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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 O36 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

  
N

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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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
20231220-36O-(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



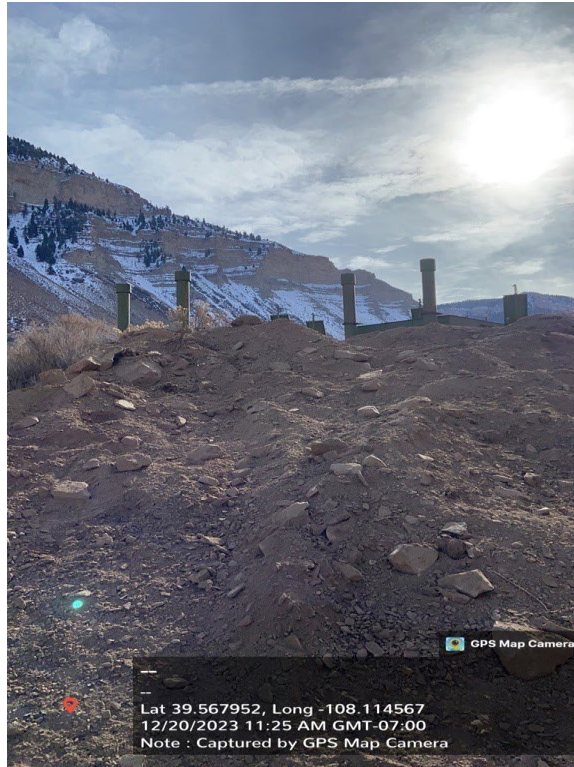


*Photograph 1: 20231220-360-(FC-pipeline01)@6.5 sample collection site, looking N*



*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*




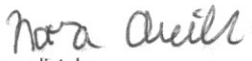
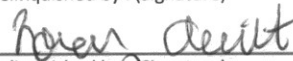

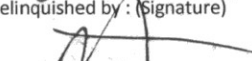
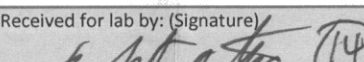



*Photograph 5: 20231220-360-(FC-pipeline04)@ 7 sample collection site, looking E*



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



Company Name/Address: <b>Caerus Oil and Gas LLC</b>		Billing Name/Information: <b>Caerus Oil and Gas LLC</b>		Pres Chk		Analysis / Container / Preservative										Chain of Custody		Page ____ of ____					
Report to: <b>Jake Janicek, Brett Middleton, Blair Rollins</b>		Email To: <b>Info on file</b>														 PEOPLE ADVANCING SCIENCE							
Project Description: <b>360 pipeline closure</b> <b>260 P&amp;A and BG samples</b>		City/State Collected: <b>Parachute CO</b>		Please Circle: PT MT CT ET												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: <a href="https://info.pacelabs.com/hubs/pas-standard-terms.pdf">https://info.pacelabs.com/hubs/pas-standard-terms.pdf</a>							
Phone: <b>970-285-2720</b>		Client Project #		Lab Project # <b>CAERUSPCO-915</b>												SDG # <b>L1690632</b> <b>F054</b>							
Collected by (print): <b>Nora Oviatt</b>		Site/Facility ID #		P.O. #												Acctnum: <b>CAERUSPCO</b>							
Collected by (signature): 		<b>Rush?</b> (Lab MUST Be Notified) ____ Same Day ____ Five Day ____ Next Day ____ 5 Day (Rad Only) ____ Two Day ____ 10 Day (Rad Only) ____ Three Day		Quote #												Template:							
Immediately				Date Results Needed												Prelogin:							
Packed on Ice N ____ Y ____																PM: <b>824 - Chris Ward</b>							
																PB:							
																Shipped Via:							
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Table 915-1										Remarks	Sample # (lab only)				
1220-360-(FC-pipeline 01)EG-5	grab	SS	6.5ft	12/20/23	1000	4	X									- 01							
1220-360-(FC-pipeline 03)EG-10	grab	SS	10ft	12/20/23	1040	4	X									- 02							
1220-360-(stock 01)EG	comp	SS	0.5ft	12/20/23	1140	4	X									- 03							
1220-360-(stock 02)	comp	SS	0.5ft	12/20/23	1120	4	X									- 04							
1220-360-(FC-pipeline 05)EG-20	grab	SS	20ft	12/20/23	1100	4	X									- 05							
1220-360-(FC-pipeline 04)EG-7	grab	SS	7ft	12/20/23	1220	4	X									- 06							
1220-360-(stock 03)	comp	SS	0.5ft	12/20/23	1230	4	X									- 07							
1220-360-(FC-pipeline 06)EG-6	grab	SS	6ft	12/20/23	1240	4	X									- 08							
1220-360-(stock 04)	comp	SS	0.5ft	12/20/23	1250	4	X									- 09							
1220-360-(FC-pipeline 06)EG-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:		pH _____ Temp _____ Flow _____ Other _____												Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
Samples returned via: ____ UPS ____ FedEx ____ Courier		Tracking #		6426 8306 7955																			
Relinquished by: (Signature) 		Date: 12/20/2023	Time: 1615	Received by: (Signature) 		Trip Blank Received: Yes/No HCL / MeOH TBR																	
Relinquished by: (Signature) 		Date: 12/20/23	Time: 1730	Received by: (Signature)		Temp: <b>DP18 °C</b> <b>26 to 28</b>		Bottles Received: <b>44</b>												If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) 		Date: 12/21/23		Time: 1000												Hold:		Condition: <b>NCF</b> 	



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