



SITE INFORMATION

Closure Report
Skelly to Lobo Inlet 18" Steel Line
Incident ID: nAPP2320236514
Eddy County, New Mexico
Unit E Sec 18 T17S R31E
32.837604°, -103.913854°

Crude Oil and Natural Gas Release
Point of Release: Interior and Exterior Deterioration of Pipe
Release Date: 07/19/23
Volume Released: 10 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Durango Midstream, LLC
47 Conoco Rd.
Maljamar, New Mexico 88264

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701



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October 11, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Report
Skelly to Lobo Inlet 18" Steel Line
Durango Midstream, LLC
Site Location: Unit E, S18, T17S, R31E
(Lat 32.837604°, Long -103.913854°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Durango Midstream, LLC, Carmona Resources, LLC has prepared this letter to document site assessment activities for the Skelly to Lobo Inlet 18" Steel Line. The site is located at 32.837604°, -103.913854° within Unit E, S18, T17S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 19, 2023, due to the deterioration of a pipe. It resulted in approximately ten (10) barrels of crude oil, with zero (0) barrels of crude oil recovered. The impacted area occurred on the lease road and pasture, as shown in Figure 3. The initial C-141 form is attached in Appendix C. On August 11, 2023, the BLM approved starting remediation activities without a biological and archeology survey. Documentation of the correspondence is located in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is approximately 0.69 miles northwest of the site in S13, T17S, R30E and was drilled in 2023. The well has a reported depth to groundwater of 101 feet below the ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 14, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of thirty (30) confirmation floor samples were collected (CS-1 through CS-30), and thirty-three (33) sidewall samples (SW-1 through SW-33) were collected every 200 square feet to ensure the proper removal of



the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 460 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The site was re-seeded during the summer on August 31, 2023, to help aid the growth process. The seed mixture was spread by hand. Topsoil matching the surrounding areas was raked back on top of the seed after being broadcasted. The seed mixture used was the BLM Seed Mixture LPC Sand/Shinnery Site (See attachments in Appendix F).

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Durango Midstream, LLC formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

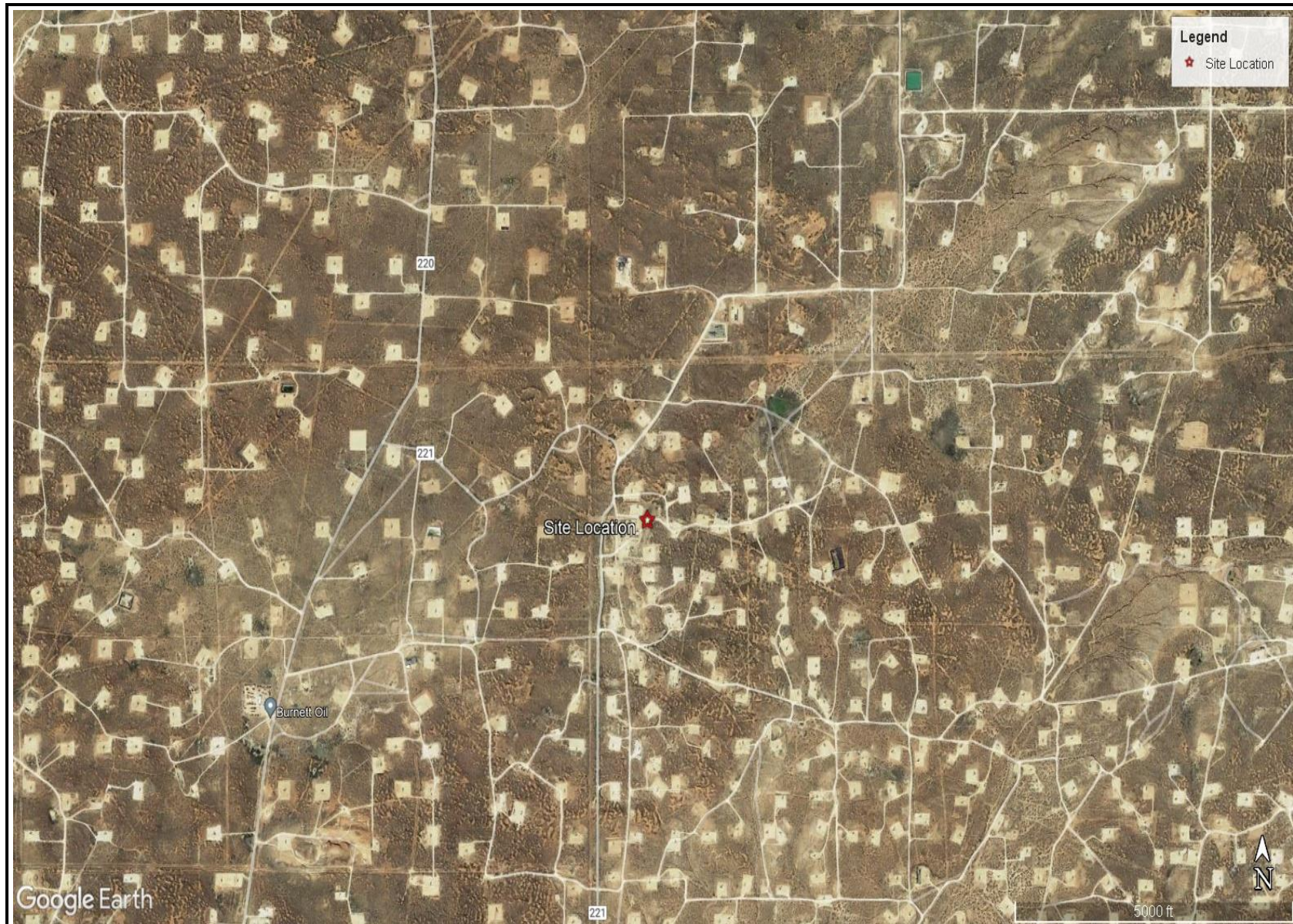
Mike Carmona
Environmental Manager

Clinton Merritt
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
DURANGO MIDSTREAM, LLC
SKELLY TO LOBO INLET 18" STEEL LINE
EDDY COUNTY, NEW MEXICO
32.837604°, -103.913854°



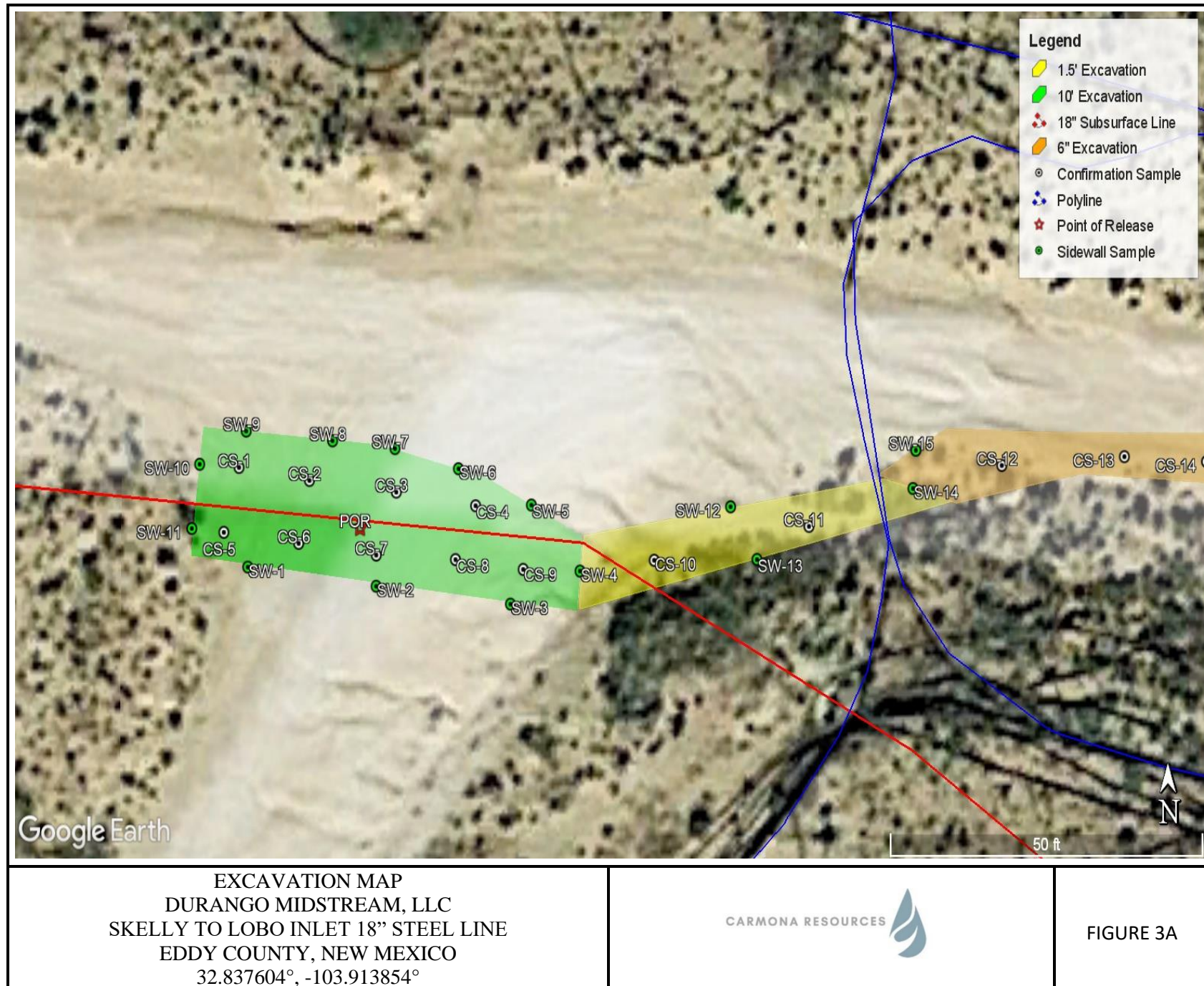
FIGURE 1

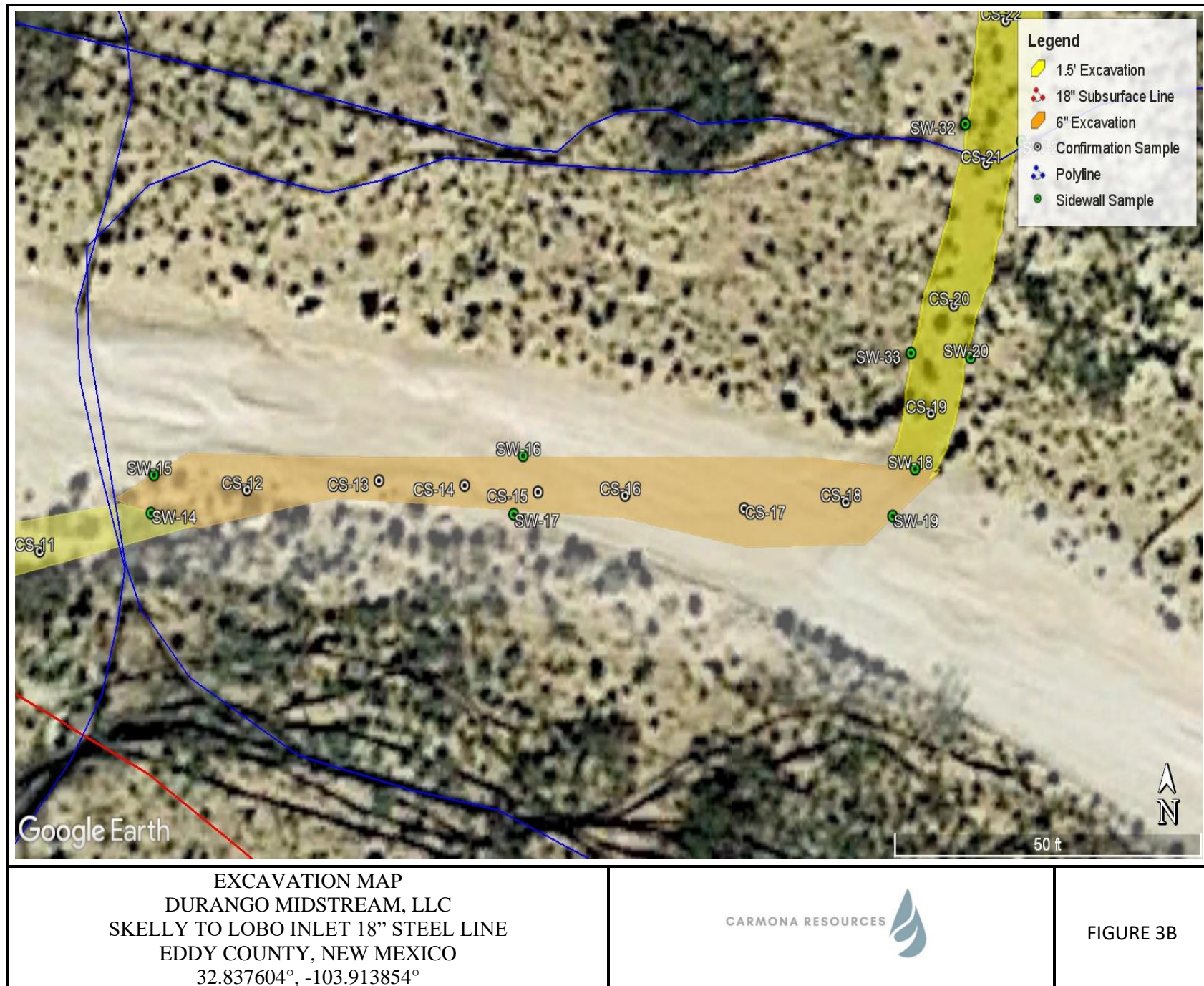


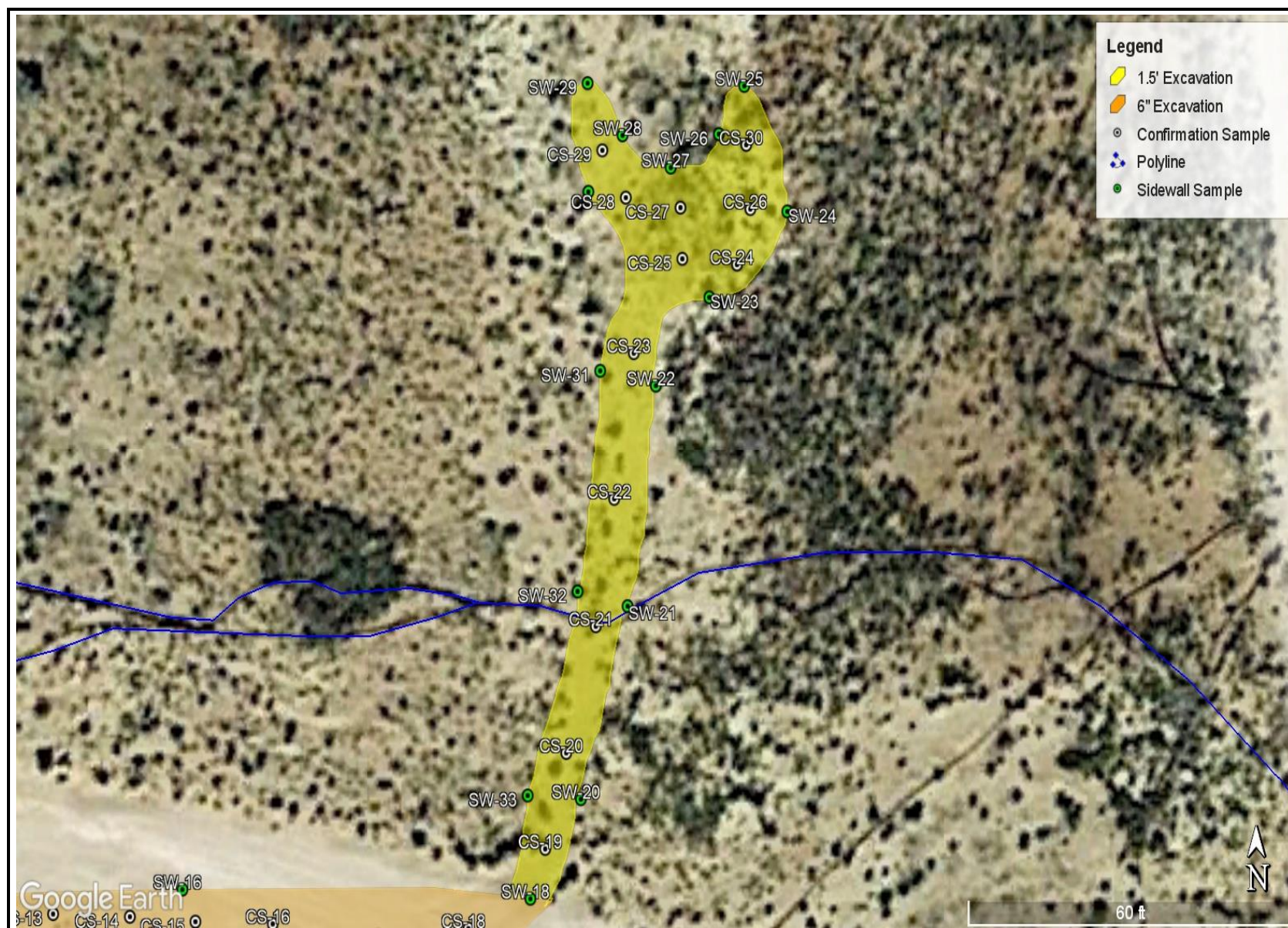
TOPOGRAPHIC MAP
 DURANGO MIDSTREAM, LLC
 SKELLY TO LOBO INLET 18" STEEL LINE
 EDDY COUNTY, NEW MEXICO
 32.837604°, -103.913854°



FIGURE 2







EXCAVATION MAP
 DURANGO MIDSTREAM, LLC
 SKELLY TO LOBO INLET 18" STEEL LINE
 EDDY COUNTY, NEW MEXICO
 32.837604°, -103.913854°



FIGURE 3C

APPENDIX A

CARMONA RESOURCES



Table 1
Durango Midstream
Skelly to Lobo Inlet 10" Steel Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-3	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-4	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-5	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-6	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-7	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-8	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-9	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-10	8/17/2023	1.5	<10.0	22.0	<10.0	22.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-11	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-12	8/17/2023	0.5	<10.0	12.4	<10.0	12.4	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-13	8/17/2023	0.5	<10.0	65.4	<10.0	65.4	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-14	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-15	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
Durango Midstream
Skelly to Lobo Inlet 10" Steel Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-16	8/17/2023	0.5	<10.0	42.1	<10.0	42.1	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-17	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-18	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-19	8/17/2023	1.5	<10.0	38.3	<10.0	38.3	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-20	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-21	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-23	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-24	8/17/2023	1.5	<10.0	41.0	<10.0	41.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-25	8/17/2023	1.5	<10.0	62.3	11.3	72.6	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-26	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-27	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	8/17/2023	1.5	<10.0	40.9	<10.0	40.9	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-29	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-30	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
Durango Midstream
Skelly to Lobo Inlet 10" Steel Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-2	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-3	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-4	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-5	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-6	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-7	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-8	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-9	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-10	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-11	8/17/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-12	8/17/2023	1.5	<10.0	32.9	<10.0	32.9	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-13	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-14	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-15	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

Table 1
Durango Midstream
Skelly to Lobo Inlet 10" Steel Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-16	8/17/2023	0.5	<10.0	23.7	<10.0	23.7	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-17	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-18	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-19	8/17/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-20	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-21	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-22	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-23	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-24	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-25	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-26	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-27	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-28	8/17/2023	1.5	<10.0	31.8	<10.0	31.8	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-29	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-30	8/17/2023	1.5	<10.0	66.2	16.4	82.6	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-31	8/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-32	8/17/2023	1.5	<10.0	14.5	<10.0	14.5	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-33	8/17/2023	1.5	<10.0	44.7	<10.0	44.7	<0.050	<0.050	<0.050	<0.150	<0.300	128
(CS) Confirmation Sample							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Durango Midstream

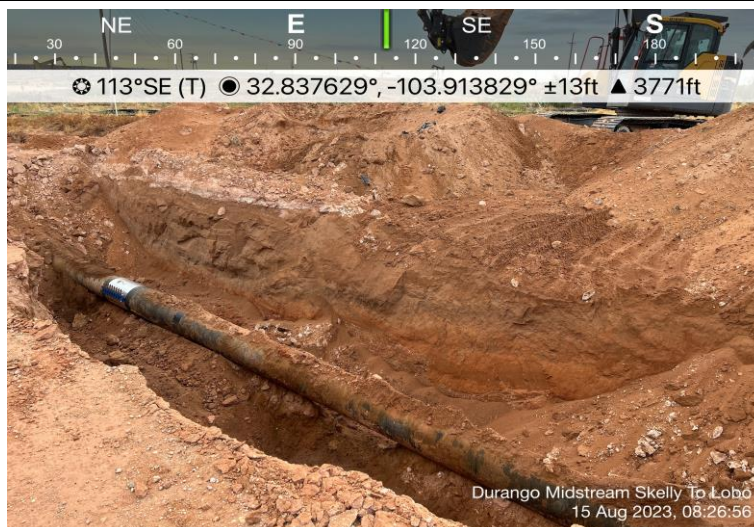
Photograph No. 1

Facility: Skelly to Lobo Inlet 18" Steel Line

County: Eddy County, New Mexico

Description:

View East, Area of CS-1 through CS-9.



Photograph No. 2

Facility: Skelly to Lobo Inlet 18" Steel Line

County: Eddy County, New Mexico

Description:

View East, Area of CS-10 and CS-11.



Photograph No. 3

Facility: Skelly to Lobo Inlet 18" Steel Line

County: Eddy County, New Mexico

Description:

View East, Area of CS-12 through CS-18.



PHOTOGRAPHIC LOG**Durango Midstream****Photograph No. 4****Facility:** Skelly to Lobo Inlet 18" Steel Line**County:** Eddy County, New Mexico**Description:**

View Northeast, Area of CS-19 through CS-20.

**Photograph No. 5****Facility:** Skelly to Lobo Inlet 18" Steel Line**County:** Eddy County, New Mexico**Description:**

View North, Area of CS-21 through CS-23.

**Photograph No. 6****Facility:** Skelly to Lobo Inlet 18" Steel Line**County:** Eddy County, New Mexico**Description:**

View Northwest, area of CS-24 through CS-30.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2320236514
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Frontier Field Services	OGRID	221115
Contact Name	Lupe Carrasco	Contact Telephone	575-725-0787
Contact email	gcarrasco@durangomidstream.com	Incident # (assigned by OCD)	nAPP2320236514
Contact mailing address	47 Conoco Rd. Maljamar, NM 88264		

Location of Release Source

Latitude 32.837604 Longitude -103.913854
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Skelly to Lobo Inlet 18" Steel Line	Site Type	Pipeline
Date Release Discovered	7/19/23	API# (if applicable)	

Unit Letter	Section	Township	Range	County
E	18	17S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 10	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 14.84	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Interior and Exterior line deterioration on bottom side of pipe.

Incident ID	nAPP2320236514
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Lupe Carrasco</u>	Title: <u>Sr. Environmental Specialist</u>
Signature: <u><i>Lupe Carrasco</i></u>	Date: <u>7/21/23</u>
email: <u>gcarrasco@durangomidstream.com</u>	Telephone: <u>575-725-0787</u>
<u>OCD Only</u> Received by: <u>Shelly Wells</u> Date: <u>7/21/2023</u>	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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 243124

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 243124
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/21/2023

Incident ID	
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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input 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 ½-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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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: _____ Title: _____

Signature: Lupe Carrasco Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 10/11/2023

Incident ID	
District RP	
Facility ID	
Application ID	

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: _____ Title: _____

Signature: Lupe Carrasco Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 10/11/2023

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: _____

Printed Name: _____ Title: _____

From: Taylor, Shelly J <sjtaylor@blm.gov>
Sent: Friday, August 11, 2023 3:11:46 PM
To: Guadalupe Carrasco <gcarrasco@durangomidstream.com>
Cc: Clint Merritt <MerrittC@carmonaresources.com>
Subject: Re: [EXTERNAL] RE: Arch Clearance -Skelly to Lobo nAPP2320236514

You are cleared to proceed.

Sincerely,

Shelly J Taylor

Environmental Protection Specialist

Realty - Compliance

Bureau of Land Management/Carlsbad Field Office

620 E. Greene St

Carlsbad, NM 88220

Direct 575.234.5706

Mobile 575.499.6831

sjtaylor@blm.gov

Spill/Release email: BLM_NM_CFO_REALTY_SPILL@BLM.GOV

PLEASE NOTE: I have a new email address: sjtaylor@blm.gov



From: Taylor, Shelly J <sjtaylor@blm.gov>
Sent: Thursday, August 3, 2023 2:27 PM

To: Guadalupe Carrasco <gcarrasco@durangomidstream.com>
Cc: Clint Merritt <MerrittC@carmonaresources.com>
Subject: Re: [EXTERNAL] RE: Arch Clearance -Skelly to Lobo nAPP2320236514

This site will require an arch survey. I have also forwarded this to our botanist. It is on a site where it states a botanist review is required.

Sincerely,

Shelly J Taylor

Environmental Protection Specialist
Realty - Compliance
Bureau of Land Management/Carlsbad Field Office
620 E. Greene St
Carlsbad, NM 88220
Direct 575.234.5706
Mobile 575.499.6831
sjtaylor@blm.gov

Spill/Release email: BLM_NM_CFO_REALTY_SPILL@BLM.GOV

PLEASE NOTE: I have a new email address: sjtaylor@blm.gov



From: Guadalupe Carrasco <gcarrasco@durangomidstream.com>
Sent: Thursday, August 3, 2023 9:50 AM
To: Taylor, Shelly J <sjtaylor@blm.gov>

Cc: Clint Merritt <MerrittC@carmonaresources.com>

Subject: [EXTERNAL] RE: Arch Clearance -Skelly to Lobo nAPP2320236514

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Shelly

On 7/19/23 Durango Midstream experienced a release on our ROW at approximately **32.837604,-103.913854**. The release consisted of 14.84 mcf and 10 bbls of liquid. The release area followed a small path downhill to the northeast. Please advise if an arc survey will be required prior to any remediation activities. I have attached a KMZ of the area in question. Please contact me with any questions or concerns.

Thanks!

Lupe Carrasco

Sr. Environmental Specialist

(575)725-0787

gcarrasco@durangomidstream.com



288 W. Kincaid Ranch Rd.

Artesia N.M. 88210

From: Clint Merritt <MerrittC@carmonaresources.com>

Sent: Wednesday, August 2, 2023 3:25 PM

To: Guadalupe Carrasco <gcarrasco@durangomidstream.com>

Subject: KMZ 10" Main Line Seg 2/Williams B Fed #3

Lupe,

As discussed are the two kmz's for 10" Main Line and Williams B Fed #3. Let me know if you need anything else.

Thank you sir!

Clinton Merritt
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-9044
MerrittC@carmonaresources.com

CARMONA RESOURCES



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, August 14, 2023 5:55:44 PM
To: Clint Merritt <MerrittC@carmonaresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Re: 48 Hour Sampling Notification Skelly to Lobo Inlet 18" Steel Line

Hi Clint,

Correction noted. The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 |Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Clint Merritt <MerrittC@carmonaresources.com>
Sent: Monday, August 14, 2023 3:51 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>; Guadalupe Carrasco <gcarrasco@durangomidstream.com>
Subject: [EXTERNAL] Re: 48 Hour Sampling Notification Skelly to Lobo Inlet 18" Steel Line

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Correction. We will collect 200 square feet composite samples.

Please let me know if you have any questions .

Get [Outlook for iOS](#)

From: Clint Merritt
Sent: Monday, August 14, 2023 3:47:56 PM
To: NMOCSD Spill Notifications (OCD.Enviro@emnrd.nm.gov) <OCD.Enviro@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>; Guadalupe Carrasco <gcarrasco@durangomidstream.com>
Subject: 48 Hour Sampling Notification Skelly to Lobo Inlet 18" Steel Line

Good Morning,

On behalf of Durango Midstream, Carmona Resources will collect 500 sq ft composite confirmation samples at the below-referenced site on Thursday, 8/17/2023, around 8:00 AM. Mountain Time. Please let me know if you have any questions.

Skelly to Lobo Inlet 18" Steel Line
S18 T17S R31E Unit E
32.837604, -103.913854
Eddy County, New Mexico
Incident ID: NAPP2320236514

Clinton Merritt
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-9044
MerrittC@carmonaresources.com

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES

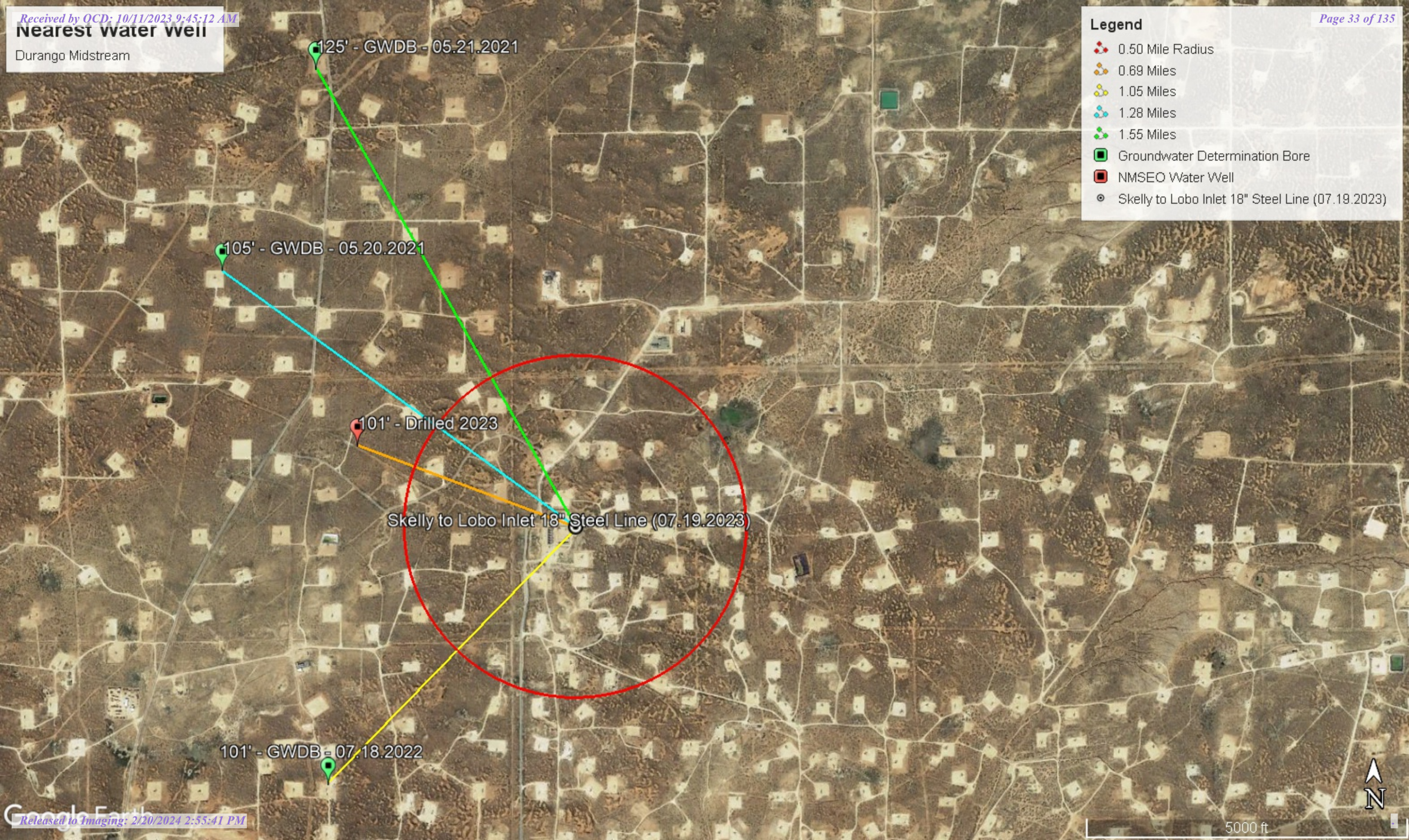


Nearest water well

Durango Midstream

Legend

- 0.50 Mile Radius
- 0.69 Miles
- 1.05 Miles
- 1.28 Miles
- 1.55 Miles
- Groundwater Determination Bore
- NMSEO Water Well
- Skelly to Lobo Inlet 18" Steel Line (07.19.2023)



Low Karst

Durango Midstream

Legend

- Low
- Skelly to Lobo Inlet 18" Steel Line (07.19.2023)

Skelly to Lobo Inlet 18" Steel Line (07.19.2023)



4000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 13289 POD1	RA	ED		1	1	2	13	17S	30E	600611	3634171	1102	101		
RA 13213 POD1	RA	CH		2	2	1	24	17S	30E	600489	3632575	1692	101		
RA 13288 POD1	RA	ED		2	3	4	14	17S	30E	599169	3632911	2637	101		
RA 13212 POD1	RA	CH		1	3	4	11	17S	30E	598984	3634474	2749			
RA 13106 POD2	RA	ED		4	2	3	01	17S	30E	600406	3636426	2901			
RA 13106 POD3	RA	ED		4	2	3	01	17S	30E	600381	3636421	2907			
RA 13235 POD1	RA	ED		1	1	1	21	17S	31E	604631	3632537	3238	102		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 7

UTM NAD83 Radius Search (in meters):

Easting (X): 601651

Northing (Y): 3633806

Radius: 4000

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.

8/2/23 3:26 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

File No. **RA-13289****NEW MEXICO OFFICE OF THE STATE ENGINEER****WR-07 APPLICATION FOR PERMIT TO DRILL****A WELL WITH NO WATER RIGHT**

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well*(Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Groundwater Determination
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

<input type="checkbox"/> Temporary Request - Requested Start Date:	Requested End Date:
--	---------------------

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

OSE DIT FEB 21 2023 AM 9:07

1. APPLICANT(S)

Name: Burnett Oil Co.	Name:
Contact or Agent: <input type="checkbox"/> check here if Agent BRYAN BURNS	Contact or Agent: <input type="checkbox"/> check here if Agent
Mailing Address: 87 Square Lake Rd.	Mailing Address:
City: Loco Hills	City:
State: <input type="checkbox"/> Zip Code: <input type="checkbox"/> New Mexico 88255	State: <input type="checkbox"/> Zip Code: <input type="checkbox"/>
Phone: (817) 332-5108 <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): wburns@burnettoil.com	E-mail (optional):

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 07/12/22

File No. RA-13289-PD	Tm. No.: 743835	Receipt No.: 2-45489
Trans Description (optional):		
Sub-Basin: RA	PCW/LOG Due Date: 03-02-2024	

Page 1 of 3

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.			
<input type="checkbox"/> NM State Plane (NAD83) (Feet) <input type="checkbox"/> NM West Zone <input type="checkbox"/> NM East Zone <input type="checkbox"/> NM Central Zone		<input type="checkbox"/> UTM (NAD83) (Meters) <input type="checkbox"/> Zone 12N <input type="checkbox"/> Zone 13N	
<input checked="" type="checkbox"/> Lat/Long (WGS84) (to the nearest 1/10 th of second)			
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
RA-13281-POD1(TW-1)	103°55'29.74"	32°50'27.56"	NW NW NE Sec.13 T17S R30E NMPM
OSE 011 FEB 21 2023 AM 9:07			
NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Other description relating well to common landmarks, streets, or other:			
Jackson A 53			
Well is on land owned by: BUREAU OF LAND MANAGEMENT			
Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Approximate depth of well (feet): 101		Outside diameter of well casing (inches): 6.5" boring	
Driller Name: Jackie D. Atkins		Driller License Number: 1249	

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

A Soil Boring to determine depth up to 101 feet. Temporary PVC well material will be placed to total depth and secured at surface. Temporary well will be in place for minimum of 72 hours. If ground water is encountered the boring will be plugged immediately using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged using hydrated bentonite.

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: RA-13284-POD1 TW-1

Trn No.: 743835

Page 2 of 3

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<p>Exploratory: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of the requested pump test if applicable.</p>	<p>Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.</p>	<p>Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.</p> <p>Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.</p>	<p>Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.</p>
---	---	--	---

ACKNOWLEDGEMENT

I, We (name of applicant(s)), BRYAN BURNS

Print Name(s)

OSE DTI FEB 21 2023 11:07

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Bryan Burns

Bryan Burns (Feb 20, 2023 12:08 MST)

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 2nd day of March 20 23, for the State Engineer,

Mike Hamman, P.E., State Engineer

By: K. Parekh
Signature

Keshavs Parekh
Print

Title: Water Resource Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: RA-13284-P001

Trn No.: 743835

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 13289 POD1

File Number: RA 13289

Trn Number: 743835

page: 1

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: RA 13289 POD1

File Number: RA 13289

Trn Number: 743835

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion RA 13289 POD1 must be completed and the
Well Log filed on or before 03/01/2024.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 03/02/2023	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 02 day of Mar A.D., 2023

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: RA 13289 POD1

File Number: RA 13289

Trn Number: 743835

page: 3



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMLC029339A

February 19, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Jackson A 53
30-015-43532
Section 13, T17S-R30E
Eddy County, New Mexico

All:

The above well location and the immediate area was impacted from a recent spill event. In order to fully delineate the impacted site, advanced soil boring will need to take place at approximately 105 feet below ground surface via a truck-mounted rig with hollow stem auger equipment. The boring will be secured and left open for 72 hours at which time Burnett Oil Co Inc will assess for the presence or absence of groundwater. The Bureau of Land Management (landowner) authorizes the access of the pad to accomplish the full delineation of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

OSE DIT FEB 21 2023 09:07



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

February 20, 2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Application to Drill a Well with No Water Right for Groundwater Determination

To whom it may concern:

Atkins Engineering Associates, Inc. (AEA) has been contracted to install one (1) Soil boring/temporary monitoring well at 32.840988 -103.924928 at Jackson A 53 in Eddy County, NM.

Please find, in triplicate, an *Application to Drill a Well with No Water Right and Plugging Plan of Operation*

A check is attached for \$5.00 to process the application.

If you, have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

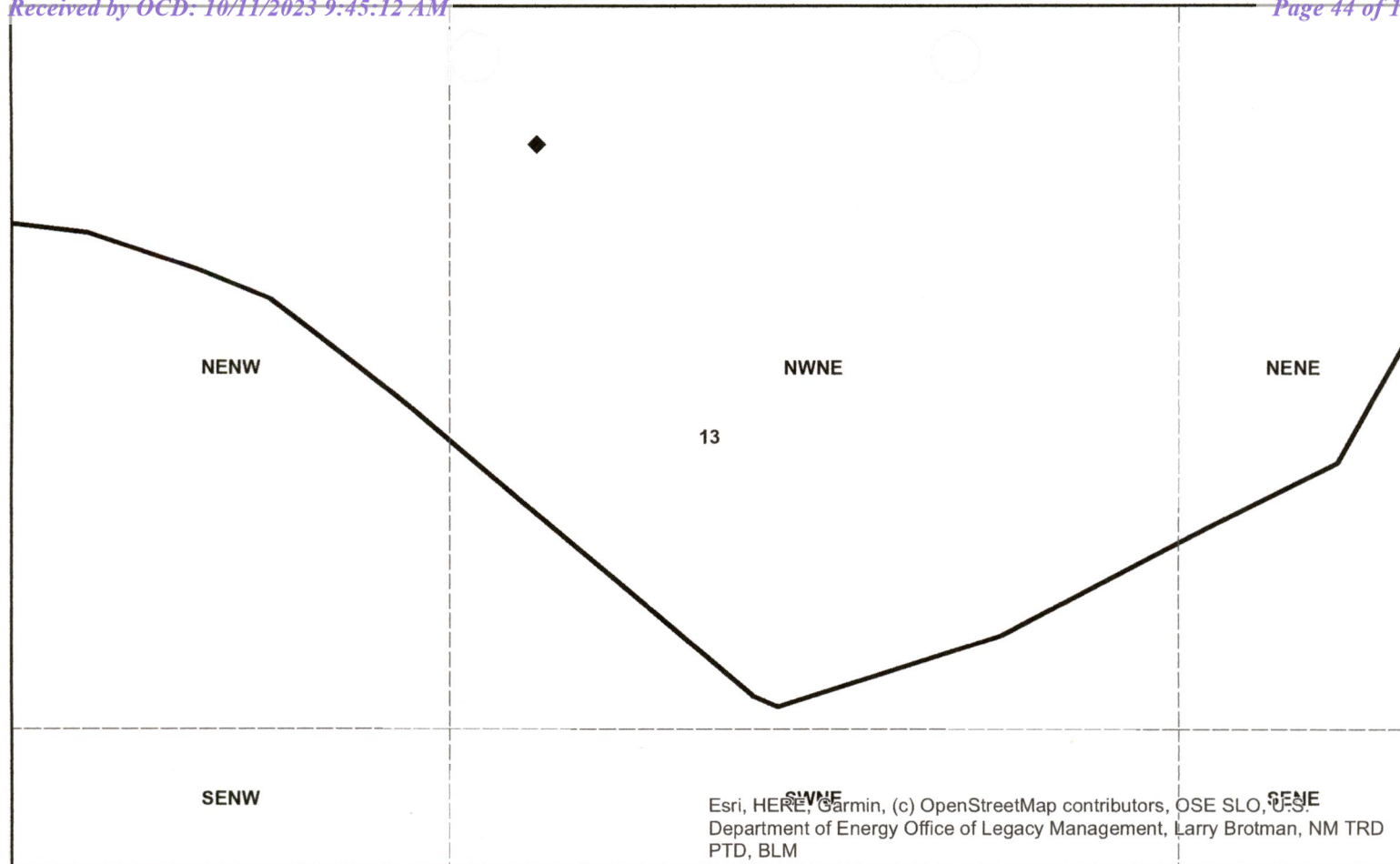
Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

OSE DII FEB 21 2023 AM 9:05

Lucas Middleton
lucas@atkinseng.com

Enclosures: As noted above.

**Coordinates****UTM - NAD 83 (m) - Zone 13**

Easting 600611.849

Northing 3634170.516

State Plane - NAD 83 (f) - Zone E

Easting 666772.466

Northing 669925.307

Degrees Minutes Seconds

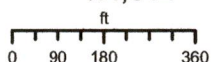
Latitude 32 : 50 : 27.560000

Longitude -103 : 55 : 29.740000

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:4,514



N



MA

3/2/2023



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately interpret the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, development methodology, interpretation of source data, and other circumstances. These maps are distributed "as is" without warranty of any kind.

Spatial Information**County:** Eddy**Groundwater Basin:** Roswell**Abstract Area:** Roswell Artesian**Land Grant:** Not in Land Grant**Restrictions:**

NA

PLSS Description**NNWNWNE Qtr of Sec 13 of 017S 030E**

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information**UPC/DocNum:** 4180099264264**Parcel Owner:** Bureau Of Land**Address:** null null null

Legal: Quarter: Ne S: 13 T: 17S R: 30E Quarter: Nw S: 13 T: 17S R: 30E Quarter: Sw S: 13 T: 17S R: 30E Quarter: Se S: 13 T: 17S R: 30E All Map# 98-13 Loc Artesia Exempt

POD Information**Owner:** BURNETT OIL**File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:** BORING

- ◆ Coord Search Location
- Sections
- OSE District Boundary
- BLM Land Grant
- Chaves County Parcels 2022
- PLSSTownship
- PLSSFirstDiv...
- SiteBoundaries
- PLSSSecond...

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 743835
File Nbr: RA 13289

Mar. 02, 2023

BRYAN BURNS
BURNETT OIL CCO
87 SQUARE LAKE RD
LOCO HILLS, NM 88255

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

Enclosure

explore



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

USE OF A.G. 8 2022 #10112

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO. n/a		OSE FILE NO(S). RA-13213			
	WELL OWNER NAME(S) Burnett Oil Co., Inc				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 87 Square Lake Rd., Loco Hills, NM				CITY Loco Hills	STATE NM	ZIP 88255	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 49	SECONDS 35.80 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NE NW Sec, 24 T17S R20E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 7/18/2022	DRILLING ENDED 7/18/2022	DEPTH OF COMPLETED WELL (FT) n/a	BORE HOLE DEPTH (FT) 101	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 7/18/2022, 8/2/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 101		±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
	0	9	9	Sand, medium/fine-grained, poorly graded, Reddish Brown	Y ✓ N		
	9	59	50	Sand, fine-grained, poorly graded, Tan	Y ✓ N		
	59	70	11	Sand, fine-grained, poorly graded, Reddish Brown	Y ✓ N		
	70	80	10	Sand, Fine-grained, poorly graded, with gravel (0.25") Brown	Y ✓ N		
	80	101	21	Sandy Clay, Stiff, low plasticity, Brown	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm): 0.00		
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
		MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. <div style="text-align: right; color: blue;">GSE ON AUG 8 2022 #40113</div>					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> Jackie D. Atkins </div> <div style="text-align: right;"> 8/4/2022 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>_____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div> <div>_____ DATE</div> </div>						



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13213 POD 1

Well owner: Burnett Oil Co., Inc

Phone No.: 575-706-5999

Mailing address: 87 Square Lake Rd.

City: Loco Hills

State: NM

Zip code: 88255

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Cameron Pruitt

4) Date well plugging began: 8/2/2022 Date well plugging concluded: 8/2/2022

5) GPS Well Location: Latitude: 32 deg, 49 min, 35.80 sec
Longitude: 103 deg, 55 min, 35.05 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),
by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 7/11/2022

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

BSE DT AUG 8 2022 10:13

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 15 gallons	17 gallons	Augers	
10'-101'	Drill Cuttings	Approx. 174 gallons	174 gallons	Boring	

USE OF AUG 8 2022 #10112

MULTIPLY	BY	AND OBTAIN
cubic feet x 7.4805	=	gallons
cubic yards x 201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

8/4/2022

Date






RA-1321_WR-20 Well Record and Log_-forsign

Final Audit Report

2022-08-04

Created:	2022-08-04
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAXRNqU49voO0SW-zl_svRH-0eSoUURNmf

"RA-1321_WR-20 Well Record and Log_-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2022-08-04 - 9:54:17 PM GMT- IP address: 64.17.71.25
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2022-08-04 - 9:54:45 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2022-08-04 - 9:55:03 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-08-04 - 9:55:33 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2022-08-04 - 9:55:33 PM GMT

QSE DJT AUG 6 2022 AM 10:13



Adobe Acrobat Sign



BORING LOG

Project No.: 700438.240.01

Weather: Clear, Temp.: 80°F

Driller: D. Londagin

Site Name: Gissler B #59

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/20/2021

Latitude: 32.848420 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -103.931751 W

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	<input type="checkbox"/>	0-20'				Red/Brown fine Sand (SP)	None Slight Mod. Strong	
	<input type="checkbox"/>	20-30'				Light red/tan fine Sand (SP) and caliche	None Slight Mod. Strong	
	<input type="checkbox"/>	30-105'				Red/brown fine Sand (SP)	None Slight Mod. Strong	
	<input type="checkbox"/>					__ TD 105' __	None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	

Surface Elevation: _____

Notes: Groundwater Not Encountered at 105-feet BGS-72 hr.

Logger Initials: DJA



BORING LOG

Project No.: 700438.238.01

Weather: Clear, Temp.: 75°F

Driller: D. Londagin

Site Name: Jackson B #59

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/18/2021

Latitude: 32.85697 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -103.92703 W

Sample Retrieval Method: Drill Cuttings

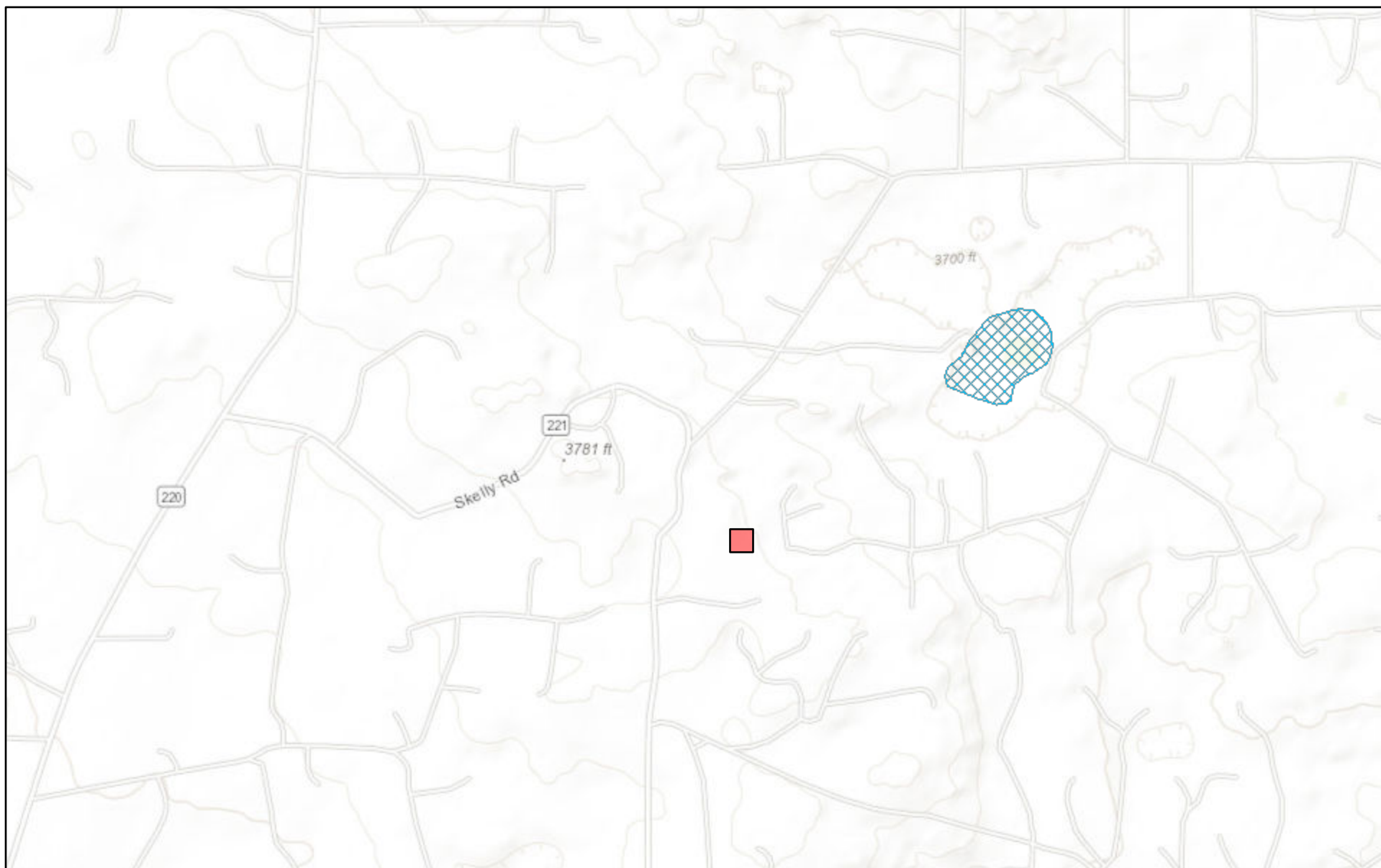
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	<input type="checkbox"/>	0-30'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	30-40'				Red/brown fine Sand (SP) with varying amounts of silt and caliche	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	40-80'				Dry, dark red/brown sandy Silts (SM)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	80-125'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>					__ TD 125' __	None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	

Surface Elevation: _____

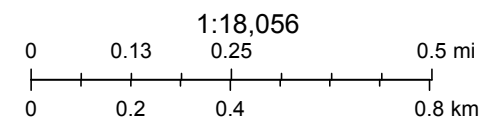
Notes: Groundwater Not Encountered @ 125' BGS – 72 hr.

Logger Initials: DJA

New Mexico NFHL Data



August 2, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

APPENDIX E

CARMONA RESOURCES





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

August 23, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: SKELLY TO LOBO INLET 18" STEEL LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/21/23 8:25.

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.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 1 (10') (H234521-01)

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	08/21/2023	ND	1.87	93.5	2.00	3.38		
Toluene*	<0.050	0.050	08/21/2023	ND	1.87	93.3	2.00	2.06		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	1.97	98.7	2.00	1.86		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	5.88	98.0	6.00	1.59		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	80.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 2 (10') (H234521-02)

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	08/21/2023	ND	1.87	93.5	2.00	3.38		
Toluene*	<0.050	0.050	08/21/2023	ND	1.87	93.3	2.00	2.06		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	1.97	98.7	2.00	1.86		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	5.88	98.0	6.00	1.59		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	80.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 3 (10') (H234521-03)

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	08/21/2023	ND	1.87	93.5	2.00	3.38		
Toluene*	<0.050	0.050	08/21/2023	ND	1.87	93.3	2.00	2.06		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	1.97	98.7	2.00	1.86		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	5.88	98.0	6.00	1.59		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	96.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 4 (10') (H234521-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	80.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 5 (10') (H234521-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	80.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 6 (10') (H234521-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	80.0	16.0	08/21/2023	ND	416	104	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	08/21/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 7 (10') (H234521-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 8 (10') (H234521-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 9 (10') (H234521-09)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	64.0	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 10 (1.5') (H234521-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	144	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	22.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 11 (1.5') (H234521-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	64.0	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 12 (0.5') (H234521-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	128	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	12.4	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 13 (0.5') (H234521-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	144	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	65.4	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 14 (0.5') (H234521-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	16.0	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 15 (0.5') (H234521-15)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 16 (0.5') (H234521-16)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	112	16.0	08/21/2023	ND	416	104	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	42.1	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 17 (0.5') (H234521-17)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	80.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 18 (0.5') (H234521-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	128	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 19 (1.5') (H234521-19)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368	
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	
Chloride	208	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	168	83.8	200	7.09	
DRO >C10-C28*	38.3	10.0	08/22/2023	ND	155	77.5	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 20 (1.5') (H234521-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	80.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 21 (1.5') (H234521-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 22 (1.5') (H234521-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/21/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.14	102	6.00	1.48		
Total BTEX	<0.300	0.300	08/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	16.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 23 (1.5') (H234521-23)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	2.04	102	2.00	0.368		
Toluene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	1.33		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.488		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.14	102	6.00	1.48		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 24 (1.5') (H234521-24)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	96.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	41.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 25 (1.5') (H234521-25)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	62.3	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	11.3	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 26 (1.5') (H234521-26)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 27 (1.5') (H234521-27)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	16.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 28 (1.5') (H234521-28)

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	08/22/2023	ND	1.88	93.8	2.00	1.05	
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	40.9	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 29 (1.5') (H234521-29)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	32.0	16.0	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: CS - 30 (1.5') (H234521-30)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/21/2023	ND	432	108	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	08/21/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 1 (10') (H234521-31)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	64.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 2 (10') (H234521-32)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	96.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 3 (10') (H234521-33)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	64.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 4 (10') (H234521-34)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 5 (10') (H234521-35)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 6 (10') (H234521-36)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	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	96.0	16.0	08/21/2023	ND	432	108	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 7 (10') (H234521-37)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	96.0	16.0	08/22/2023	ND	400	100	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 8 (10') (H234521-38)

BTX 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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	112	16.0	08/22/2023	ND	400	100	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 9 (10') (H234521-39)

BTX 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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	128	16.0	08/22/2023	ND	400	100	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	08/22/2023	ND	177	88.6	200	6.36	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	175	87.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 10 (10') (H234521-40)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	96.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	163	81.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	149	74.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 11 (10') (H234521-41)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	128	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	163	81.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	149	74.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 12 (1.5') (H234521-42)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/22/2023	ND	400	100	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	08/21/2023	ND	163	81.7	200	6.30	
DRO >C10-C28*	32.9	10.0	08/21/2023	ND	149	74.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 13 (1.5') (H234521-43)

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	08/22/2023	ND	1.88	93.8	2.00	1.05		
Toluene*	<0.050	0.050	08/22/2023	ND	1.84	92.1	2.00	1.58		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.95	97.3	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.78	96.4	6.00	1.30		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	64.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	163	81.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	149	74.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 14 (1.5') (H234521-44)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	128	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	163	81.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	149	74.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 15 (0.5') (H234521-45)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	96.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	172	86.0	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	177	88.6	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 16 (0.5') (H234521-46)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/22/2023	ND	400	100	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	08/21/2023	ND	172	86.0	200	2.27	
DRO >C10-C28*	23.7	10.0	08/21/2023	ND	177	88.6	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 17 (0.5') (H234521-47)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	64.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	172	86.0	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	177	88.6	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 18 (1.5') (H234521-48)

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	08/22/2023	ND	1.89	94.5	2.00	1.43	
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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	80.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	172	86.0	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	177	88.6	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 19 (0.5') (H234521-49)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	172	86.0	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	177	88.6	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 08/21/2023
Reported: 08/23/2023
Project Name: SKELLY TO LOBO INLET 18" STEEL LINE
Project Number: 2111
Project Location: DURANGO - EDDY COUNTY, NEW MEXIC

Sampling Date: 08/17/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (1.5') (H234521-50)

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	08/22/2023	ND	1.89	94.5	2.00	1.43	
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	96.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	175	87.7	200	3.75	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	183	91.7	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 21 (1.5') (H234521-51)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	08/22/2023	ND	400	100	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	08/21/2023	ND	175	87.7	200	3.75	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	183	91.7	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 22 (1.5') (H234521-52)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	175	87.7	200	3.75	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	183	91.7	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 23 (1.5') (H234521-53)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	08/22/2023	ND	400	100	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	08/21/2023	ND	175	87.7	200	3.75	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	183	91.7	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 24 (1.5') (H234521-54)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	32.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	175	87.7	200	3.75	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	183	91.7	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 25 (1.5') (H234521-55)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	08/22/2023	ND	400	100	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 26 (1.5') (H234521-56)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	08/22/2023	ND	400	100	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 27 (1.5') (H234521-57)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	16.0	16.0	08/22/2023	ND	448	112	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 28 (1.5') (H234521-58)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	128	16.0	08/22/2023	ND	448	112	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	31.8	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 29 (1.5') (H234521-59)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	
Chloride	<16.0	16.0	08/22/2023	ND	448	112	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 30 (1.5') (H234521-60)

BTX 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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	08/22/2023	ND	448	112	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	08/21/2023	ND	159	79.7	200	6.41	
DRO >C10-C28*	66.2	10.0	08/21/2023	ND	176	88.1	200	5.92	
EXT DRO >C28-C36	16.4	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 31 (1.5') (H234521-61)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	08/22/2023	ND	448	112	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	08/21/2023	ND	177	88.4	200	4.42	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	199	99.5	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	SKELLY TO LOBO INLET 18" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	2111	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

Sample ID: SW - 32 (1.5') (H234521-62)

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	08/22/2023	ND	1.89	94.5	2.00	1.43		
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	08/22/2023	ND	448	112	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	08/21/2023	ND	177	88.4	200	4.42	
DRO >C10-C28*	14.5	10.0	08/21/2023	ND	199	99.5	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 08/21/2023
Reported: 08/23/2023
Project Name: SKELLY TO LOBO INLET 18" STEEL LINE
Project Number: 2111
Project Location: DURANGO - EDDY COUNTY, NEW MEXIC

Sampling Date: 08/17/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (1.5') (H234521-63)

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	08/22/2023	ND	1.89	94.5	2.00	1.43	
Toluene*	<0.050	0.050	08/22/2023	ND	2.23	111	2.00	2.00	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.32	116	2.00	2.98	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.99	117	6.00	3.74	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	128	16.0	08/22/2023	ND	448	112	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	08/21/2023	ND	177	88.4	200	4.42	
DRO >C10-C28*	44.7	10.0	08/21/2023	ND	199	99.5	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: A234521


Page 1 of 7

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmoma Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	gcarrasco@durangomidstream.com

Work Order Comments									
Program:	UST/PST	<input type="checkbox"/> RP	<input type="checkbox"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> \$	<input type="checkbox"/> perfund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State of Project:									
Reporting Level II	<input type="checkbox"/> level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> level IV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:				

Project Name:		Skelly to Lobo Inlet 18" Steel Line		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2111	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O		
Project Location	Eddy County, New Mexico			Due Date:	48 Hrs												Cool: Cool	MeOH: Me		
Sampler's Name:	CCM																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Parameters												H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:	140			BTEx 8021B												NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:	---			TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	4.5 ^o C			Chloride 4500												Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	---														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-2 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-3 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-4 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-5 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-6 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-7 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-8 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-9 (10')		8/17/2023		X		Comp	1	X	X	X										
CS-10 (1.5')		8/17/2023		X		Comp	1	X	X	X										

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-21-23 08:15		

Chain of Custody

Work Order No: A234521


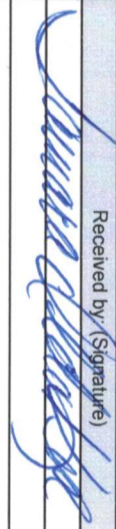
Page 2 of 7

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	gcarrasco@durangomidstream.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Skelly to Lobo Inlet 18" Steel Line		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:		2111		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO	DI Water: H ₂ O
Project Location:		Eddy County, New Mexico		Due Date:		48 Hrs														Cool: Cool	MeOH: Me
Sampler's Name:		CCM																		HCL: HC	HNO ₃ : HN
PO #:																				H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:		4.5°C														Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp.	# of Cont													Sample Comments	
CS-11 (1.5)		8/17/2023		X		Comp	1	X	X	X											
CS-12 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-13 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-14 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-15 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-16 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-17 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-18 (0.5)		8/17/2023		X		Comp	1	X	X	X											
CS-19 (1.5)		8/17/2023		X		Comp	1	X	X	X											
CS-20 (1.5)		8/17/2023		X		Comp	1	X	X	X											

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-21-23 0825		

Chain of Custody

Work Order No: 4234521

Page 3 of 7

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	gcarrasco@durangomidstream.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Skelly to Lobo Inlet 18" Steel Line	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2111																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	48 Hrs														Cool: Cool	MeOH: Me	
Sampler's Name:	CCM																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters										H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		BTX 8021B										NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.5°C	Chloride 4500										Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC					

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments		
CS-21 (1.5')	8/17/2023		X		Comp	1	X	X	X										
CS-22 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-23 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-24 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-25 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-26 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-27 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-28 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-29 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									
CS-30 (1.5')	8/17/2023		X		Comp	1	X	X	X	X									

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-21-23 0825		

Chain of Custody

Work Order No: HA234321

Page 4 of 7[illegible]

Work Order No: 4234521

Work Order Comments									
Program:	UST/PT	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Superfund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State of Project:									
Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	ST/UST	<input type="checkbox"/>	RRP	<input type="checkbox"/>	Level IV	<input type="checkbox"/>
Deliverables:	EDD	<input type="checkbox"/>	Adapt	<input type="checkbox"/>	Other:				

ANALYSIS REQUEST								Preservative Codes	
Parameters	Pres. Code								
BTEX 8021B									None: NO
8015M (GRO + DRO + MRO)									DI Water: H ₂ O
Chloride 4500									Cool: Cool
									Mech: Me
									HCL: HC
									HNO ₃ : HN
									H ₂ SO ₄ : H ₂
									H ₃ PO ₄ : HP
									NaHSO ₄ : NABIS
									Na ₂ S ₂ O ₃ : NASO ₃
									Zn Acetate+NaOH: Zn
									NaOH+Ascorbic Acid: SAPC

[illegible]

Date/Time

Released to Imaging: 2/20/2024 2:55:41 PM

Chain of Custody

Work Order No: H234521

Page 6 of 7

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	gcarrasco@durangomidstream.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Skelly to Lobo Inlet 18" Steel Line	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2111	Due Date:	48 Hrs														None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me			
Sampler's Name:	CCM																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	45.2													Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
SW-21 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-22 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-23 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-24 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-25 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-26 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-27 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-28 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-29 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					
SW-30 (1.5')	8/17/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X					

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-21-23 0828		

Work Order No:

H234521


Page 7 of 7

Work Order Comments									
Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Superfund	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State of Project:									
Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	ST/UST	<input type="checkbox"/>	RRP	<input type="checkbox"/>	Level IV	<input type="checkbox"/>
Deliverables:	EDD	<input type="checkbox"/>	AdAPT	<input type="checkbox"/>	Other:				

Project Name:	Skelly to Lobo Inlet 18" Steel Line	Turn Around		ANALYSIS REQUEST										Preservative Codes				
Project Number:	2111	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Press. Code												None: NO	DI Water: H ₂ O	
Project Location	Eddy County, New Mexico	Due Date:	48 Hrs													Cool: Cool	MeOH: Me	
Sampler's Name:	CCM															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							140									NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Correction Factor:												Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Temperature Reading:			4.5°C									Zn Acetate+NaOH: Zn	
Total Containers:					Corrected Temperature:												NaOH+Ascorbic Acid: SAPC	

[illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

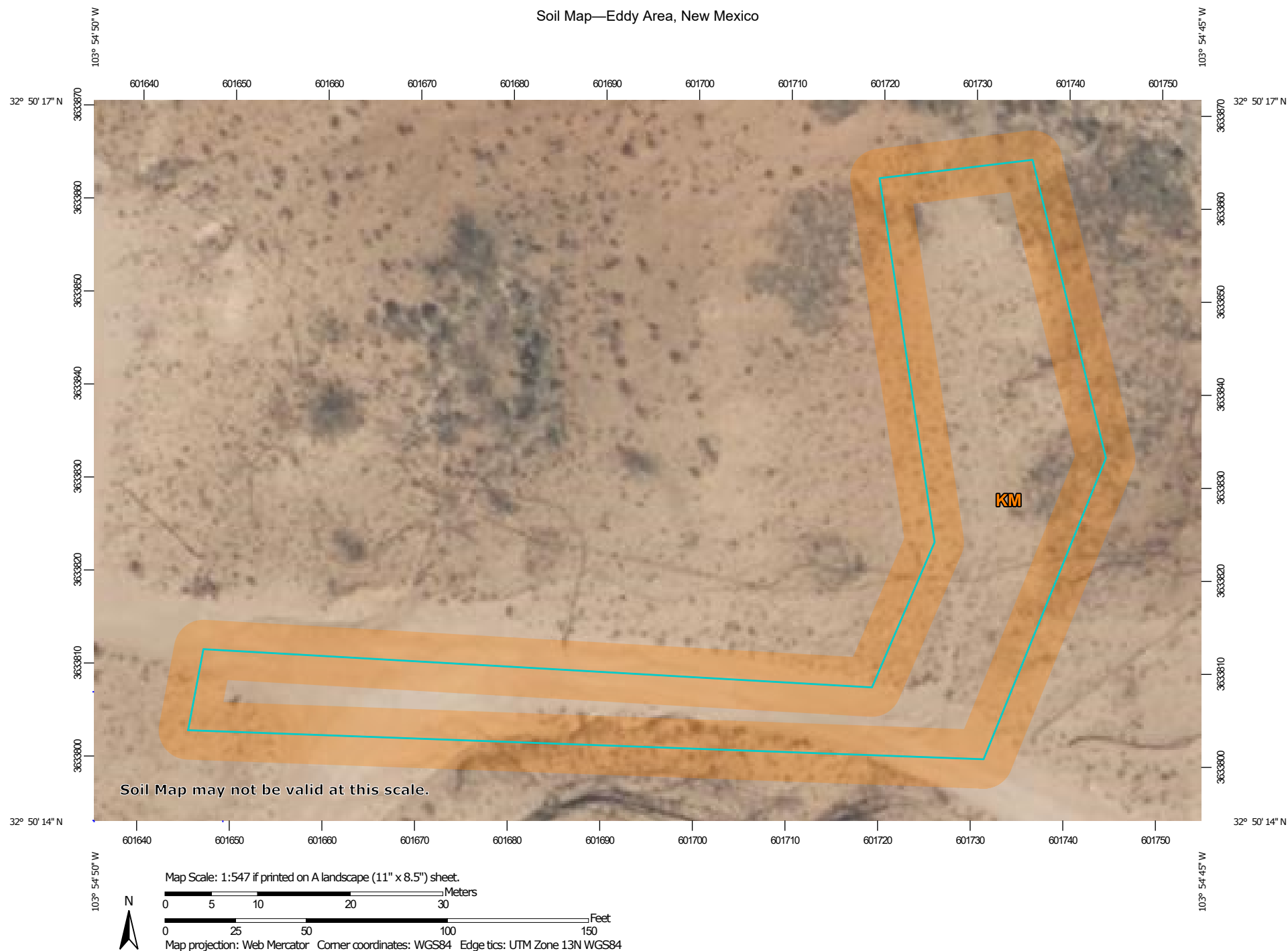
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-21-23 0825		

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

9/18/2023
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	0.4	100.0%
Totals for Area of Interest		0.4	100.0%

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

(27)

BLM Serial #:

Company Reference:

3.2 Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

*Durango
midstream*
Permit # TX00905**Durango Midstream BLM LPC Blend Broadcast Rate**

Lot/Sales # SO-79844

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem Big, "Kaw" (Andropogon gerardii)	24.65%	86.00%	5.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	11.93%	75.00%	19.00%	0.00%	TX
Bluestem, Sand "Chet" (Andropogon hallii)	19.27%	92.00%	5.00%	0.00%	TX
Bristlegrass Plains, (Setaria vulpiseta)	19.08%	24.00%	74.00%	0.00%	OK
Coreopsis, "Plains" (Coreopsis tinctoria)	7.70%	97.00%	0.00%	0.00%	OR
Dropseed, Sand (Sporobolus cryptandrus)	3.85%	2.00%	95.00%	0.00%	TX

Purity: 86.48%

Inert Matter: 10.24%

Other Crop Seed: 3.19%

Weed Seed: 0.02%

Noxious Weed Seed Per/Lb: None

Test Date: 08/2023

Net Wt: 13.7 lbs

*Lobo & Skelly 18"
line*

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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 274530

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 274530
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2320236514 SKELLY TO LOBO INLET 18" STEEL LINE, thank you. This Remediation Closure Report is approved. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc..., will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/20/2024