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*Automated Report*

## Technical Report for

### Occidental Petroleum Corporation

Kerr-McGee: GWA\_Lizzy\_8\_36HZ

FID.753511 Reg.AI 615 FRQ.1SUB

SGS Job Number: DA72256

Sampling Date: 05/08/25

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ATTN: Distribution6

Total number of pages in report: 19



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

A handwritten signature in black ink, appearing to read "Eric Hoffman".

**Eric Hoffman**

**Client Service contact: Parna Payandeh 303-425-6021**

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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## Sample Summary

Occidental Petroleum Corporation

Job No: DA72256

Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Project No: FID.753511 Reg.AI 615 FRQ.1SUB

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
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This report contains results reported as ND = Not detected. The following applies:

Organics ND = Not detected above the MDL

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DA72256-1	05/08/25	10:52 AI	05/09/25	AQ	Trip Blank Water	BW_TRIPLE_292490_TRIP_BLANK
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## CASE NARRATIVE / CONFORMANCE SUMMARY

**Client:** Occidental Petroleum Corporation

**Job No:** DA72256

**Site:** Kerr-McGee: GWA\_Lizzy\_8\_36HZ

**Report Date** 5/20/2025 3:19:37 AM

On 05/09/2025, 0 sample(s), 1 Trip Blank(s), 0 Equip. Blanks and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 5.9 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA72256 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

### MS Volatiles By Method SW846 8260B

**Matrix:** AQ

**Batch ID:** V7V4914

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA72265-15MS, DA72265-15MSD were used as the QC samples indicated.

### GC Volatiles By Method SW846 8015C

**Matrix:** AQ

**Batch ID:** GGA3041

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA72265-2MS, DA72265-2MSD were used as the QC samples indicated.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Tuesday, May 20, 2025

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## Summary of Hits

**Job Number:** DA72256  
**Account:** Occidental Petroleum Corporation  
**Project:** Kerr-McGee: GWA\_Lizzy\_8\_36HZ  
**Collected:** 05/08/25



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA72256-1      BW\_TRIPLE\_292490\_TRIP\_BLANK

No hits reported in this sample.

**Sample Results**

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**Report of Analysis**

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## Report of Analysis

<b>Client Sample ID:</b> BW_TRIPLE_292490_TRIP_BLANK <b>Lab Sample ID:</b> DA72256-1 <b>Matrix:</b> AQ - Trip Blank Water <b>Method:</b> SW846 8260B <b>Project:</b> Kerr-McGee: GWA_Lizzy_8_36HZ	<b>Date Sampled:</b> 05/08/25 <b>Date Received:</b> 05/09/25 <b>Percent Solids:</b> n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V100201.D	1	05/15/25 13:09	MB	n/a	n/a	V7V4914
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

### Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00060	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00060	mg/l	
1330-20-7	Xylene (total)	ND	0.0010	0.0010	mg/l	
	m,p-Xylene	ND	0.0010	0.00096	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected      MDL = Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

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## Report of Analysis

<b>Client Sample ID:</b> BW_TRIPLE_292490_TRIP_BLANK <b>Lab Sample ID:</b> DA72256-1 <b>Matrix:</b> AQ - Trip Blank Water <b>Method:</b> SW846 8015C <b>Project:</b> Kerr-McGee: GWA_Lizzy_8_36HZ	<b>Date Sampled:</b> 05/08/25 <b>Date Received:</b> 05/09/25 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA69719.D	1	05/12/25 05:30	MB	n/a	n/a	GGA3041
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.040	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	111%		60-140%		

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ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
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**Misc. Forms**

**Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody



CHAIN OF CUSTODY

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.acctest.com

Form containing client information, project details, requested analysis (PH, SCOD, TDS, etc.), and a table for sample collection with columns for Date, Time, Matrix, and various chemical parameters.

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## SGS Sample Receipt Summary

Job Number: da72256

Client: ABSAROKA

Project: GWA

Date / Time Received: 5/9/2025 11:55:00 AM

Delivery Method: co

Airbill #'s: \_\_\_\_\_

Cooler Temps (Raw Measured) °C: Cooler 1: (5.9);

Cooler Temps (Corrected) °C: Cooler 1: (5.9);

**Cooler Informatio**

Y or N

- 1. Custody Seals Present:
- 2. Custody Seals Intact:
- 3. Temp criteria achieved:
- 4. Cooler temp verification: IR Gun
- 5. Cooler media: Ice (Bag)

**Trip Blank Information**

Y or N N/A

- 1. Trip Blank present / cooler:
- 2. Trip Blank listed on COC:

W or S N/A

- 3. Type of TB Received

**Sample Information**

Y or N N/A

- 1. Sample labels present on bottles:
- 2. Samples presented properly
- 3. Sufficient volume/containers recv'd for analysi
- 4. Condition of sample: Intact
- 5. Sample recv'd within HT
- 6. Dates/Times/IDs on COC match sample labe
- 7. VOCs have headspace
- 8. Bottles received for unspecified tests
- 9. Compositing instructions clear
- 10. Voa Soil Kits/Jars received past 48hrs?
- 11. % Solids Jar Received?
- 12. Residual Chlorine Present?

**Misc Information**

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals  
 Test Strip Lot #: pH 0-3: \_\_\_\_\_ pH 10-12: \_\_\_\_\_ Other: (Specify) \_\_\_\_\_  
 Residual Chlorine Test Strip Lot \_\_\_\_\_

Comments

SM001

Rev. Date 05/04/17

Technician: JEREMYD

Date: 5/9/2025 12:14:36 PM

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

**DA72256: Chain of Custody**

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## MS Volatiles

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## QC Data Summaries

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**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

# Method Blank Summary

Job Number: DA72256  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V4914-MB	7V100195.D	1	05/15/25	MB	n/a	n/a	V7V4914

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72256-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.60	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	1.0	0.96	ug/l	
95-47-6	o-Xylene	ND	1.0	0.60	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	110% 70-130%
17060-07-0	1,2-Dichloroethane-D4	99% 70-130%
2037-26-5	Toluene-D8	98% 70-130%
460-00-4	4-Bromofluorobenzene	90% 70-130%

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# Blank Spike Summary

Job Number: DA72256  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V4914-BS	7V100193.D	1	05/15/25	MB	n/a	n/a	V7V4914

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72256-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	47.1	94	70-130
100-41-4	Ethylbenzene	50	44.1	88	70-130
108-88-3	Toluene	50	46.2	92	70-130
	m,p-Xylene	100	89.3	89	70-130
95-47-6	o-Xylene	50	43.5	87	70-130
1330-20-7	Xylene (total)	150	133	89	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	114%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72256  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72265-15MS	7V100196.D	1	05/15/25	MB	n/a	n/a	V7V4914
DA72265-15MSD	7V100197.D	1	05/15/25	MB	n/a	n/a	V7V4914
DA72265-15	7V100198.D	1	05/15/25	MB	n/a	n/a	V7V4914

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72256-1

CAS No.	Compound	DA72265-15 Spike		MS	MS	Spike	MSD	MSD	RPD	Limits
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l		%
71-43-2	Benzene	ND	50	44.9	90	50	45.6	91	2	70-130/30
100-41-4	Ethylbenzene	ND	50	42.5	85	50	43.7	87	3	70-130/30
108-88-3	Toluene	ND	50	44.0	88	50	44.2	88	0	70-130/30
	m,p-Xylene	ND	100	85.1	85	100	87.4	87	3	70-130/30
95-47-6	o-Xylene	ND	50	40.8	82	50	43.0	86	5	70-130/30
1330-20-7	Xylene (total)	ND	150	126	84	150	130	87	3	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72265-15 Limits	
1868-53-7	Dibromofluoromethane	116%	115%	115%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	97%	70-130%
2037-26-5	Toluene-D8	100%	97%	95%	70-130%
460-00-4	4-Bromofluorobenzene	100%	101%	87%	70-130%

\* = Outside of Control Limits.

## GC Volatiles

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## QC Data Summaries

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**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

# Method Blank Summary

Job Number: DA72256  
Account: ANADACOD Occidental Petroleum Corporation  
Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA3041-MB	GA69712.D	1	05/12/25	MB	n/a	n/a	GGA3041

The QC reported here applies to the following samples:

Method: SW846 8015C

DA72256-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.040	mg/l	

CAS No.	Surrogate Recoveries	Limits
120-82-1	1,2,4-Trichlorobenzene	111% 60-140%

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# Blank Spike Summary

Job Number: DA72256  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA3041-BS	GA69710.D	1	05/11/25	MB	n/a	n/a	GGA3041

The QC reported here applies to the following samples:

Method: SW846 8015C

DA72256-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	2.2	1.68	76	64-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	111%	60-140%

\* = Outside of Control Limits.

7.2.1  
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# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72256  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee: GWA\_Lizzy\_8\_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72265-2MS	GA69713.D	1	05/12/25	MB	n/a	n/a	GGA3041
DA72265-2MSD	GA69714.D	1	05/12/25	MB	n/a	n/a	GGA3041
DA72265-2	GA69715.D	1	05/12/25	MB	n/a	n/a	GGA3041

The QC reported here applies to the following samples:

Method: SW846 8015C

DA72256-1

CAS No.	Compound	DA72265-2 mg/l	Spike Q mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	2.2	1.60	73	2.2	1.60	73	0	56-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72265-2	Limits
120-82-1	1,2,4-Trichlorobenzene	112%	117%	111%	60-140%

\* = Outside of Control Limits.

7.3.1  
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