was stockpiled immediately adjacent to all excavated areas. During field activities, KLJ personnel collected eleven (11) total soil samples at the location. Two (2) samples were collected from the base of the first excavation. One (1) sample was collected from the bottom of the second excavation. One (1) sample was collected from each of the two (2) soil stockpiles adjacent to these excavations. One (1) sample was collected from the base of three (3) additional excavations south of the pad and from the associated three (3) soil stockpiles directly adjacent to these excavations.

Field sampling equipment was cleaned and decontaminated between each sample collection. Samples were collected following standard methodology, immediately packed on ice, and transferred to the courier for Pace Analytical on the same afternoon. Samples were submitted for analysis of the full ECMC Table 915-1 soil parameters.

The following attachments are included to document field activities performed:

1. A Site Diagram showing sample collection locations at the site.
2. A Sample Collection Summary Table.
3. Photographs of sample collection sites with location information.
4. Copies of Chains of Custody

Any requests for additional information regarding field activities can be provided upon request.

Sincerely,



A handwritten signature in blue ink, appearing to read 'Will Harmon'.

Will Harmon, P.G.
Environmental Specialist
KLJ Engineering

O36 Pipeline

CHEVRON O36 596 Pipeline Removal Soil Collection - 12/20/2023

Legend

 Sampling Location

20231220-36O-(FC-pipeline01)@6.5
20231220-36O-(STOCK03)
20231220-36O-(STOCK02)
20231220-36O-(FC-pipeline02)@10
20231220-36O-(FC-pipeline03)@20 39.567907, -108.114569



O36 Pipeline

O36 Pipeline Replacement Soil Sample Collection - 12/20/2023

O36B 596

Legend

-  Sampling Location

- 20231220-36O-(STOCK03)
- 20231220-36O-(FC-pipeline04)@7
- 20231220-36O-(STOCK04)
- 20231220-36O-(STOCK05)
- 20231220-36O-(FC-pipeline05)@6
- 20231220-36O-(FC-pipeline06)@6



100 ft



Sample Collection Summary Table

CHEVRON 036 596 (036) Well Facility Environmental Soil Sample Collection for Pipeline Closure– 12/20/2023

Sample ID	Sample Type	Depth (FT BGS)	PID (ppm)	Odor	Grab or Composite	Submitted for Analysis	Requested Analysis
20231220-360-(FC-pipeline01)@6.5	Facility Closure- Pipeline	6.5	2.6	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(FC-pipeline02)@10	Facility Closure- Pipeline	10	0.5	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(STOCK01)	Facility Closure- Pipeline-Excavation Stockpile	-	0.1	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(STOCK02)	Facility Closure- Pipeline-Excavation Stockpile	-	0.7	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(FC-pipeline03)@20	Facility Closure- Pipeline	20	0	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(FC-pipeline04)@7	Facility Closure- Pipeline	7	0.7	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(STOCK03)	Facility Closure- Pipeline-Excavation Stockpile	-	0.6	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(FC-pipeline05)@6	Facility Closure- Pipeline	6	0.7	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(STOCK04)	Facility Closure- Pipeline-Excavation Stockpile	-	4	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(FC-pipeline06)@6	Facility Closure- Pipeline	6	18	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC
20231220-360-(STOCK05)	Facility Closure- Pipeline-Excavation Stockpile	-	0.3	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), Organic Compounds in Soils - Table 915-1, ECMC Metals in Soils - Table 915-1, ECMC

FT – feet
 BGS – below ground surface
 PPM – parts per million
 TPH – total petroleum hydrocarbons

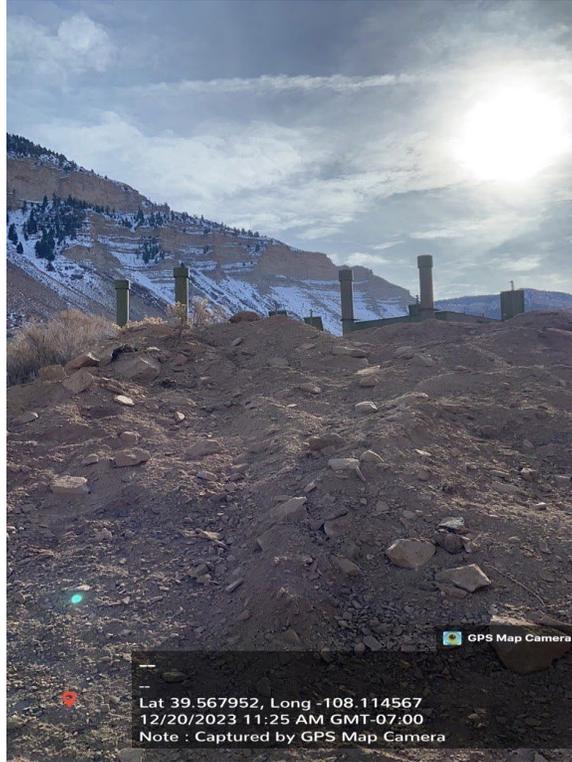
EC – electrical conductivity
 SAR – sodium adsorption ratio
 ECMC – Colorado Energy and Carbon Management Commission



Photograph 1: 20231220-360-(FC-pipeline01)@6.5 sample collection site, looking N



Photograph 2: 20231220-360-(FC-pipeline02)@10 sample collection site, looking E



Photograph 3: 20231220-360-(STOCK02) sample collection site, looking S



Photograph 4: 20231220-360-(FC-pipeline03)@20 sample collection site, looking S



Photograph 5: 20231220-360-(FC-pipeline04)@ 7 sample collection site, looking E



Photograph 6: 20231220-360-(STOCK03) sample collection site, looking E

Company Name/Address: **Caerus Oil and Gas LLC**

Billing Information: **Caerus Oil and Gas LLC**

Report to: **Jake Janicek, Brett Middleton, Blair Rollins**

Email To: **Info on file**

Project Description: **360 pipeline closure**
260 P&A and BG samples

City/State Collected: **Parachute CO**

Please Circle: PT MT CT ET

Phone: **970-285-2720**

Client Project #: _____

Lab Project #: **CAERUSPCO-915**

Collected by (print): **Nora Oviatt**

Site/Facility ID #: _____

P.O. #: _____

Collected by (signature): *Nora Oviatt*

Rush? (Lab MUST Be Notified)

___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: _____

Immediately Packed on Ice N ___ Y X

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **L1690632**
F054

Acctnum: **CAERUSPCO**

Template: _____

Prelogin: _____

PM: **824 - Chris Ward**

PB: _____

Shipped Via: _____

Remarks Sample # (lab only)

Table 915-1

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs														
2023 1220-360-(FC-pipeline 01) @ 5 grab	SS	6.5ft	12/20/23	1000	4	X														- 01
2023 1220-360-(FC-pipeline 02) @ 10 grab	SS	10ft	12/20/23	1040	4	X														- 02
2023 1220-360-(stock 01) @ comp	SS	0.5ft	12/20/23	1140	4	X														- 03
2023 1220-360-(stock 02) @ comp	SS	0.5ft	12/20/23	1120	4	X														- 04
2023 1220-360-(FC-pipeline 03) @ 20 grab	SS	20ft	12/20/23	1100	4	X														- 05
2023 1220-360-(FC-pipeline 04) @ 7 grab	SS	7ft	12/20/23	1220	4	X														- 06
2023 1220-360-(stock 03) @ comp	SS	0.5ft	12/20/23	1230	4	X														- 07
2023 1220-360-(FC-pipeline 05) @ 6 grab	SS	6ft	12/20/23	1240	4	X														- 08
2023 1220-360-(stock 04) @ comp	SS	0.5ft	12/20/23	1250	4	X														- 09
2023 1220-360-(FC-pipeline 06) @ 6 grab	SS	6ft	12/20/23	1335	4	X														- 10

* Matrix: SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks: _____

Samples returned via: ___ UPS ___ FedEx ___ Courier _____

Tracking # **6426 8306 7955**

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) *Nora Oviatt* Date: **12/20/2023** Time: **1615**

Received by: (Signature) *[Signature]* Trip Blank Received: Yes No
HCL / MeOH TBR

Relinquished by: (Signature) *[Signature]* Date: **12/20/23** Time: **1730**

Received by: (Signature) _____ Temp: **DP18 °C** Bottles Received: **44**
2.6 to = 2.6

Relinquished by: (Signature) _____ Date: _____ Time: _____

Received for lab by: (Signature) *[Signature]* Date: **12/21/23** Time: **1000**

Hold: _____ Condition: **NCF** **OK** **12/21**

Sample Receipt Checklist

COC Seal Present/Intact: NP Y ___ N ___

COC Signed/Accurate: NP Y ___ N ___

Bottles arrive intact: NP Y ___ N ___

Correct bottles used: NP Y ___ N ___

Sufficient volume sent: NP Y ___ N ___

If Applicable

VOA Zero Headpace: NP Y ___ N ___

Preservation Correct/Checked: NP Y ___ N ___

RAD Screen <0.5 mR/hr: NP Y ___ N ___

If preservation required by Login: Date/Time

Company Name/Address:
Caerus Oil and Gas LLC

Billing Information:
Caerus Oil and Gas LLC

Analysis / Container / Preservative

Chain of Custody Page ___ of ___



12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
Jake Janicek, Brett Middleton, Blair Rollins

Email To:
Info on file

Project Description:
360 pipeline closure

City/State Collected: **Parachute CO**

Please Circle:
PT MT CT ET

Phone: **970-285-2720**

Client Project #

Lab Project #
CAERUSPCO-915

Collected by (print):
Nora Oviatt

Site/Facility ID #

P.O. #

Collected by (signature):
Nora Oviatt

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N ___ Y

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs
20231220-360-FC						
20231220-360-FC (Pipeline Closure)						
20231220-360-(Stock LOS)	Comp	SS	0.5ft	12/20/23	1340	4

Table 915-1

SDG # **L1690632**

Table #

Acctnum: **CAERUSPCO**

Template:

Prelogin:

PM: **824 - Chris Ward**

PB:

Shipped Via:

Remarks

Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

Samples returned via:
 UPS FedEx Courier

Tracking #

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)
Nora Oviatt

Date: **12/20/2023** Time: **16:15**

Received by: (Signature)
[Signature]

Trip Blank Received: Yes No
HCL / MeOH TBR

If preservation required by Login: Date/Time

Relinquished by: (Signature)
[Signature]

Date: **12/26/23** Time: **17:30**

Received by: (Signature)
[Signature]

Temp: **DPAB °C**
2.6 to = 2.6 Bottles Received: **44**

Hold:

Relinquished by: (Signature)

Date: **12/21/23** Time: **1000**

Received for lab by: (Signature)
[Signature] **(14)**

Date: **12/21/23** Time: **1000**

Condition: **(NCF)** **(OK)**