

Form C-141

State of New Mexico  
Oil Conservation Division

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Incident ID	nAPP2228028246
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	>100' ____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: David Henderson Title: Manager

Signature:  Date: 4/10/2023

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Jocelyn Harimon Date: 04/10/2023

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### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: David Henderson Title: Manager  
 Signature:  Date: 4-10-2023  
 email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Jocelyn Harimon Date: 04/10/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 01/22/2024  
 Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

## **Remediation Summary and Closure Request**

**Seely Oil Company**

**EK Central Queen Unit #13**

Lea County, New Mexico

Unit "N", Section 7, Township 18 South, Range 34 East

Latitude 32.7558708 North, Longitude -103.6005178 South

NMOCD Reference No. nAPP2228028246

Prepared By:

JBW Solutions LLC

PO Box 1450

Hobbs, NM 88241

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Jeff Broom

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Jeff Williams

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**Tables, Figures, and Analytical Data**

- Topo Map
- Depth to Groundwater Data
- Excavation Images
- Sample Map
- Sample Log
- Analytical Data

## 1.0 PROJECT INFORMATION

JBW Solutions LLC (JBW), on behalf of Seely Oil Company, has prepared this Remediation Summary & Soil Closure Request for the release known as the EK Queen Unit #13. Initial C-141 was received by NMOCD on 10/7/2022. This release is Incident # nAPP228028246.

## 2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine known water resources within a ½ mile radius of the EK Queen Unit #13. Probable groundwater depth was determined using data found on the NMOSE POD Map. A total of 2 wells were located within the ½ mile radius both showing water greater than 100'. Table 1 for groundwater less than 50' were met at depths of 2' and 3'.

## 3.0 REMEDIATION ACTIVITIES

On February 5 and 6 of 2023 remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Hard rock was encountered at 12" to 18" throughout the dig site.

On February 9, 2023, a variance request was requested by JBW for Seely Oil Company asking that current depths be accepted due to the hard rock. This variance was denied due to additional information being needed. After the request for variance was denied JBW did request a 90-day extension to allow for time to complete the excavation and complete final sampling of the release area. This request was approved on February 15, 2023. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

A final sampling notification was sent to NMOCD on February 22, 2023, for final sampling on February 24-25, 2023. Representative five- composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. Results showed W5 exceeded table one standards. Additional excavation was conducted in this area and another wall sample was taken from this area. This sample was taken to lab for analysis on March 27, 2023. Lab results show this area meets table one standards.

## 4.0 RESTORATION and REVEGETATION PLAN

Affected area is being backfilled and will be contoured to achieve erosion control, stability, and preservation of surface water flow to the extent most practical. Affected area will be reseeded with agency and or landowner approved seed mixture during the first favorable growing season following closure of this site.

## 5.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Approximately 740 yards of impacted soil was excavated and transported to an NMOCD approved disposal facility. Laboratory results indicate all samples were below table 1 standards for releases less than or equal to 50 feet to groundwater. The excavation was backfilled with clean imported caliche and topsoil.

Seely Oil Company has completed remediation activities in accordance with NMOCD closure criteria and respectfully request closure of nAPP228028246.

## **6.0 LIMITATIONS**

JBW Solutions LLC has prepared this Remediation Summary and Closure Report to the best of our ability. No other warranty, expressed or implied, is made or intended. JBW notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Seely Oil Company. Use of information in this report is prohibited without the consent of JBW and/or Seely Oil Company.

## **7.0 DISTRIBUTION**

### ***Seely Oil Company***

815 W. 10<sup>th</sup> St.

Fort Worth, TX 76102

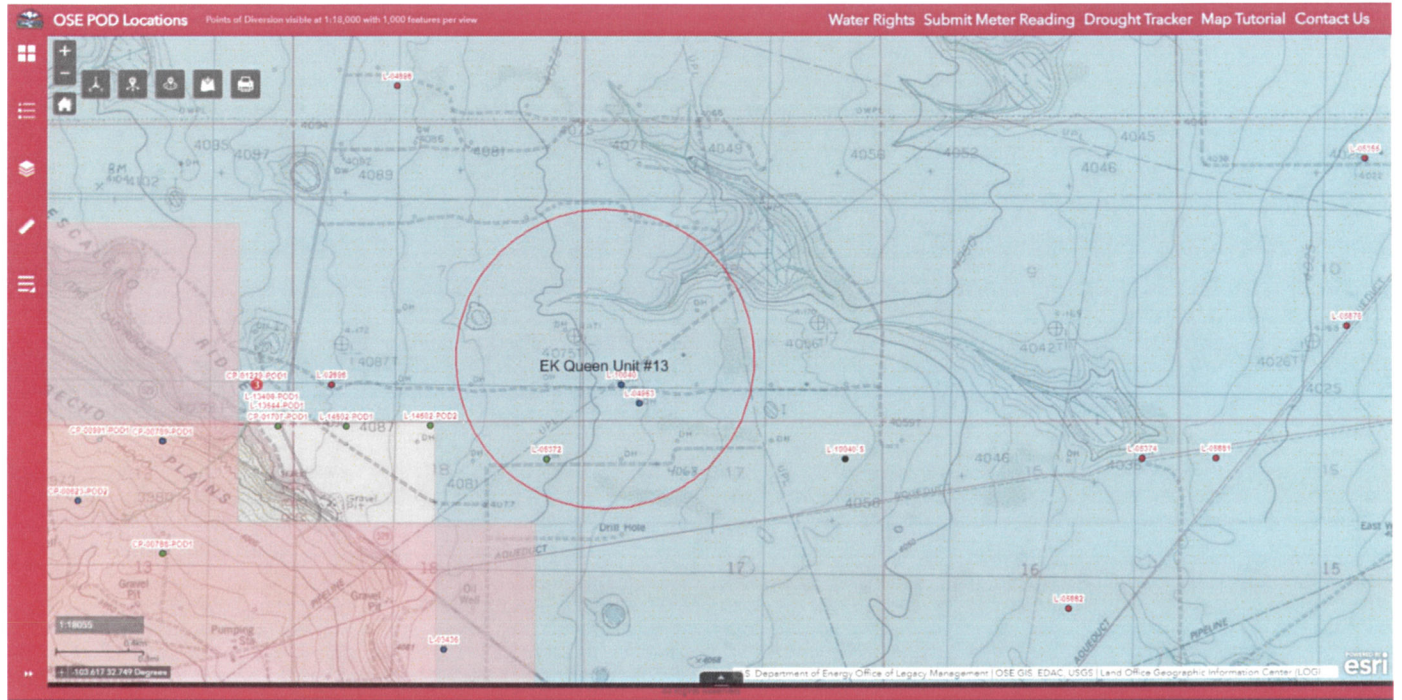
### ***New Mexico Energy, Minerals and Natural Resources Department***

*Oil Conservation Division, District 2*

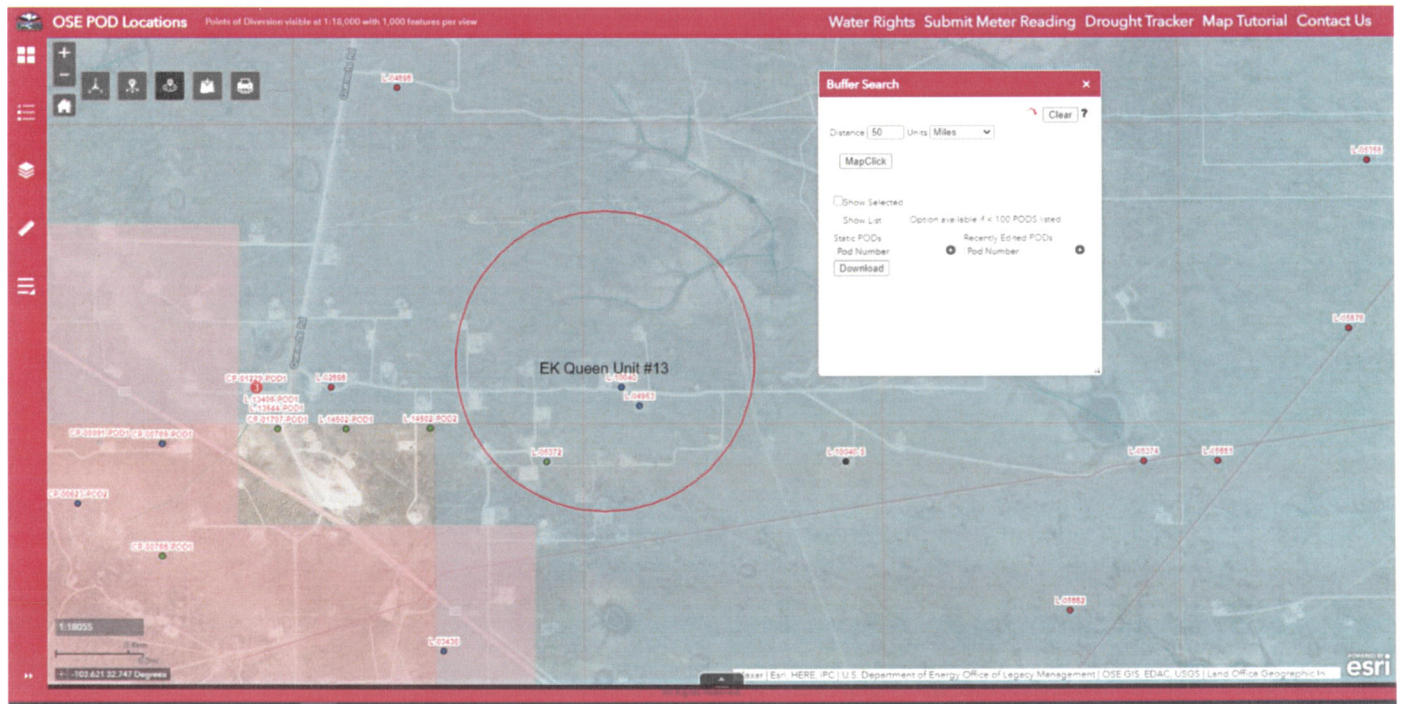
811 S. First Street

Artesia, NM 88210

### TOPO MAP



### NMOSE MAP







## New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L 10040		3 3 08	18S	34E	632170	3625205*	

<b>Driller License:</b> 421	<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b> CORKY GLENN		
<b>Drill Start Date:</b> 05/19/1994	<b>Drill Finish Date:</b> 05/19/1994	<b>Plug Date:</b>
<b>Log File Date:</b> 05/27/1994	<b>PCW Rcv Date:</b> 05/27/1994	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b>
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 215 feet	<b>Depth Water:</b> 145 feet

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	145	210	Sandstone Gravel Conglomerate

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	139	215

<b>Meter Number:</b> 8676	<b>Meter Make:</b>
<b>Meter Serial Number:</b>	<b>Meter Multiplier:</b> 1.0000
<b>Number of Dials:</b> 8	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Barrels 42 gal.	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b> Quarterly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/01/2005	2005	2348124	A	jw		0
04/01/2005	2005	2409479	A	jw		7.908
07/25/2005	2005	2433643	A	jw		3.115
10/27/2005	2005	2440058	A	jw		0.827
01/01/2006	2005	2441077	A	RPT		0.131
04/01/2006	2006	2443693	A	RPT		0.337
07/01/2006	2006	2446574	A	RPT		0.371
10/01/2006	2006	2450362	A	RPT		0.488
10/31/2014	2014	2957552	A	RPT		65.373
04/02/2015	2015	2962180	A	RPT		0.597



## New Mexico Office of the State Engineer Point of Diversion Summary

<b>Well Tag</b>	<b>POD Number</b>							
L 04953								

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
4	3	3	08	18S	34E	632269	3625104*

<b>Driller License:</b> 46	<b>Driller Company:</b> ABBOTT BROTHERS COMPANY	
<b>Driller Name:</b> MURRELL ABBOTT		
<b>Drill Start Date:</b> 08/12/1962	<b>Drill Finish Date:</b> 08/13/1962	<b>Plug Date:</b>
<b>Log File Date:</b> 08/23/1962	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 7.00	<b>Depth Well:</b> 200 feet	<b>Depth Water:</b> 150 feet

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	150	200	Sandstone/Gravel/Conglomerate

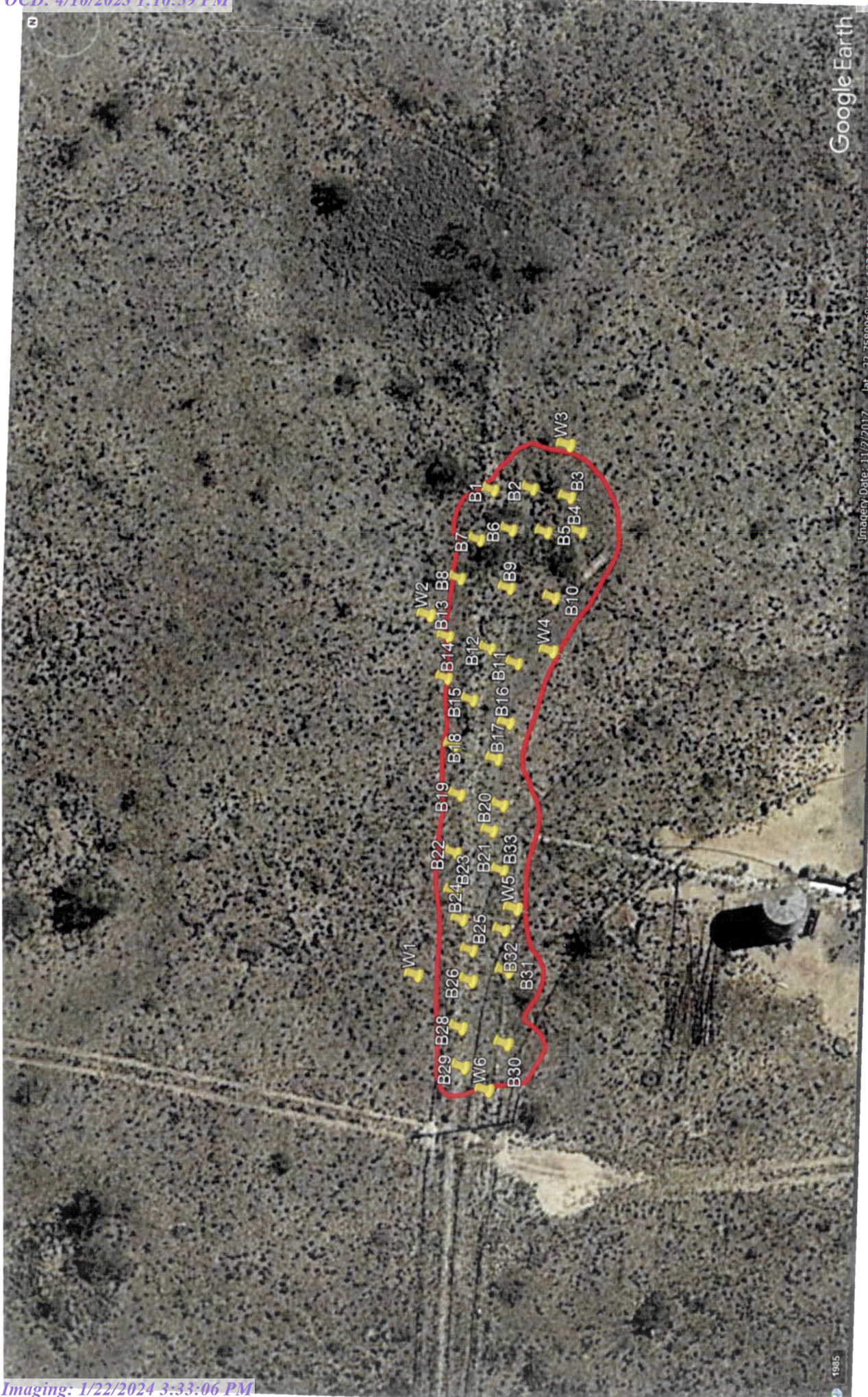
<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	150	200

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE ISC and is accepted by the recipient with the expressed understanding that the OSE ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/3/23 8:00 PM

POINT OF DIVERSION SUMMARY



Google Earth

Imagery Date: 11/2/2017 lat: 37.78096 lon: -103.50050

1985

Map ID	Sample Date	Sample ID	Depth	Field Chloride	Lab Chloride	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
<b>Wall Samples</b>														
W1	2/25/2023	W1	2'	386	192	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.758077, -103.590040
W2	2/25/2023	W2	2'	368	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.758074, -103.589675
W3	2/25/2023	W3	2'	373	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.757953 -103.589454
W4	2/25/2023	W4	2'	441	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.757987 -103.589734
W5	2/25/2023	W5	2'	447	928	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
	3/27/2023	W5	2'	135	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.757968 -103.590069
W6	2/25/2023	W6	2'	105	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.758011 -103.590216
<b>Bottom Samples</b>														
B1	2/24/2023	B1 @ 2'	2'	83	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75794, -103.58947
B2	2/24/2023	B2 @ 2'	2"	143	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75799, -103.58948
B3	2/24/2023	B3 @ 2'	2'	196	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75795, -103.58951
B4	2/24/2023	B4 @ 2'	2'	204	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75794, 103.58953
B5	2/24/2023	B5 @ 2'	2'	226	112	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75796, -103.58952
B6	2/24/2023	B6 @ 2'	2'	138	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75801, -103.58953
B7	2/24/2023	B7 @ 2'	2'	168	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75804, -103.58952
B8	2/24/2023	B8 @ 3'	3'	203	112	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75806, -103.58959
B9	2/24/2023	B9 @ 2'	2'	138	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75801, -103.58960
B10	2/24/2023	B10 @ 2'	2'	283	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75799, -103.58963
B11	2/24/2023	B11 @ 2'	2'	335	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75800, -103.58969
B12	2/24/2023	B12 @ 2'	2'	333	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75804, -103.58969
B13	2/24/2023	B13 @ 2'	2'	471	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75807, -103.58966
B14	2/24/2023	B14 @ 2'	2'	322	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75807, -103.58971
B15	2/24/2023	B15 @ 2'	2'	250	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75805, -103.58973
B16	2/24/2023	B16 @ 2'	2'	181	64	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75802, -103.58981
B17	2/24/2023	B17 @ 2'	2'	288	272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75803, -103.58981
B18	2/24/2023	B18 @ 2'	2'	92	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75806, -103.58979
B19	2/24/2023	B19 @ 2'	2'	105	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75804, -103.58985
B20	2/24/2023	B20 @ 2'	2'	232	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.75801, -103.58986



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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March 01, 2023

JEFF BROOM

SEELY OIL COMPANY

815 W. 10TH ST.

FORT WORTH, TX 76102

RE: CENTRAL EK QUEEN UNIT #13

Enclosed are the results of analyses for samples received by the laboratory on 02/27/23 8:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 1 @ 2' (H230896-01)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	7.28		
Toluene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	8.02		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	7.73		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.50	108	6.00	6.84		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 2 @ 2' (H230896-02)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	7.28		
Toluene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	8.02		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	7.73		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.50	108	6.00	6.84		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 3 @ 2' (H230896-03)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	7.28		
Toluene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	8.02		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	7.73		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.50	108	6.00	6.84		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 4 @ 2' (H230896-04)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/01/2023	ND	2.04	102	2.00	9.31		
Toluene*	<0.050	0.050	03/01/2023	ND	2.08	104	2.00	8.00		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	2.24	112	2.00	8.14		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	6.96	116	6.00	8.65		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 60.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 5 @ 2' (H230896-05)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/01/2023	ND	2.04	102	2.00	9.31		
Toluene*	<0.050	0.050	03/01/2023	ND	2.08	104	2.00	8.00		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	2.24	112	2.00	8.14		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	6.96	116	6.00	8.65		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 59.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 6 @ 3' (H230896-06)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/01/2023	ND	2.04	102	2.00	9.31		
Toluene*	<0.050	0.050	03/01/2023	ND	2.08	104	2.00	8.00		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	2.24	112	2.00	8.14		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	6.96	116	6.00	8.65		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 7 @ 3' (H230896-07)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/01/2023	ND	2.04	102	2.00	9.31		
Toluene*	<0.050	0.050	03/01/2023	ND	2.08	104	2.00	8.00		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	2.24	112	2.00	8.14		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	6.96	116	6.00	8.65		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 8 @ 3' (H230896-08)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 67.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 9 @ 2' (H230896-09)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 63.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 10 @ 2' (H230896-10)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 11 @ 2' (H230896-11)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 12 @ 2' (H230896-12)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 13 @ 2' (H230896-13)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>240</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	212	106	200	11.2		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	201	101	200	14.9		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 14 @ 2' (H230896-14)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 15 @ 2' (H230896-15)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 16 @ 2' (H230896-16)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 17 @ 2' (H230896-17)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 18 @ 2' (H230896-18)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 19 @ 2' (H230896-19)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 20 @ 2' (H230896-20)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 21 @ 2' (H230896-21)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 22 @ 2' (H230896-22)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 23 @ 2' (H230896-23)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 24 @ 2' (H230896-24)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 25 @ 2' (H230896-25)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>288</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 26 @ 2' (H230896-26)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>288</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 27 @ 2' (H230896-27)**

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	1.94	97.0	2.00	3.91		
Toluene*	<0.050	0.050	02/28/2023	ND	1.98	99.2	2.00	4.91		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.14	107	2.00	5.08		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.65	111	6.00	5.20		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>272</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND						

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 28 @ 2' (H230896-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>240</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 29 @ 2' (H230896-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>208</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 30 @ 2' (H230896-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>208</b>	16.0	02/27/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 31 @ 2' (H230896-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 32 @ 2' (H230896-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: B 33 @ 2' (H230896-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 94.7% 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>416</b>	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	208	104	200	0.725		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	168	83.8	200	9.64		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 79.9% 48.2-134

Surrogate: 1-Chlorooctadecane 84.6% 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 1 (H230896-34)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 2 (H230896-35)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 3 (H230896-36)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 4 (H230896-37)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>160</b>	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 5 (H230896-38)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>928</b>	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	02/27/2023	Sampling Date:	02/25/2023
Reported:	03/01/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W 6 (H230896-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	11.6		
Toluene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.08	104	2.00	12.6		
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.45	107	6.00	12.7		
Total BTEX	<0.300	0.300	02/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	02/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2023	ND	215	107	200	2.08		
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND						

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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**Notes and Definitions**

- QM-07            The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND                Analyte NOT DETECTED at or above the reporting limit
- RPD              Relative Percent Difference
- \*\*                Samples not received at proper temperature of 6°C or below.
- \*\*\*              Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Seely Oil Company  
 Project Manager: JEFF Broom / Mike Faser  
 Address: 815 W. 10th St.  
 City: FORT WORTH State: TX Zip: 76102  
 Phone #: (817) 332-1377 Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: MIKE FASER  
 Project Name: CENTRAL EK QUEEN UNIT #13 State: TX Zip: 76102  
 Project Location: CENTRAL EK QUEEN UNIT #13 Phone #: (817) 332-1377  
 Sampler Name: JEFF WILLIAMS Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL -	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<u>H230896</u>	<u>1</u>	<u>B102'</u>	<u>C</u>								<u>2/27/23</u>	<u>1</u>			
	<u>2</u>	<u>B202'</u>	<u>C</u>									<u>1</u>			
	<u>3</u>	<u>B302'</u>	<u>C</u>									<u>1</u>			
	<u>4</u>	<u>B402'</u>	<u>C</u>									<u>1</u>			
	<u>5</u>	<u>B502'</u>	<u>C</u>									<u>1</u>			
	<u>6</u>	<u>B603'</u>	<u>C</u>									<u>1</u>			
	<u>7</u>	<u>B703'</u>	<u>C</u>									<u>1</u>			
	<u>8</u>	<u>B803'</u>	<u>C</u>									<u>1</u>			
	<u>9</u>	<u>B902'</u>	<u>C</u>									<u>1</u>			
	<u>10</u>	<u>B1002'</u>	<u>C</u>								<u>2/27/23</u>	<u>1</u>			

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Relinquished By: JEFF Broom Date: 2/27/23 Received By: William Williams  
 Time: 0822 Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_ Date: \_\_\_\_\_  
 Delivered By: (Circle One) Observed Temp. °C: -6.3 Sample Condition:  Intact  Cool  Yes  No  Yes  No  
 Corrected Temp. °C: -6.9 CHECKED BY: AW  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Yes  No  
 Correction Factor -0.5°C Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

REMARKS: email above, JBroom@JBWSOLUTIONSLLC.com  
Please email results to:



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>CELEY OIL COMPANY</u>		P.O. #:	
Project Manager: <u>JEFF BROWN / MIKE FLORIN</u>		Company:	
Address:	State:	Zip:	Attn:
City:	Fax #:	Address:	City:
Phone #:	Project Owner:	State:	Zip:
Project #:	<u>GENERAL EK QUEEN WWT #13</u>	Phone #:	Fax #:
Project Location: <u>GENERAL EK QUEEN WWT #13</u>			
Sampler Name: <u>JEFF WILKINS</u>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL-	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE					
<u>H230896</u>	<u>B11 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B12 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B13 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B14 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B15 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B16 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B17 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B18 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B19 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>B20 @ 2'</u>	<u>C</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2/27/13</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	

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Relinquished By: <u>JEFF BROWN</u>	Date: <u>2/27/13</u>	Received By: <u>YVONNE WALKER</u>	Date: <u>2/27/13</u>
Time: <u>08:22</u>	Time: <u>11:00</u>	Time: <u>11:00</u>	Time: <u>11:00</u>
Observed Temp. °C: <u>-6.3</u>	Corrected Temp. °C: <u>-6.9</u>	Sample Condition: <u>✓</u>	Checked By: <u>YV</u>
Turnaround Time: <u>1817</u>	Standard: <u>332-1377</u>	Bacteria (only): <u>✓</u>	Sample Condition: <u>✓</u>
Thermometer ID #113	Rush: <u>✓</u>	Cool In tact: <u>✓</u>	Observed Temp. °C: <u>✓</u>
Correction Factor 0.6°C	Corrected Temp. °C: <u>✓</u>	Corrected Temp. °C: <u>✓</u>	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

REMARKS: PLEASE CONTACT ROBIN FOR PAYMENT  
Broom @ JBW SOLUTIONS LLC.COM  
@ (817) 332-1377



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: SEELY OIL COMPANY  
 Project Manager: JEFF BROWN / MIKE FRISSELL  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: CENTRAL EK QUEEN WAST #13  
 Project Location: CENTRAL EK QUEEN WAST #13  
 Sampler Name: JEFF KEENE  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL -	BTX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4230896														
21	B21 @ 2'	C							2/24/23					
22	B22 @ 2'	C							2/24/23					
23	B23 @ 2'	C							2/24/23					
24	B24 @ 2'	C							2/24/23					
25	B25 @ 2'	C							2/24/23					
26	B26 @ 2'	C							2/24/23					
27	B27 @ 2'	C							2/24/23					
28	B28 @ 2'	C							2/24/23					
29	B29 @ 2'	C							2/24/23					
30	B30 @ 2'	C							2/25/23					

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Relinquished By: JEFF BROWN Date: 2/27/23 Received By: KEENE Date: 2/27/23  
 Delivered By: (Circle One) Observed Temp. °C: -6.3 Sample Condition:  Cool  Intact  
 Sampler - UPS - Bus - Other: Corrected Temp. °C: -10.9  Yes  No  
 CHECKED BY: (Initials) JK  
 Remarks: for payment. Standard RUSH  
 Turnaround Time: \_\_\_\_\_ Bacteria (only)  Sample Condition:  Cool  Intact  
 Thermometer ID #113  Yes  No  
 Correction Factor -0.6°C  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com





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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: *Sally Ozil Company*  
 Project Manager: *Jeff Brown / Mike Fyssel*  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: *Mike Fyssel*  
 Project Name: *Central EK Queen West #13*  
 Project Location: *Central EK Queen West #13*  
 Sampler Name: *Jeff Wickens*  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL -	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<i>H230896</i>	<i>B31021</i>	<i>C</i>	<i>1</i>			<i>1</i>				<i>2/25/23</i>		<i>1</i>			
	<i>B32021</i>	<i>C</i>	<i>1</i>			<i>1</i>				<i>2/25/23</i>		<i>1</i>			
	<i>B33021</i>	<i>C</i>	<i>1</i>			<i>1</i>				<i>2/25/23</i>		<i>1</i>			

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Relinquished By: *Jeff Brown*  
 Date: *2/27/23*  
 Time: *1822*  
 Received By: *Rebecca Delaney*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: *6.3*  
 Corrected Temp. °C: *6.9*  
 Sampler:  UPS  Bus  Other: \_\_\_\_\_  
 Sample Condition: Cool  Intact   
 Checked By: (Initials) *[Signature]*

Thermometer ID #113  
 Turnaround Time: *Standard*  *RUSH*   
 Bacteria (only)  Sample Condition   
 Cool Intact  Observed Temp. °C \_\_\_\_\_  
 Corrected Temp. °C \_\_\_\_\_

REMARKS: *Rebecca Delaney*  
*Rebecca Delaney*  
*Rebecca Delaney*  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 Turnaround Time: *Standard*  *RUSH*   
 Bacteria (only)  Sample Condition   
 Cool Intact  Observed Temp. °C \_\_\_\_\_  
 Corrected Temp. °C \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: CELEY OIL COMPANY  
 Project Manager: JEFF BRUM / MIKE FISHER  
 Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: CENTRAL ER QUEEN WERT #13  
 Project Location: CENTRAL ER QUEEN WERT #13  
 Sampler Name: JEFF WILLIAMS

P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL -	BTX	EXT. TAH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
	H230896														
	34 W1	C								2/25/23		✓	✓	✓	
	35 W2	C								2/25/23		✓	✓	✓	
	36 W3	C								2/25/23		✓	✓	✓	
	37 W4	C								2/25/23		✓	✓	✓	
	38 W5	C								2/25/23		✓	✓	✓	
	39 W6	C								2/25/23		✓	✓	✓	

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Relinquished By: JEFF BRUM Date: 2/25/23 Received By: Michelle Williams Date: 2/25/23  
 Time: 0822 Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Delivered By: (Circle One) Observed Temp. °C: -4.3 Sample Condition:  Intact  Cool  Yes  No  
 Corrected Temp. °C: -6.9  Yes  No  
 Checked By: (Initials) JP  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 Bacteria (only) Sample Condition:  Intact  Cool  Yes  No  
 Correction Factor -0.6°C  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

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REMARKS: JEFF BRUM @ JBW SOLUTIONS LLC. COM  
FOR PAYMENT: CONTACT ROBYN @ (817) 332-1377



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---

March 29, 2023

JEFF BROOM

SEELY OIL COMPANY

815 W. 10TH ST.

FORT WORTH, TX 76102

RE: CENTRAL EK QUEEN UNIT #13

Enclosed are the results of analyses for samples received by the laboratory on 03/24/23 15:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

SEELY OIL COMPANY  
 JEFF BROOM  
 815 W. 10TH ST.  
 FORT WORTH TX, 76102  
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/29/2023	Sampling Type:	Soil
Project Name:	CENTRAL EK QUEEN UNIT #13	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CENTRAL EK QUEEN UNIT #13		

**Sample ID: W5 (H231367-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2023	ND	1.93	96.7	2.00	1.83		
Toluene*	<0.050	0.050	03/27/2023	ND	1.97	98.3	2.00	0.655		
Ethylbenzene*	<0.050	0.050	03/27/2023	ND	2.00	100	2.00	0.959		
Total Xylenes*	<0.150	0.150	03/27/2023	ND	6.02	100	6.00	1.85		
Total BTEX	<0.300	0.300	03/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	03/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	189	94.3	200	4.26		
DRO >C10-C28*	<10.0	10.0	03/27/2023	ND	182	90.8	200	5.77		
EXT DRO >C28-C36	<10.0	10.0	03/27/2023	ND						

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: *Celey Oil Company* P.O. #: \_\_\_\_\_  
 Project Manager: *MIKE FRASER* Company: *JBL Solutions*  
 Address: \_\_\_\_\_ Attn: *Jeff Brown*  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: *CENTRAL EK QUEEN UNIT #13* City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: \_\_\_\_\_ Phone #: *575.665.6508*  
 Sampler Name: *Jeff Brown* Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL-	BTEX	EXT-TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
<i>H231367</i>	<i>WS</i>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<i>3/24/23</i>	<i>1000</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: \_\_\_\_\_ Date: *3/24/23*  
 Received By: *Jeff Brown* Date: *3/24/23*  
 Observed Temp. °C: *10.9* Corrected Temp. °C: *10.3*  
 Delivered By: (Circle One) \_\_\_\_\_  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: (Initials) *JFB*  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 REMARKS: *Email Results to: jbrown@jbsolutionsllc.com*  
*Bill to JBL SOLUTIONS. CONTACT JEFF FOR PRINTING*  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 Bacteria (only) Sample Condition  Yes  No  
 Correction Factor -0.6°C  Yes  No Observed Temp. °C \_\_\_\_\_  
 Corrected Temp. °C \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 205697

**CONDITIONS**

Operator: SEELY OIL CO 815 W 10th Street Ft. Worth, TX 76102	OGRID: 20497
	Action Number: 205697
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	None	1/22/2024