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January 2, 2024  
Jake Janicek  
EHS Specialist  
Caerus Oil and Gas, LLC  
143 Diamond Ave.  
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**Subject: Summary of Field Activities (SFA) – O36 Environmental Sample Collection for Pipeline Closure– 12/26/2023**

***Field Activity Information:***

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

***Field Activities Completed:***

KLJ Environmental Specialist, Nora Oviatt, visited the identified location on December 26, 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. Soil had previously been sampled from five (5) excavations at this site on December 20, 2023. On the day these samples were collected, there was not sufficient time to collect all required samples and it was necessary to return to the site to finish sample collection on December 26. During field activities on December 26, KLJ personnel collected eight (8) total soil samples at the location. One (1) sample was collected from the base of two (2) excavations south of the pad and from the associated two (2) soil stockpiles directly adjacent to these excavations. Additionally, four (4) background soil samples were collected from undisturbed soil away from the well pad in each cardinal direction in order to evaluate background concentrations of potential contaminants in soil immediately adjacent to the well pad location. 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 FedEx shipping center the following 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 Wellpad

O36 Pipeline Closure Soil Sample Collection Locations

## Legend

- 1 20231226-MPRBG-(O36-E)@0.5
- 7 20231226-MPRBG-(O36-N)@0.5
- 2 20231226-MPRBG-(O36-S)@0.5
- 8 20231226-MPRBG-(O36-W)@0.5
- 3 20231226-O36-(FC-pipeline07)@6
- 4 20231226-O36-(FC-pipeline08)@10
- 5 20231226-O36-(STOCK06)
- 6 20231226-O36-(STOCK07)

Google Earth

Gardner Gulch

700 ft





# O36 Wellpad

Zoomed in on O36 Pipeline Closure Soil Sample Collection Locations 1-6

## Legend

- 1 20231226-MPRBG-(O36-E)@0.5
- 2 20231226-MPRBG-(O36-S)@0.5
- 3 20231226-O36-(FC-pipeline07)@6
- 4 20231226-O36-(FC-pipeline08)@10
- 5 20231226-O36-(STOCK06)
- 6 20231226-O36-(STOCK07)

Gardner Gulch

Google Earth



200 ft





## Sample Collection Summary Table

### CHEVRON 036 596 (O36) Well Facility Environmental Soil Sample Collection for Pipeline Closure– 12/26/2023

Sample ID	Sample Type	Depth (FT BGS)	PID (ppm)	Odor	Grab or Composite	Submitted for Analysis	Requested Analysis
20231226-O36-(STOCK06)	Facility Closure- Pipeline-Excavation Stockpile	-	0.6	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-O36-(FC-pipeline07)@6	Facility Closure- Pipeline	6	0	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-O36-(STOCK07)	Facility Closure- Pipeline-Excavation Stockpile	-	0.2	No	Composite	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-O36-(FC-pipeline08)@10	Facility Closure- Pipeline	10	4.7	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-MPRBG-(O36-N)@0.5	Background	0.5	0.1	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-MPRBG-(O36-W)@0.5	Background	0.5	0.1	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-MPRBG-(O36-E)@0.5	Background	0.5	1.7	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC
20231226-MPRBG-(O36-S)@0.5	Background	0.5	0.7	No	Grab	Yes	TPH, EC, SAR, pH, boron (hot water soluble soil extract), <i>Organic Compounds in Soils</i> - Table 915-1, <i>ECMC Metals in Soils</i> - Table 915-1, ECMC

FT – feet

BGS – below ground surface

PPM – parts per millionV

TPH – total petroleum hydrocarbons

EC – electrical conductivity

SAR – sodium adsorption ratio

ECMC – Colorado Energy and Carbon  
Management Commission





*Photograph 1: 20231226-036-(FC-pipeline07)@6 sample collection site, looking E*



*Photograph 2: 20231226-036-(FC-pipeline08)@10 sample collection site, looking S*





*Photograph 3: 20231226-MPRBG-(036-N)@0.5 sample collection site, looking N*



*Photograph 4: 20231226-MPRBG-(036-E)@0.5 sample collection site, looking NE*





*Photograph 5: 20231226-MPRBG-(036-S)@0.5 sample collection site, looking SE*



Company Name/Address: <b>Caerus Oil and Gas LLC</b>						Billing Information: <b>Caerus Oil and Gas LLC</b>						Pres Chk		Analysis / Container / Preservative								Chain of Custody Page ____ of ____  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													
Report to: <b>Jake Janicek, Brett Middleton, Blair Rollins</b>						Email To: <b>Info on file</b>								<b>Table 915-1</b>								SDG # <b>169/893</b> <b>A097</b>													
Project Description: <b>D36 pipeline closure</b> <b>CABO and ABC samples and BORO BG</b>						City/State Collected: <b>Parachute CO</b>						Please Circle: PT <input checked="" type="radio"/> MT CT ET										Acctnum: <b>CAERUSPCO</b>													
Phone: <b>970-285-2720</b>						Client Project #						Lab Project # <b>CAERUSPCO-915</b>										Template:													
Collected by (print): <b>Nora Ouatt</b>						Site/Facility ID #						P.O. #										Prelogin:													
Collected by (signature): <b>Nora Ouatt</b>						<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 #						PM: <b>824 - Chris Ward</b>																	
Immediately Packed on Ice N ____ Y <input checked="" type="checkbox"/>						Date Results Needed						No. of Cntrs										PB:													
Sample ID						Comp/Grab		Matrix*		Depth		Date		Time										Shipped Via:											
1226-D36-(DFFC-pipeline)E05 grab						SS				6ft		12/26/23		1100		4		X								Remarks Sample # (lab only)									
1226-D36-(stock lot) comp						SS						12/26/23		1030		4		X								-01									
1226-D36-(DFFC-pipeline)E05 grab						SS				10ft		12/26/23		1145		4		X								-02									
1226-D36-(stock lot) comp						SS						12/26/23		1205		4		X								-03									
1226-MPRBE-(D36-N)E05 grab						SS				0.5ft		12/26/23		1315		4		X								-04									
1226-MPRBG-(D36-W)E05 grab						SS				0.5ft		12/26/23		1300		4		X								-05									
1226-MPRBG-(D36-E)E05 grab						SS				0.5ft		12/26/23		1320		4		X								-06									
1226-MPRBG-(D36-S)E05 grab						SS				0.5ft		12/26/23		1415		4		X								-07									
																										-08									
* 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 # <b>6295 1090 3298</b>				pH ____ Temp ____ Flow ____ Other ____				Sample Receipt Checklist COC Seal Present/Intact: ____ NP <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N COC Signed/Accurate: ____ X <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Bottles arrive intact: ____ X <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Correct bottles used: ____ X <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Sufficient volume sent: ____ X <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N If Applicable VOA Zero Headspace: ____ Y <input checked="" type="checkbox"/> N Preservation Correct/Checked: ____ Y <input checked="" type="checkbox"/> N RAD Screen <0.5 mR/hr: ____ Y <input checked="" type="checkbox"/> N			
Relinquished by : (Signature) <b>Nora Ouatt</b>						Date: <b>12/27/23</b>		Time:		Received by: (Signature)						Trip Blank Received: Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> HCL / MeOH TBR						Temp: ____ °C Bottles Received: <b>5.2+0.2</b>				If preservation required by Login: Date/Time <b>5.2</b>									
Relinquished by : (Signature)						Date:		Time:		Received by: (Signature)						Temp: ____ °C Bottles Received: <b>5.2+0.2</b>						If preservation required by Login: Date/Time <b>5.2</b>													
Relinquished by : (Signature)						Date:		Time:		Received for lab by: (Signature) <b>Lab well</b>						Date: <b>12-28-23</b> Time: <b>9:00</b>						Hold:				Condition: NCF <input checked="" type="checkbox"/>									