

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	nAPP2105740019
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Coleman Oil & Gas In.	OGRID 4838
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) nAPP2105740019
Contact mailing address P.O. Box 3337 Farmington, NM 87499	

### Location of Release Source

Latitude 36.5046387 \_\_\_\_\_ Longitude -107.6817245 \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Newsome B #014	Site Type Gas
Date Release Discovered: 8/20/2020	API# (if applicable) N/A 30-045-20131

Unit Letter	Section	Township	Range	County
H	09	26N	08W	San Juan

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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<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 type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

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Cause of Release: On August 20, 2020 Coleman Oil and Gas removed the fiberglass below grade tank on the Newsome B #014. When the BGT was removed it was noted the tank had lost integrity. Due to the sandy soil conditions the release was not previously noted as the hydrocarbons penetrated into the soil. 1 (5) point confirmation sample was collected where the BGT was removed. Once it was determined the release had occurred Coleman Oil and Gas immediately began remediation by excavation. Notice of analytical results were submitted to the NMOCD and Farmington BLM Office providing notice a release had occurred. A BLM representative was onsite during the BGT removal.

Benzene: 0.355 mg/kg  
Total BETEX: 125 mg/kg  
Gasoline Range 435 mg/kg  
Diesel Range Organics 13, 6000 mg/kg  
Oil Range Organics 2440 mg/kg  
Chlorides: 113 mg/kg

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? No
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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

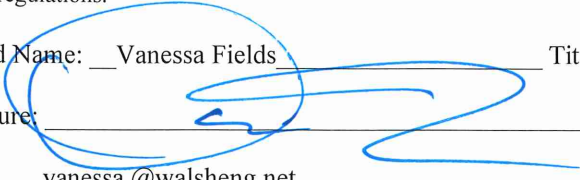
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, 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:

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2105740019
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Vanessa Fields Title: Agent/ Regulatory Compliance Manager

Signature:  Date: 2/2/2021

email: vanessa @walsheng.net Telephone: 505-787-9100

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2105740019
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Application ID	

## Site Assessment/Characterization

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

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

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

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

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

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan



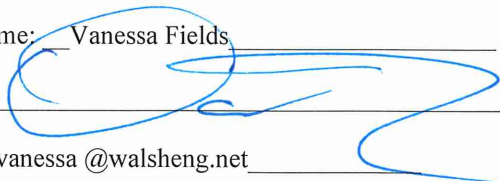
State of New Mexico  
Oil Conservation Division

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Application ID	

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.

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: Vanessa Fields Title: Agent/ Regulatory Compliance Manager

Signature:  Date: 2/2/2021

email: vanessa @walsheng.net Telephone: 505-787-9100

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2105740019
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Application ID	

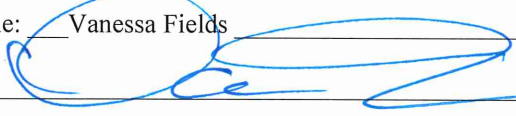
## Closure

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: Vanessa Fields Title: Agent/Regulatory Compliance Manager  
Signature:  Date: 2/2/2021  
email: vanessa@walsheng.net Telephone: 505-787-9100

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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: Nelson Velez Date: 05/09/2022  
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

# Newsome B #014

API# 30-045-20131

## Remediation Summary

On August 20, 2020 Coleman Oil and Gas removed the fiberglass below grade tank on the Newsome B #014. When the BGT was removed it was noted the tank had lost integrity. Due to the sandy soil conditions the release was not previously noted as the hydrocarbons penetrated into the soil. 1 (5) point confirmation sample was collected where the BGT was removed. Once it was determined the release had occurred Coleman Oil and Gas immediately began remediation by excavation. Notice of analytical results were submitted to the NMOCD and Farmington BLM Office providing notice a release had occurred. A BLM representative was onsite during the BGT removal. Coleman excavated the release area, and all impacted soil was transported to Envirotech Landfarm.

### INTAL BGT Analytical Results:

Benzene: 0.355 mg/kg

Total BETEX: 125 mg/kg

Gasoline Range 435 mg/kg

Diesel Range Organics 13,600 mg/kg

Oil Range Organics 2,400 mg/kg

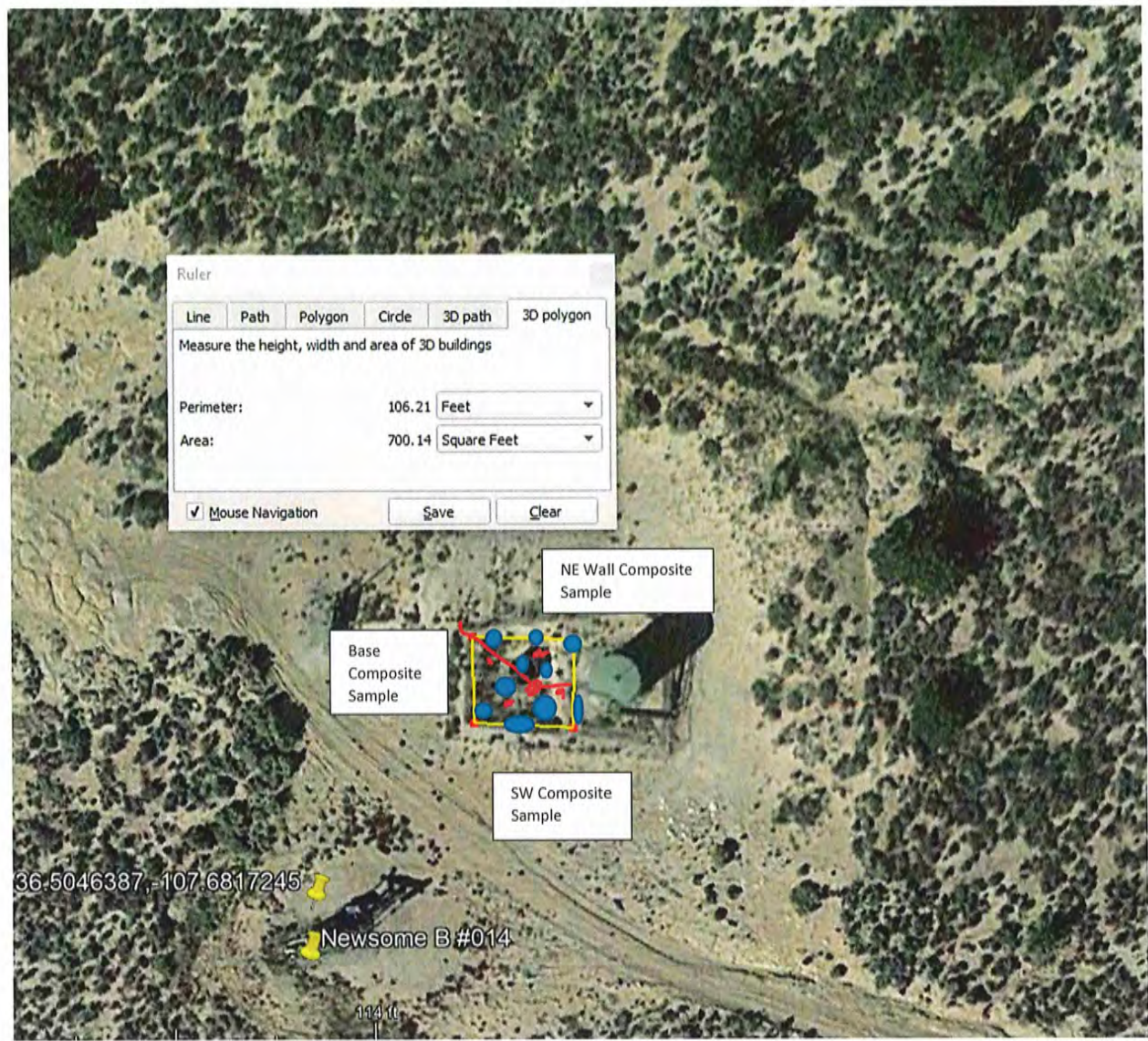
Chlorides: 113 mg/kg

An initial C-141 is attached for Closure of the C-144 demonstrating a historical release. The NMOCD and BLM were notified of the release and given incident #nAPP2105740019. Final Confirmation Sampling was conducted on November 5, 2020 (notification attached) the NMOCD representative was present for the sampling event. (3) 5 composite samples were collected each sampling area was 400sq feet quadrants with sampling area approval from the NMOCD. Sampling area was 700sq feet. (See map) All impacted soil was transported to Envirotech Landfarm. All analytical results returned below regulatory standards and the excavation area was backfilled to grade surface.

### Sampling Table

Sampling Date:	Sampling Area:	Benzene	BTEX	Gasoline Range Organics	Diesel Range Organics	Oil Range Organics	Chloride
11/5/2020	SW Wall Composite	Non-Detect	0.296 mg/kg	Non-Detect	597 mg/kg	288 mg/kg	57.0 mg/kg
11/5/2020	Base	Non-Detect	Non-Detect	Non-Detect	70.7 mg/kg	54.1 mg/kg	46.5 mg/kg
11/5/2020	NE Wall Composite	Non-Detect	Non-Detect	257 mg/kg	153 mg/kg	57.1 mg/kg	Non-Detect





**Table I**  
**Closure Criteria for Soils Impacted by a Release**

Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO-MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO-MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO-DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO-MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO-DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg





**Vanessa Fields**

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**From:** Vanessa Fields  
**Sent:** Tuesday, December 1, 2020 8:22 AM  
**To:** Smith, Cory, EMNRD; Adeloye, Abiodun A; Mike Hanson; Killins, Joe D  
**Cc:** Bruce Taylor  
**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Wednesday December 2, 2020 at 10:00 am weather pending SAMPLE RESUTS path forward

Yes Cory, the subject line was just the content of the email chain to ensure consistently when submitting the final C-141. The body of the email states the sampling of Wednesday December 2, 2020 at 10:00 am

**Vanessa Fields**

Regulatory Compliance Manager  
 Walsh Engineering /Epic Energy LLC.  
 O: 505-327-4892  
 C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>  
**Sent:** Tuesday, December 1, 2020 8:17 AM  
**To:** Vanessa Fields <vanessa@walsheng.net>; Adeloye, Abiodun A <aadeloye@blm.gov>; Mike Hanson <mhanson@cog-fmn.com>; Killins, Joe D <jkillins@blm.gov>  
**Cc:** Bruce Taylor <brucetaylor@cog-fmn.com>  
**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Vanessa

Realized I copied the Subject.. the Correct sampling date is Wednesday December 2, 2020 @ 10 AM.

**Cory Smith • Environmental Specialist**  
 Environmental Bureau  
 EMNRD - Oil Conservation Division  
 1000 Rio Brazos | Aztec, NM 87410  
 505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Tuesday, December 1, 2020 8:15 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>  
**Subject:** [EXT] RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Thank you Cory, will do.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Tuesday, December 1, 2020 8:07 AM

**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Adeloyle, Abiodun A <[aadeloyle@blm.gov](mailto:aadeloyle@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Vanessa,

Thank you for the notice, of sampling at the Hodges 15 & Newsome B #014 for Thursday October 29, 2020 9:30 am. If an OCD representative is not onsite at the proposed sampling time please sampler per your approved sampling plan or per 19.15.29 NMAC. IF the sampling date/time changes please contact OCD immediately to discuss the changes.

Thanks,

**Cory Smith • Environmental Specialist**

Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>

**Sent:** Monday, November 30, 2020 10:52 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloyle, Abiodun A <[aadeloyle@blm.gov](mailto:aadeloyle@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** [EXT] RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Good morning,

Walsh Engineering on behalf of Coleman Oil and Gas is providing 48 notification for confirmation sampling for the Hodges #015 North Base area, grab sample area and West Wall 1 on Wednesday December 2, 2020 at 10:00 am weather pending.

Thank you,



**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields

**Sent:** Tuesday, November 10, 2020 5:18 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Sorry Guys it's been a long day. Cory you are correct. The base is over at 220 for Deiseal Range with the standard combined must be at 1000 mg/kg. We will remediate the north base further.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields

**Sent:** Tuesday, November 10, 2020 5:08 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Hi Cory,

It could be a long day but are you seeing something else in the North sample?

DRO/ORO /GRO is 1,665 mg/kg with GRO being non-detect.

**North Base**  
**E010132-02**

Analyte	Result	Reporting Limit
<b>Volatile Organics by EPA 8021B</b>		
	mg/kg	mg/kg
Benzene	ND	0.0250
Toluene	0.0495	0.0250
Ethylbenzene	ND	0.0250
p,m-Xylene	0.359	0.0500
o-Xylene	0.162	0.0250
Total Xylenes	0.521	0.0250
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		
	mg/kg	mg/kg
Gasoline Range Organics (C6-C10)	ND	20.0
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		
	mg/kg	mg/kg
Diesel Range Organics (C10-C28)	1220	25.0
Oil Range Organics (C28-C35)	445	50.0
<i>Surrogate: n-Nonane</i>		127 %
<b>Anions by EPA 300.0/9056A</b>		
	mg/kg	mg/kg
Chloride	ND	20.0

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Tuesday, November 10, 2020 4:55 PM

**To:** Adeloje, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESULTS path forward

Vanessa,



Thank you for the update please note that Sample ID as North Base also failed the closure standards GRO +DRO must be less than 1,000 mg/kg and Total TPH (GRO +DRO +MRO) must be below 2,500 mg/Kg. OCD approves the backfill of all other areas that are below regulatory closure standards.

As discussed onsite OCD recommends that the operator schedule sampling events as soon as possible after the cessation of excavation while equipment is still onsite to allow the operator to efficiently and safely collect soil samples.

Cory Smith  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 115  
[cory.smith@state.nm.us](mailto:cory.smith@state.nm.us)

**From:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>  
**Sent:** Tuesday, November 10, 2020 11:56 AM  
**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>  
**Subject:** [EXT] Re: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Hi Vanessa, BLM approves the back fill all the areas that are below the regulatory standards as requested. The BLM approval does not relieved Coleman Oil and Gas Incorporated their responsibilities to other agencies. Looking forward for the next soil sample schedule for the failed portion/s  
Thank you

**Abiodun Adeloye (Emmanuel), NRS**  
Bureau of Land Management  
Farmington Field Office  
6251 College Blvd., Suite A  
Farmington, NM 87402  
Office Phone: 505-564-7665  
Cell Phone: 505-635-0984

---

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Tuesday, November 10, 2020 11:22 AM  
**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>  
**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am SAMPLE RESUTS path forward

Good morning,

Please find attached the analytical results from the sampling event that occurred on Thursday October 29, 2020 for the **Hodges #015** and the **Newsome B #014**.

Analytical results for the **Newsome B #014** were below the regulatory standards. With permission from the Regulatory Agencies Coleman Oil and Gas respectfully request to backfill the **Newsome B #014**.

All analytical results for the **Hodges #015** were below regulatory standards except for the center grab sample and the west wall #001 sample. Coleman Oil and Gas will further remediate the west wall area #001 and the area of the grab sample by digging and hauling to Envirotech.

Coleman Oil and Gas will backfill the excavation areas at the **Hodges #015** that are below the regulatory closure standards.

48 hour notice will be provided to both regulatory agencies prior to confirmation sampling on the West Wall Area #001 and within the parameter of the grab sample.

Please let me know if you have any questions and/or concerns.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields

**Sent:** Tuesday, October 27, 2020 10:09 AM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Thursday October 29, 2020 9:30 am

Good morning Everyone,

Walsh Engineering on behalf on Coleman Oil & Gas Co is providing 48 hour notice for the Hodges 15 & Newsome B #014 Sampling at 9:30 am on Thursday October 29, 2020.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields

**Sent:** Thursday, October 15, 2020 2:53 PM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Mike Hanson



<[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

Cc: Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

Subject: RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Your welcome Emanuel.

Have a good day.

**Vanessa Fields**

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Sent:** Thursday, October 15, 2020 2:33 PM

**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** Re: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Thank you Vanessa for the heads up.

Get [Outlook for iOS](#)

---

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>

**Sent:** Thursday, October 15, 2020 2:03:30 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Good afternoon Everyone,

The sampling event scheduled for the Hodges 15 & Newsome B #014 Sampling at 9:30 am on Friday October 16, 2020 is being cancelled at this time. 48 hour notice will be given to both regulatory agencies when confirmation sampling is scheduled.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields

**Sent:** Wednesday, October 14, 2020 3:28 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Thank you Cory.

I will be onsite for the sampling event. If you are unable to be onsite I will call and/or facetime with you for further discussion.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC,

O: 505-327-4892

C: 505-787-9100

[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Wednesday, October 14, 2020 3:26 PM

**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Vanessa/Mike

Thank you for the sampling notification for the BGT releases at the Newsome B #014 & Hodges #015 for Friday October 16, 2020 at 9:30 AM.

In reference to the requested sampling size OCD cannot determine if 400 sqft sampling size will be a representative sample until the excavation is open or additional site characterization information is provided. Coleman can request a variance to the sampling size when the excavation is open and an OCD representative is onsite or alternatively if a OCD representative is not onsite via email/phone with additional information i.e. photos etc.

If you have any additional questions please give me a call.

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410



(505)334-6178 ext 115  
[cory.smith@state.nm.us](mailto:cory.smith@state.nm.us)

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Wednesday, October 14, 2020 9:29 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>  
**Subject:** [EXT] RE: [EXTERNAL] Re: Hodges 15 & Newsome B #014 Sampling Conformation Notice Friday October 16, 2020 Newsome B #014

Good morning,

Coleman Oil & Gas request conformation sampling Notice Friday October 16, 2020 Newsome B #014 & Hodges #015. Coleman Oil & Gas will start at the Newsome B#014 at 9:30 and travel and sample the Hodges #015 thereafter.

The excavation size of the Hodges #015 is 60x20x8' deep. Coleman is requesting to sample the excavation area in 400sq feet areas. If an OCD/BLM representative is onsite to witness confirmation sampling this can be further discussed

Thank you,

**Vanessa Fields**  
Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Vanessa Fields  
**Sent:** Tuesday, October 13, 2020 2:55 PM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>  
**Subject:** RE: [EXTERNAL] Re: Hodges 15 BGT

Good afternoon Cory,

There is not an incident number associated with the release as the analytical results were above regulatory standards for the BGT closure. Coleman Oil & Gas began remediation and the site is not ready for sampling.

Please let me know if you have any further questions.

Thank you,

**Vanessa Fields**  
Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Tuesday, October 13, 2020 2:36 PM

**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** RE: [EXTERNAL] Re: Hodges 15 BGT

Vanessa,

I don't think I received the email for the incident#. What was the causes of the releases?

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

[cory.smith@state.nm.us](mailto:cory.smith@state.nm.us)

**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>

**Sent:** Tuesday, October 13, 2020 1:08 PM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>

**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>

**Subject:** [EXT] RE: [EXTERNAL] Re: Hodges 15 BGT

Good afternoon everyone,

Coleman Oil & Gas is leaving the site open for a few days to determine if more excavating will be needed. Sample notification will be made 48 hours in advance to both agencies.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

**From:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Sent:** Tuesday, October 13, 2020 12:35 PM

**To:** Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>



**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>; Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Subject:** Re: [EXTERNAL] Re: Hodges 15 BGT

Thank you Mike for the updates.

**Abiodun Adeloye (Emmanuel), NRS**

*Bureau of Land Management  
Farmington Field Office  
6251 College Blvd., Suite A  
Farmington, NM 87402  
Office Phone: 505-564-7665  
Cell Phone: 505-635-0984*

---

**From:** Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>  
**Sent:** Tuesday, October 13, 2020 10:46 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Killins, Joe D <[jkillins@blm.gov](mailto:jkillins@blm.gov)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>; Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Subject:** [EXTERNAL] Re: Hodges 15 BGT

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

Cory, Joe and Abiodun,  
Coleman requests to cancel scheduled sampling on the Hodges 15, API 30-045-20186 to allow excavated section to air out. Will reschedule next week.

MH

Sent from my iPhone

On Oct 10, 2020, at 11:49 AM, Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)> wrote:

Cory,  
It looks like Vanessa Fields with Wash Engineering responded to your email, did you receive the information you were looking for on the Hodges 15 & Newsom B14 BGT removals?

Hodges 15, API# 30-045-20186, Section 27, T26N R08W, SF078432  
Newsom B14, API#30-045-20131, Section 9, T26N R08W, SF078384

Thanks,

Michael T Hanson  
Operations Engineer

Coleman Oil & Gas, Inc  
Main (505) 327-0356  
Direct (505) 566-1996  
Mobile (505) 330-2903  
[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)

Sent from [Mail](#) for Windows 10

**From:** [Smith, Cory, EMNRD](#)  
**Sent:** Friday, October 9, 2020 9:41 AM  
**To:** [Mike Hanson](#); [Joe Killins](#); [Adeloye, Abiodun A](#)  
**Cc:** [Bruce Taylor](#); [Cooper Dean](#); [Mike Detrick](#); [Vanessa Fields](#)  
**Subject:** RE: Hodges 15

Mike,

What are the incident # related to each release?

What was the reason for the releases ?

Cory Smith  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 115  
[cory.smith@state.nm.us](mailto:cory.smith@state.nm.us)

**From:** Mike Hanson <[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)>  
**Sent:** Friday, October 9, 2020 7:35 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Joe Killins <[jkillins@blm.gov](mailto:jkillins@blm.gov)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>  
**Cc:** Bruce Taylor <[brucetaylor@cog-fmn.com](mailto:brucetaylor@cog-fmn.com)>; Cooper Dean <[threedservices@live.com](mailto:threedservices@live.com)>; Mike Detrick <[mdetrick@envirotech-inc.com](mailto:mdetrick@envirotech-inc.com)>; Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Subject:** [EXT] RE: Hodges 15

Cory, Joe & Abiodun,

Coleman plans to move in excavator and remove additional material from the Hodges 15 Monday Morning October 12, 2020. Plan is to excavate and resample Hodges 15 on **Wednesday October 14, 2020 at 10:00 AM**. From the Hodges 15, plans are to move to the Newsom B14 on Wednesday October 14, 2020 and excavate additional material and resample Newsom B14 on **Friday October 16, 2020 at 10:00 AM**.

If you need additional information let me know.

Thanks,

Michael T Hanson  
Operations Engineer  
Coleman Oil & Gas, Inc  
Main (505) 327-0356

Direct (505) 566-1996  
Mobile (505) 330-2903  
[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)

Sent from [Mail](#) for Windows 10

**From:** [Mike Hanson](#)  
**Sent:** Friday, August 14, 2020 8:49 AM  
**To:** [Smith, Cory, EMNRD](#)  
**Cc:** [Bruce Taylor](#); [Cooper Dean](#)  
**Subject:**

Cory & ,  
Per NMOCD regulations to close BGT Coleman is given written notice VIA email that they plan to remove the below grade fiberglass tanks and sample per the closer report submitted previously to NMOCD. If you have any questions concerning the procedure or information provide please let Bruce Taylor, Production/Construction Foreman with Coleman Oil & Gas, Inc at (505) 486-3427, [BruceTaylor@cog-fmn.com](mailto:BruceTaylor@cog-fmn.com) or myself know.

Hodges 15, API# 30-045-20186, Section 27, T26N R08W, SF078432  
Date Wednesday August 18, 2020 at 10:00 AM

Newsom B14, API#30-045-20131, Section 9, T26N R08W, SF078384  
Date Wednesday August 18, 2020 at 11:00 AM

Thanks,

Michael T Hanson  
Operations Engineer  
Coleman Oil & Gas, Inc  
Main (505) 327-0356  
Direct (505) 566-1996  
Mobile (505) 330-2903  
[mhanson@cog-fmn.com](mailto:mhanson@cog-fmn.com)

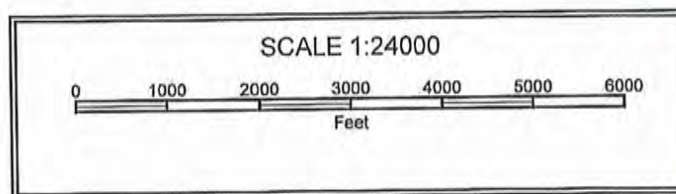
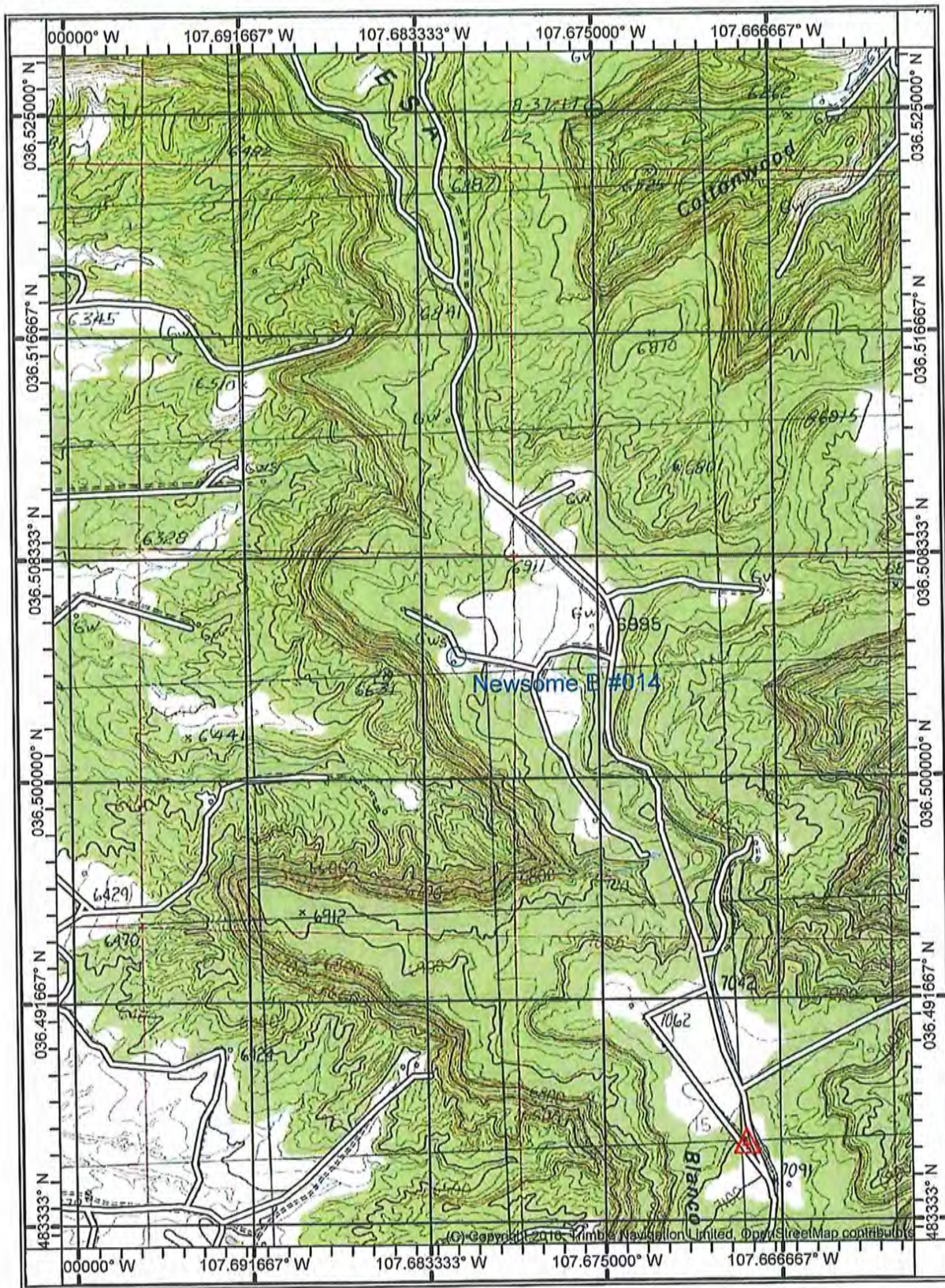
Sent from [Mail](#) for Windows 10



# Newsome B #014 30-045-20131










10/3/2019

nmwrrs.ose.state.nm.us/nmwrrs/ReportDispatcher?type=PODGHTML&amp;name=PodGroundSummaryHTML.jrxml&amp;basin=SJ&amp;nbr=00063&amp;s...



## New Mexico Office of the State Engineer

# Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	SJ 00063	3	2	4	26	26N	09W	253268	4038101* 
Driller License: 329		Driller Company:				BRANCH DRILLING COMPANY			
Driller Name:									
Drill Start Date: 08/02/1957		Drill Finish Date:				08/10/1957		Plug Date:	
Log File Date: 05/08/1958		PCW Rev Date:						Source: Shallow	
Pump Type: SUBMER		Pipe Discharge Size:						Estimated Yield: 32 GPM	
Casing Size: 16.00		Depth Well:				479 feet		Depth Water: 234 feet	
Water Bearing Stratifications:					Top	Bottom	Description		
					421	465	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					307	479			

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSF/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.

10/3/19 9:08 AM

POINT OF DIVERSION SUMMARY



## National Flood Hazard Layer FIRMette



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone 2
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes, Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone 3
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

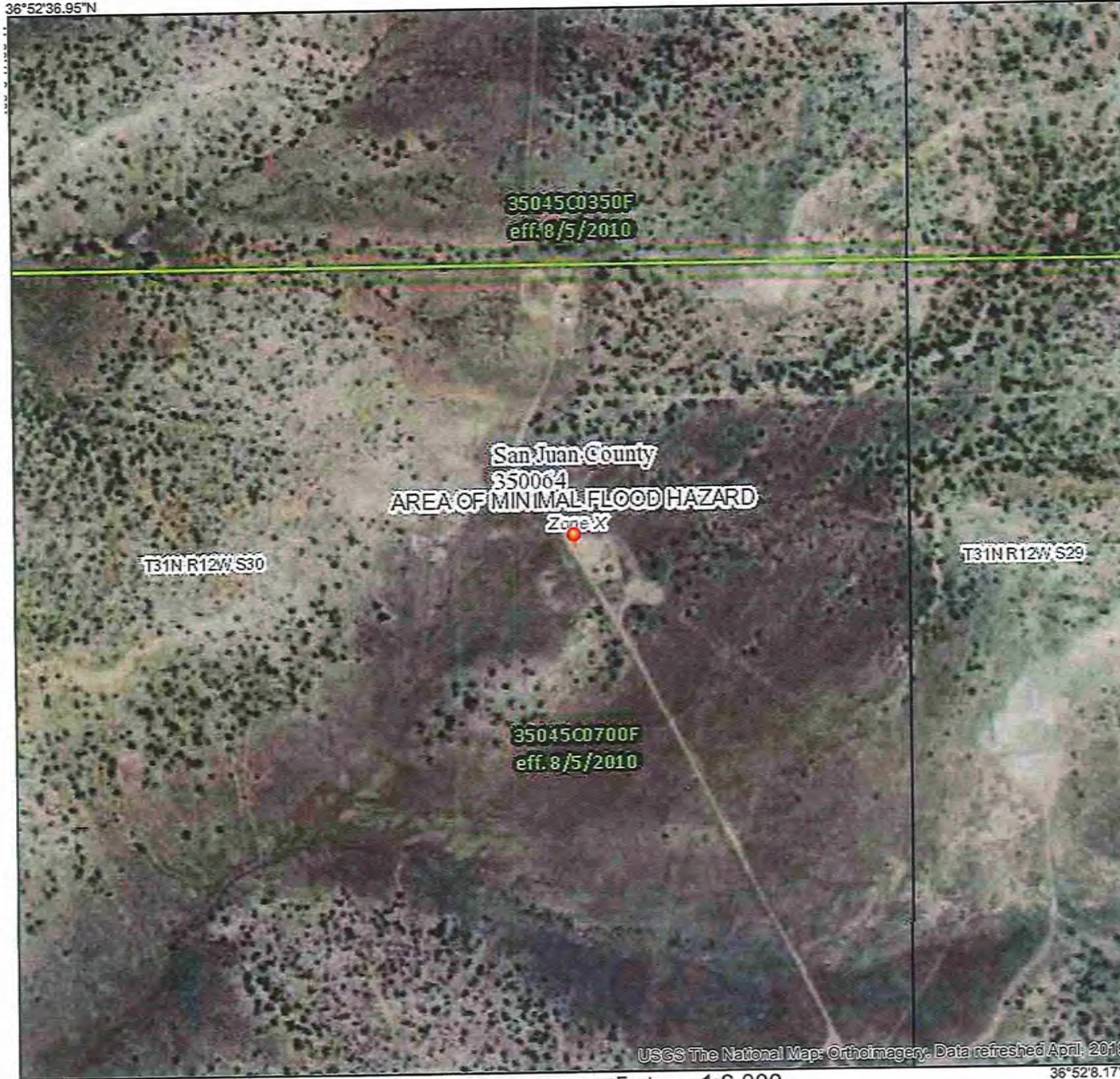
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/3/2019 at 5:03:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

36°52'36.95"N



USGS The National Map: Orthoimagery. Data refreshed April, 2019.

36°52'8.17"N

0 250 500 1,000 1,500 2,000 Feet 1:6,000



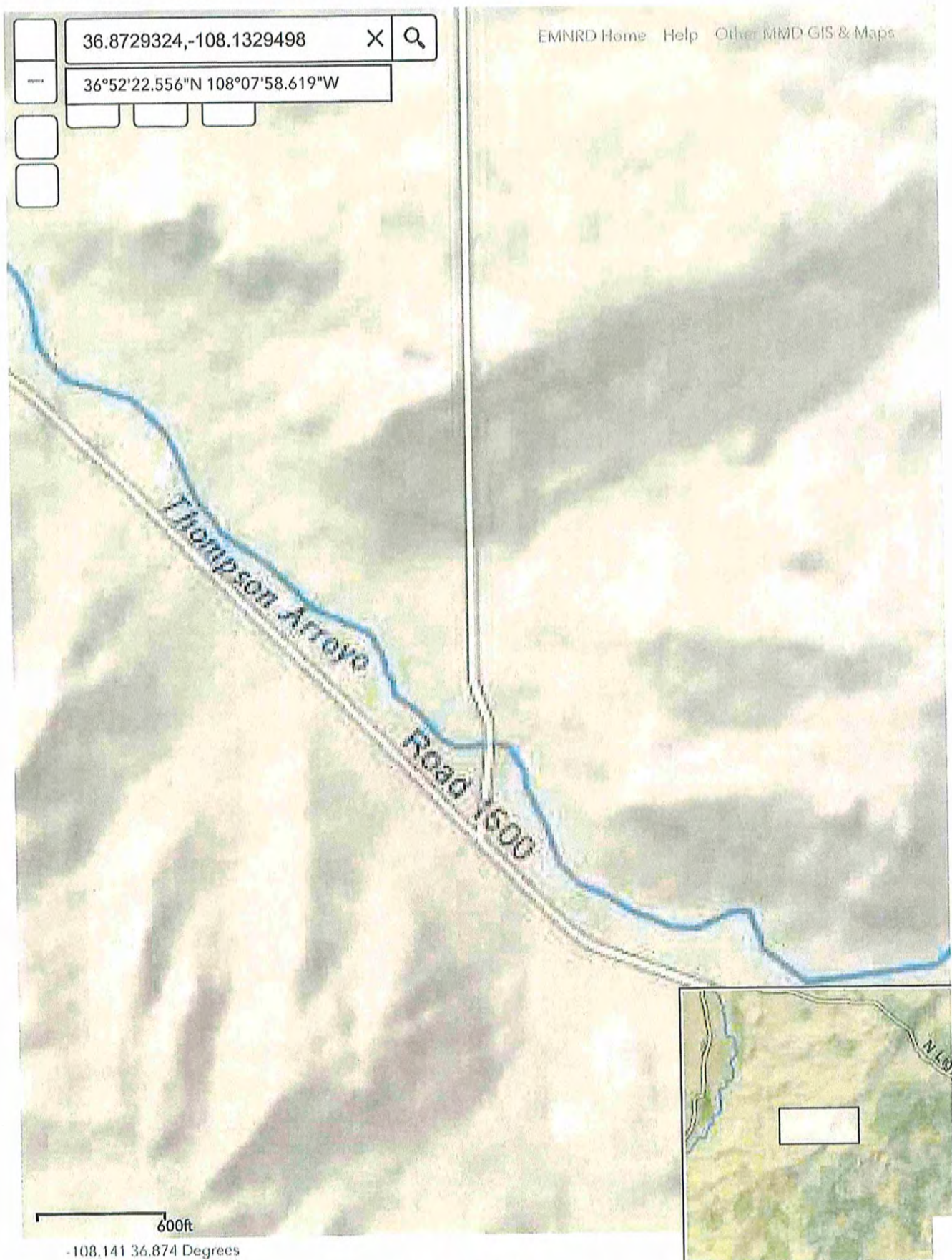
10/3/2019

Coal Mine Resources in New Mexico



# Coal Mine Resources in New Mexico

NM Mining and Minerals Division



-108.141 36.874 Degrees

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# COLEMAN OIL & GAS, INC.

NEWSOM B #14

1450' FNL 790' FEL

UNIT H SEC 9 T26N R08W

LATITUDE 36.50485

LONGITUDE 107.68111

API#30 045-20131

LEASE # SF-078384/ ELEV. # 6894

BASIN DK

SAN JUAN COUNTY, NEW MEXICO

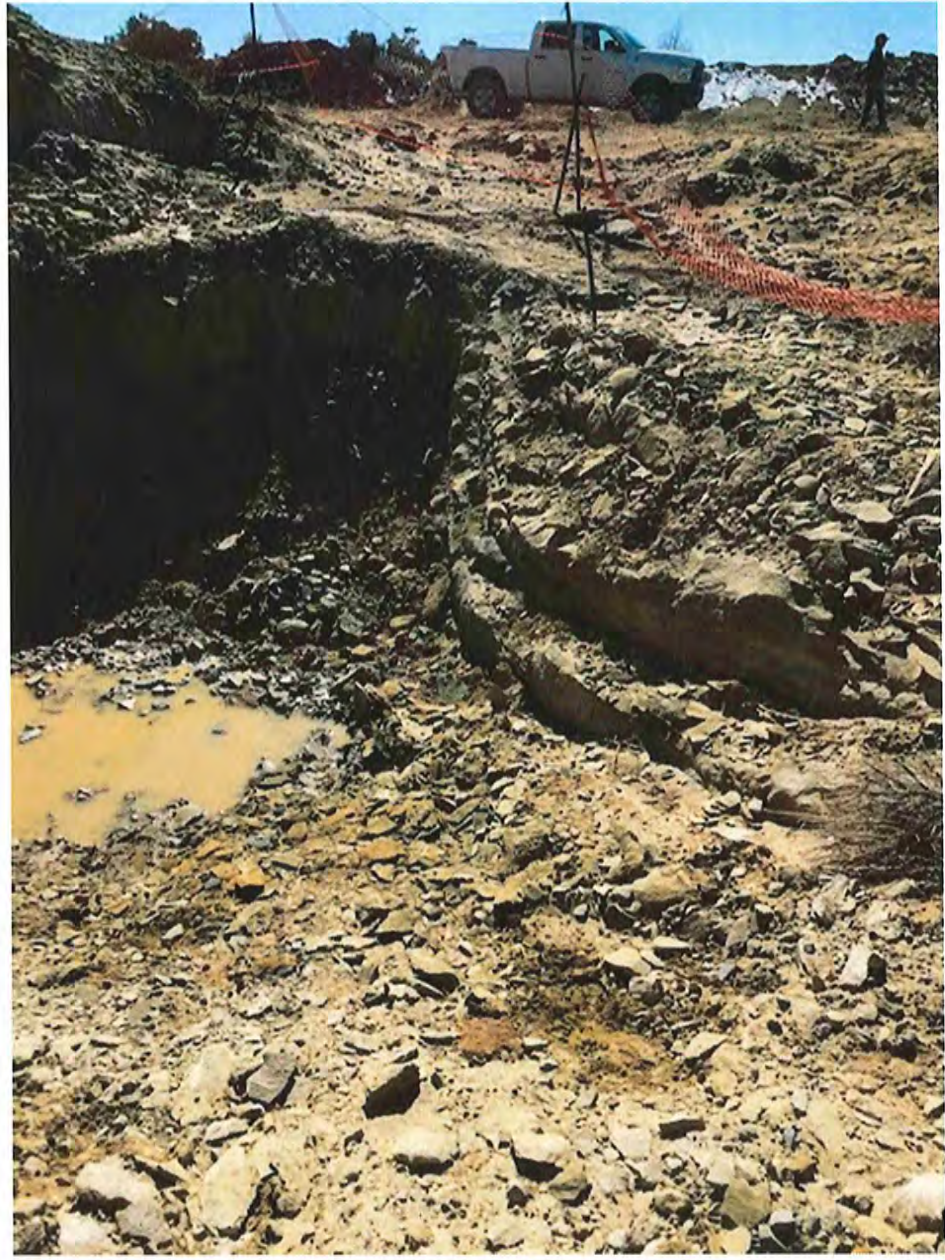
EMERGENCY  
CONTACT

**(505) 327-0356**

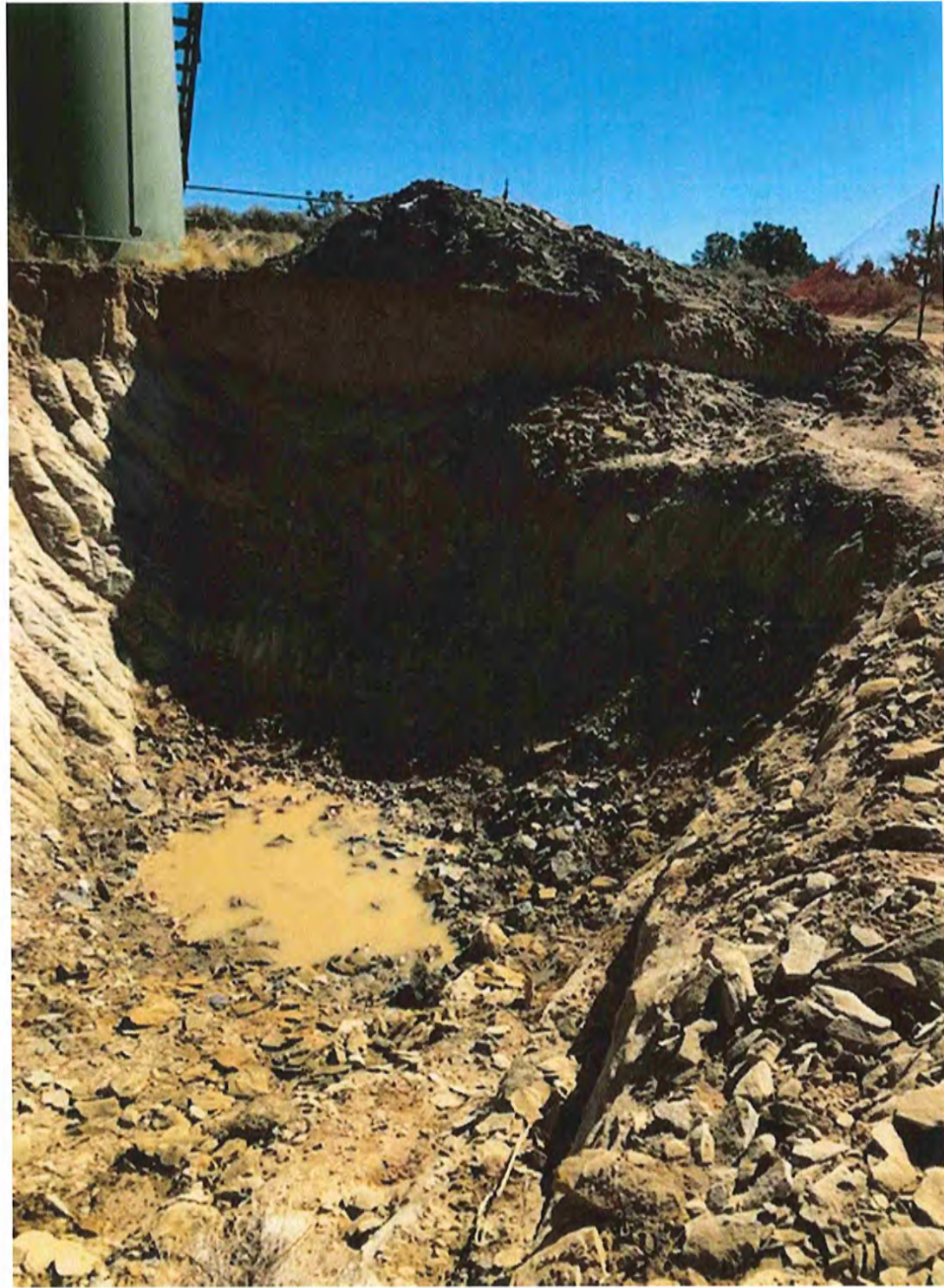




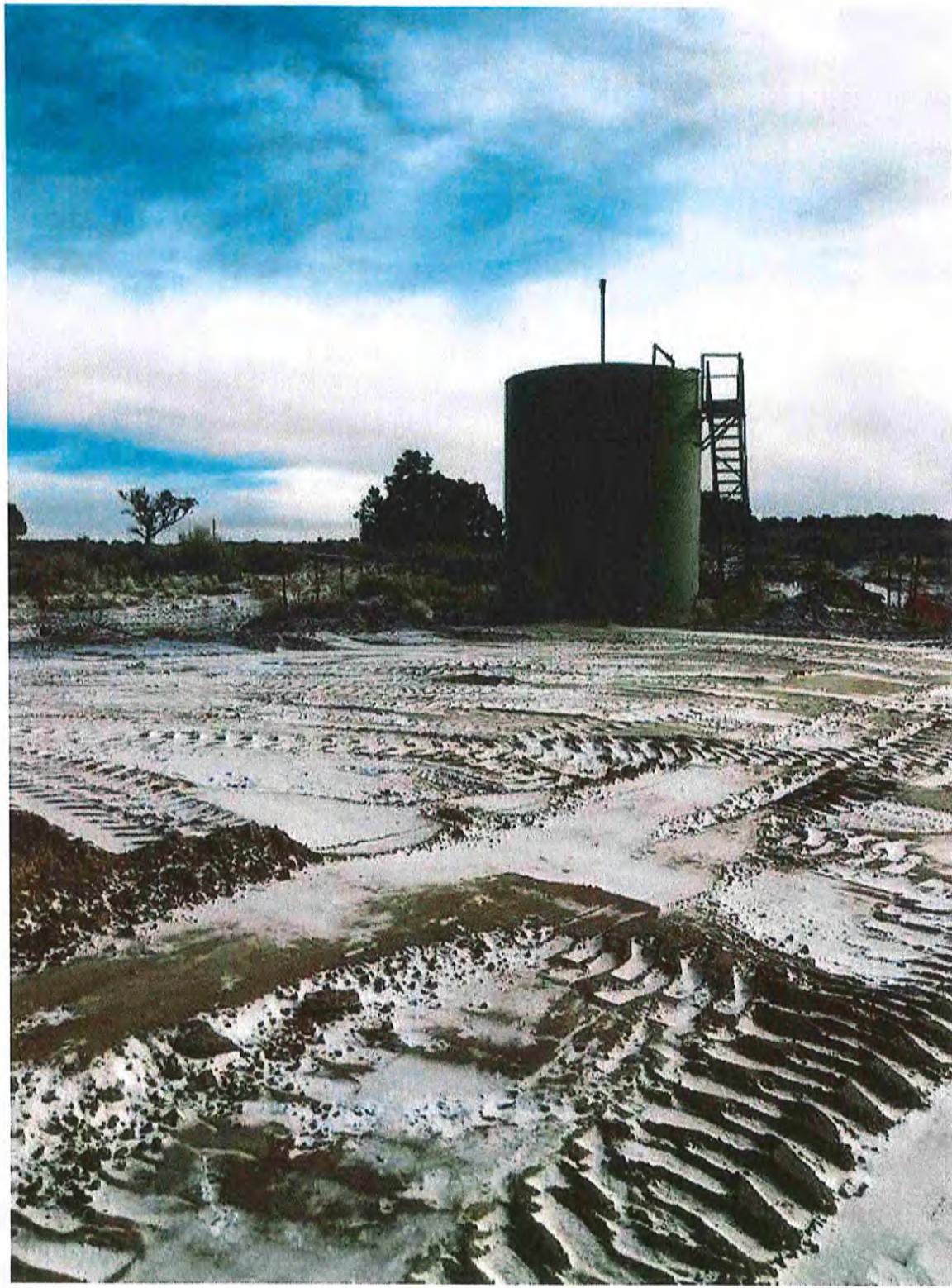














Coleman Oil & Gas  
P.O. Box 3337  
Farmington NM, 87499

Project Name: Newsom B-14  
Project Number: 05206-0001  
Project Manager: Bruce Taylor

Reported:  
08/27/20 14:05

**Soil Newsom B-14**  
**P008071-01 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatiles Organics by EPA 8021B</b>						Batch: 2035008
Benzene	0.355	0.250	10	08/24/20	08/26/20	
Toluene	1.31	0.250	10	08/24/20	08/26/20	
Ethylbenzene	0.924	0.250	10	08/24/20	08/26/20	
p,m-Xylene	120	0.500	10	08/24/20	08/26/20	
o-Xylene	5.23	0.250	10	08/24/20	08/26/20	
Total Xylenes	125	0.250	10	08/24/20	08/26/20	
Surrogate: 4-Bromochlorobenzene-PID	101 %	50-150		08/24/20	08/26/20	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						Batch: 2035008
Gasoline Range Organics (C6-C10)	435	200	10	08/24/20	08/26/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.3 %	50-150		08/24/20	08/26/20	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						Batch: 2035012
Diesel Range Organics (C10-C28)	13600	250	10	08/24/20	08/25/20	
Oil Range Organics (C28-C40)	2440	500	10	08/24/20	08/25/20	
Surrogate: n-Nonane	758 %	50-200		08/24/20	08/25/20	SS
<b>Anions by EPA 300.0/9056A</b>						Batch: 2035013
Chloride	113	20.0	1	08/25/20	08/25/20	

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## Sample Data

Coleman Oil & Gas	Project Name:	Newsome B #014	<b>Reported:</b> 11/5/2020 2:53:50PM
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	

### SW Wall Composite

E010133-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	0.210	0.0500	1	11/02/20	11/03/20	
o-Xylene	0.0854	0.0250	1	11/02/20	11/03/20	
Total Xylenes	0.296	0.0250	1	11/02/20	11/03/20	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2045027
Diesel Range Organics (C10-C28)	597	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	288	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		121 %	50-200	11/04/20	11/05/20	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: NE		Batch: 2045017
Chloride	57.0	20.0	1	11/03/20	11/03/20	



## Sample Data

Coleman Oil & Gas  
P.O. Box 3337  
Farmington NM, 87499

Project Name: Newsome B #014  
Project Number: 05206-0001  
Project Manager: Vanessa Fields

**Reported:**  
11/5/2020 2:53:50PM

### Base

**E010133-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	ND	0.0500	1	11/02/20	11/03/20	
o-Xylene	ND	0.0250	1	11/02/20	11/03/20	
Total Xylenes	ND	0.0250	1	11/02/20	11/03/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2045027
Diesel Range Organics (C10-C28)	70.7	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	54.1	50.0	1	11/04/20	11/05/20	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/04/20	11/05/20	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: NE		Batch: 2045017
Chloride	46.5	20.0	1	11/03/20	11/03/20	





## Sample Data

Coleman Oil & Gas  
P.O. Box 3337  
Farmington NM, 87499

Project Name: Newsome B #014  
Project Number: 05206-0001  
Project Manager: Vanessa Fields

Reported:  
11/5/2020 2:53:50PM

### NE Wall

E010133-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	ND	0.0500	1	11/02/20	11/03/20	
o-Xylene	ND	0.0250	1	11/02/20	11/03/20	
Total Xylenes	ND	0.0250	1	11/02/20	11/03/20	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	11/02/20	11/03/20	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2045027
Diesel Range Organics (C10-C28)	257	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	153	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		101 %	50-200	11/04/20	11/05/20	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: NE		Batch: 2045017
Chloride	57.1	20.0	1	11/03/20	11/03/20	



## Project Information

### Chain of Custody

Page 1 of 1

[illegible]

Page 9 of 9



5795 US Highway 64, Farmington, NM 87401  
24 Hour Emergency Response Phone (800) 302-1879

Ph (505) 632-1861 Fx (505) 632-1865

la.badmin@envirotech-inc.com



### Project Information

### Chain of Custody

Page 1 of 1

[illegible]

Page 13 of 14



## Analytical Report

### Report Summary

Client: Coleman Oil & Gas  
Samples Received: 8/20/2020  
Job Number: 05206-0001  
Work Order: P008071  
Project Name/Location: Newsom B-14

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 8/27/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.  
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Envirotech, Inc. holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc. holds the Texas TNI certification T104704557-19-2 for the data reported.







Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Soil Newsom B-14	P008071-01A	Soil	08/19/20	08/20/20	Glass Jar, 4 oz.

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Coleman Oil & Gas	Project Name:	Newsom B-14	Reported: 08/27/20 14:05
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Bruce Taylor	

### Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

#### Blank (2035008-BLK1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	50-150			

#### LCS (2035008-BS1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Benzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	50-150			

#### Matrix Spike (2035008-MS1)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Benzene	5.31	0.0250	5.00	ND	106	54-133			
Toluene	5.31	0.0250	5.00	ND	106	61-130			
Ethylbenzene	5.27	0.0250	5.00	ND	105	61-133			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
o-Xylene	5.31	0.0250	5.00	ND	106	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	50-150			

#### Matrix Spike Dup (2035008-MSD1)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Benzene	5.16	0.0250	5.00	ND	103	54-133	2.89	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	3.22	20	
Ethylbenzene	5.11	0.0250	5.00	ND	102	61-133	3.16	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	3.16	20	
o-Xylene	5.14	0.0250	5.00	ND	103	63-131	3.28	20	
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131	3.20	20	
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		104	50-150			

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

**Nonhalogenated Organics by EPA 8015D - GRO - Quality Control**

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

**Blank (2035008-BLK1)**

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	50-150			

**LCS (2035008-BS2)**

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	50-150			

**Matrix Spike (2035008-MS2)**

Source: P008061-21 Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	50-150			

**Matrix Spike Dup (2035008-MSD2)**

Source: P008061-21 Prepared: 08/24/20 1 Analyzed: 08/25/20 1

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130	5.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	50-150			

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Coleman Oil & Gas	Project Name:	Newsom B-14	Reported: 08/27/20 14:05
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Bruce Taylor	

**Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control**

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
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**Blank (2035012-BLK1)**

Prepared: 08/24/20 | Analyzed: 08/25/20 0

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	50-200			

**LCS (2035012-BS1)**

Prepared: 08/24/20 | Analyzed: 08/25/20 0

Diesel Range Organics (C10-C28)	476	25.0	500		95.2	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

**Matrix Spike (2035012-MS1)**

Source: P008061-23 Prepared: 08/24/20 | Analyzed: 08/25/20 0

Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	25.5		50.0		51.0	50-200			

**Matrix Spike Dup (2035012-MSD1)**

Source: P008061-23 Prepared: 08/24/20 | Analyzed: 08/25/20 0

Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.7	38-132	1.29	20	
Surrogate: n-Nonane	43.9		50.0		87.9	50-200			

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Coleman Oil & Gas	Project Name:	Newsom B-14	Reported: 08/27/20 14:05
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Bruce Taylor	

**Anions by EPA 300.0/9056A - Quality Control**

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

**Blank (2035013-BLK1)** Prepared: 08/25/20 0 Analyzed: 08/25/20 1

Chloride	ND	20.0							
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**LCS (2035013-BS1)** Prepared: 08/25/20 0 Analyzed: 08/25/20 1

Chloride	247	20.0	250		98.7	90-110			
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**Matrix Spike (2035013-MS1)** Source: P008061-21 Prepared: 08/25/20 0 Analyzed: 08/25/20 1

Chloride	308	20.0	250	55.3	101	80-120			
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**Matrix Spike Dup (2035013-MSD1)** Source: P008061-21 Prepared: 08/25/20 0 Analyzed: 08/25/20 1

Chloride	311	20.0	250	55.3	102	80-120	1.11	20	
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**QC Summary Report Comment:**

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Notes and Definitions

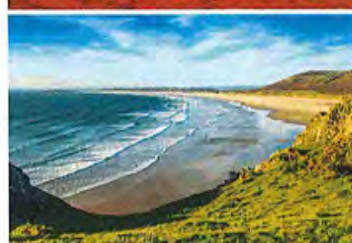
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- \*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.





Report to:  
Vanessa Fields  
P.O. Box 3337  
Farmington, NM 87499



5796 U.S. Hwy 64  
Farmington, NM 87401  
  
Phone: (505) 632-1881  
Envirotech-inc.com



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## Analytical Report

### Coleman Oil & Gas

Project Name: Newsome B #014  
  
Work Order: E010133  
  
Job Number: 05206-0001  
  
Received: 10/29/2020

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/5/20

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
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Envirotech Inc, holds the Utah TNI certification NM009792018-1 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported.

Date Reported: 11/5/20

Vanessa Fields  
P.O. Box 3337  
Farmington, NM 87499



Project Name: Newsome B #014  
Workorder: E010133  
Date Received: 10/29/2020 2:48:00PM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/29/2020 2:48:00PM, under the Project Name: Newsome B #014.

The analytical test results summarized in this report with the Project Name: Newsome B #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Alexa Michaels**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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### Sample Summary

Coleman Oil & Gas	Project Name:	Newsome B #014	Reported:
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/05/20 14:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW Wall Composite	E010133-01A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Base	E010133-02A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
NE Wall	E010133-03A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.





## QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	Reported:
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2045007-BLK1)

Prepared: 11/02/20 Analyzed: 11/04/20

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 7.97 8.00 99.7 70-130

## LCS (2045007-BS1)

Prepared: 11/02/20 Analyzed: 11/04/20

Benzene	5.00	0.0250	5.00		99.9	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
p,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
o-Xylene	4.98	0.0250	5.00		99.7	70-130			
Total Xylenes	15.0	0.0250	15.0		99.9	70-130			

Surrogate: 4-Bromochlorobenzene-PID 8.24 8.00 103 70-130

## Matrix Spike (2045007-MS1)

Source: E010132-01 Prepared: 11/02/20 Analyzed: 11/04/20

Benzene	5.91	0.0250	5.00	ND	118	54-133			
Toluene	5.91	0.0250	5.00	0.0274	118	61-130			
Ethylbenzene	5.88	0.0250	5.00	ND	118	61-133			
p,m-Xylene	12.2	0.0500	10.0	0.265	119	63-131			
o-Xylene	6.04	0.0250	5.00	0.0726	119	63-131			
Total Xylenes	18.2	0.0250	15.0	0.337	119	63-131			

Surrogate: 4-Bromochlorobenzene-PID 8.43 8.00 105 70-130

## Matrix Spike Dup (2045007-MSD1)

Source: E010132-01 Prepared: 11/02/20 Analyzed: 11/04/20

Benzene	5.32	0.0250	5.00	ND	106	54-133	10.6	20	
Toluene	5.28	0.0250	5.00	0.0274	105	61-130	11.3	20	
Ethylbenzene	5.26	0.0250	5.00	ND	105	61-133	11.3	20	
p,m-Xylene	10.8	0.0500	10.0	0.265	105	63-131	12.5	20	
o-Xylene	5.36	0.0250	5.00	0.0726	106	63-131	12.1	20	
Total Xylenes	16.1	0.0250	15.0	0.337	105	63-131	12.3	20	

Surrogate: 4-Bromochlorobenzene-PID 8.17 8.00 102 70-130



## QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	Reported:
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2045007-BLK1)

Prepared: 11/02/20 Analyzed: 11/04/20

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		8.00		85.9	70-130			

## LCS (2045007-BS2)

Prepared: 11/02/20 Analyzed: 11/04/20

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

## Matrix Spike (2045007-MS2)

Source: E010132-01 Prepared: 11/02/20 Analyzed: 11/04/20

Gasoline Range Organics (C6-C10)	62.2	20.0	50.0	ND	124	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

## Matrix Spike Dup (2045007-MSD2)

Source: E010132-01 Prepared: 11/02/20 Analyzed: 11/04/20

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			





## QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	Reported:
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2045027-BLK1)

Prepared: 11/04/20 Analyzed: 11/04/20

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			

#### LCS (2045027-BS1)

Prepared: 11/04/20 Analyzed: 11/04/20

Diesel Range Organics (C10-C28)	435	25.0	500		87.1	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

#### Matrix Spike (2045027-MS1)

Source: E010132-04 Prepared: 11/04/20 Analyzed: 11/05/20

Diesel Range Organics (C10-C28)	2650	50.0	500	1970	136	38-132			M2
Surrogate: n-Nonane	63.7		50.0		127	50-200			

#### Matrix Spike Dup (2045027-MSD1)

Source: E010132-04 Prepared: 11/04/20 Analyzed: 11/05/20

Diesel Range Organics (C10-C28)	2650	50.0	500	1970	138	38-132	0.351	20	M2
Surrogate: n-Nonane	66.3		50.0		133	50-200			



### QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	Reported:
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

#### Anions by EPA 300.0/9056A

Analyst: NE

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2045017-BLK1)

Prepared: 11/03/20 Analyzed: 11/03/20

Chloride ND 20.0

#### LCS (2045017-BS1)

Prepared: 11/03/20 Analyzed: 11/03/20

Chloride 253 20.0 250 101 90-110

#### Matrix Spike (2045017-MS1)

Source: E010132-01 Prepared: 11/03/20 Analyzed: 11/03/20

Chloride 253 20.0 250 ND 101 80-120

#### Matrix Spike Dup (2045017-MSD1)

Source: E010132-01 Prepared: 11/03/20 Analyzed: 11/03/20

Chloride 253 20.0 250 ND 101 80-120 0.0316 20

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.





## Definitions and Notes

Coleman Oil & Gas	Project Name:	Newsome B #014	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/05/20 14:53

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



# Envirotech Analytical Laboratory

Printed: 10/29/2020 3:57:11PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Coleman Oil & Gas	Date Received:	10/29/20 14:48	Work Order ID:	E010133
Phone:	505-327-0356	Date Logged In:	10/29/20 15:54	Logged In By:	Alexa Michaels
Email:	vanessa@walsheng.net	Due Date:	11/05/20 17:00 (5 day TAT)		

### Chain of Custody (COC)

- |   |     |
|---|-----|
| 1. Does the sample ID match the COC?  | Yes |
| 2. Does the number of samples per sampling site location match the COC      | Yes |
| 3. Were samples dropped off by client or carrier?                           | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes |
| 5. Were all samples received within holding time?                           | Yes |

Carrier: Vanessa Fields

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

### Sample Turn Around Time (TAT)

- |   |     |
|---|-----|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |
|---|-----|

### Sample Cooler

- |  |     |
|--|-----|
| 7. Was a sample cooler received?   | Yes |
| 8. If yes, was cooler received in good condition?                                  | Yes |
| 9. Was the sample(s) received intact, i.e., not broken?                            | Yes |
| 10. Were custody/security seals present?   | No  |
| 11. If yes, were custody/security seals intact?                                    | NA  |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C | Yes |

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- |   |
|---|
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C |
|---|

### Sample Container

- |  |     |
|--|-----|
| 14. Are aqueous VOC samples present?   | No  |
| 15. Are VOC samples collected in VOA Vials?                                    | NA  |
| 16. Is the head space less than 6-8 mm (pea sized or less)?                    | NA  |
| 17. Was a trip blank (TB) included for VOC analyses?                           | NA  |
| 18. Are non-VOC samples collected in the correct containers?                   | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

### Field Label

- |   |     |
|---|-----|
| 20. Were field sample labels filled out with the minimum information: |     |
| Sample ID?  | Yes |
| Date/Time Collected?  | Yes |
| Collectors name?  | No  |

### Sample Preservation

- |   |    |
|---|----|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved?                                | NA |
| 24. Is lab filtration required and/or requested for dissolved metals? | No |

### Multiphase Sample Matrix

- |  |    |
|--|----|
| 26. Does the sample have more than one phase, i.e., multiphase?    | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

### Subcontract Laboratory

- |   |                        |
|---|------------------------|
| 28. Are samples required to get sent to a subcontract laboratory?       | No                     |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA Subcontract Lab: NA |

### Client Instruction

### Comments/Resolution

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



**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 19181

CONDITIONS

Operator: COLEMAN OIL & GAS INC P.O. Drawer 3337 Farmington, NM 87499	OGRID: 4838
	Action Number: 19181
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/9/2022