

EOG Resources, Inc. Artesia Division Office 104 S. 4th Street Artesia, N. M. 88210

September 27, 2022

Bradford Billings EMNRD 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Dayton FP Battery 30-015-21738 21-18S-26E Eddy County, NM Incident #nJMW1317739925

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The report is being submitted in reference to the C-141 initial submitted on June 20, 2013. EOG Resources, Inc. has included a C-141 Closure in the most current form in this Closure Report, and hereby requests closure.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.



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Dayton FP Battery

Closure Report

30-015-21738

21-18S-26E

Eddy County, NM

September 27, 2022

nJMW1317739925

Dayton FP Battery

#nJMW1317739925

Closure Report



September 27, 2022

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I. Location

The release is located approximately 2.6 miles south of Atoka in Eddy County, New Mexico.

II. Background

On June 20, 2013, Yates Petroleum Company (YPC) submitted to the NMOCD District II a Form C-141 for the release of 20 B/PW with 0 B/PW recovered. The total affected area was approximately 120 feet by 60 feet north of the produced water line and 141 feet by 9 feet east following the produced water line. The release was from failure of a six (6) inch produced water pvc transfer line. Initial delineation samples were collected and sent to a NMOCD approved laboratory. Based on the results of those sampling activities, a remediation plan was developed and submitted to NMOCD in person on September 10, 2013, evidenced by the Received Stamp on the attached copy, Appendix A. This plan was denied with further delineation of chloride required prior to resubmission of an additional remediation plan. Email correspondence in regard to the denial can be found Appendix D.

Further delineation sampling was conducting using a core rig on January 15, 2014 and sent to a NMOCD approved laboratory. Results of this sampling event indicated that full vertical delineation of chlorides had been completed. On March 27, 2014, an in-person meeting was held with Mike Bratcher at the NMOCD District II Office to discuss the path forward for the site. Notes from that meeting were used to develop a remediation plan.

On April 22, 2014, the completed remediation plan (Appendix B) was submitted in person to Mike Bratcher (NMOCD District II), evidenced by the Received Stamp, during a meeting to discuss the 3 remediation plan submittals. At this meeting, verbal approval of the Remediation Plan was provided by NMOCD, as the concerns discussed at the March 27th meeting had been addressed with the remediation plan.

On May 5, 2014, a follow up email was sent to NMOCD District II discussing the 3 remediation plans that had previously been discussed in-person, all of which Mike Bratcher had provided verbal approval of the plans for the remediation activities to commence during the in person meeting on April 22, 2014. That email and the read receipt are included in this report as Appendix C.

On June 20, 2014, the bids from the contractors were received for the remediation of the release site. However, shortly after awarding the bid, a decision was made by YPC management to delay the work in that area until the time of pipeline infrastructure upgrades. This was to include replacing the current PVC piping with poly pipe. This project was further delayed by the drastic economic downturn that affected the oil and gas industry in the following months, halting many activities in the area.

III. Prior Scope of Work Completed

In August 2015, the YPC Production Department began replacing the PVC lines within the release area with poly pipeline. During these activities, the remediation portion around the pipelines was conducted and completed by a contractor under the supervision of the YPC Production Department. This was to include excavating and disposing of the impacted soils, installation of a 20-ml synthetic liner below the new poly pipelines, and backfilling the portion with clean soil. Photo documentation of this liner installation is included in this portion of the remediation.

On October 4, 2016, remediation activities were started on the remaining portion of the release area. This consisted of excavating four (4) feet of impacted soils within the release area, those soils were then hauled to R360 Environmental Solutions for disposal, manifest tickets are included as Appendix G. Then a 20-ml synthetic liner was installed with six (6) inch sand



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cushions below and above, followed by eighteen (18) inches of caliche and eighteen (18) inches of topsoil to complete the backfill of the excavated area. The current liner was attached to the liner that was previously installed, creating a continuous lined area.

IV. Current Scope of Work Completed

After a denial of the original Closure Report by NMOCD on October 6, 2021, a site visit was conducted to get new photos of the remediation area. During this site visit, it became evident that the portion of the release addressed during 2015 had been improperly lined. The 20-ml liner had surfaced on both the north and south sides of the pipeline Right of Way, indicating that the liner had not only been installed underneath the poly pipelines, but also up the sidewalls. Pictures of this are included in the Site Photos section.

Based on the need to correct the liner installation in this portion of the remediation area, EOG retained Vertex Resource Services Inc. (Vertex) to supervise the liner repairs and properly complete the remediation of this section of the release area.

Vertex began investigating the site in December 2021, with the preparations for excavation and dirt moving operations commencing in February 2022. From February 11 through February 24, 2022, Vertex supervised the excavation of soils above the previously installed liner. During these activities, it was determined that the best course of action would be to install a new 20-ml liner due to the damage being incurred by the previously installed liner during the repair activities. Soils excavated from above the previously installed liner were sent to a NMOCD disposal facility. Due to the lack of vegetation in the area and based on the initial field screen results, it was determined that sending the excavated soils to disposal would be the most sound approach to accomplishing full remediation at the site. As an additional remediation step due to the lack of revegetation in the area, Vertex guided the excavation beyond the boundaries of the original work plan using field screening of chlorides to determine where the new liner installation should occur based on the sidewall results. Since sidewall sampling was not required by the approved Remediation Plan from 2014, only minimal samples were sent for laboratory confirmation, and these were completed at the conclusion of the excavation to ensure the accuracy of the field screening methods. As the lines were exposed moving toward the west, the portion of the site completed in 2016 was found and the liners were overlapped to create a solid lined area. Documentation of these activities is included in Appendix F.

V. Closure Request

Based on the verbal approval of the Remediation Plan provided by NMOCD in 2014, correspondence and notes confirming this approval, and documentation of the scope of work completed at the site, EOG believes enough evidence is provided to substantiate that remedial activities were completed correctly for the time in which the release occurred. This release and initial remediation activities occurred prior to the passage of the current rule for addressing releases, New Mexico Administrative Code (NMAC) 19.15.29 and therefore the site remediation has to be analyzed by the methods and standards relevant for that period of time. Due to the completion of the approved Remediation Plan and current repairs completed of the liner installation, EOG Resources Inc. requests closure of nJMW1317739925, the current C-141 Closure Form is included with this Closure Report as Appendix E.



September 27, 2022

Site Map

Received by OCD: 9/28/2022 1:50:54 PM

Dayton FP Battery	
Closure Report	
#nJMW1317739925	



September 27, 2022

Dayton FP Waterline



Released to Imaging: 2/13/2023 1:01:30 PM



September 27, 2022

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Site Photos

September 27, 2022



Oeog resources

Above- 2015 photos of pipeline replacement with excavation and installation of liner.

Below- 2021 photos of remediation area completed in 2015.







Below- 2021 photos of remediation area completed in 2016 showing revegetation.

Oeog resources







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September 27, 2022

Appendix A Form C-141, Current & Historical

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

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Incident ID	nJMW1317739925
District RP	2RP-1691
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377	
Contact Name Chase Settle	Contact Telephone 575-748-1471	
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nJMW1317739925	
Contact mailing address 104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 32.73417

Longitude -104.38141

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Dayton FP Battery	Site Type Pipeline
Date Release Discovered 06/18/2013	API# (if applicable) 30-015-21738

Unit Letter	Section	Township	Range	County
G	21	18S	26E	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)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 20	Volume Recovered (bbls) 10
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Ves No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Please	se refer to original C-141 for details of 2RF	P-1691.

Page	2
- "B"	_

Oil Conservation Division

Incident ID	nJMW1317739925
District RP	2RP-1691
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?	
release as defined by		
19.15.29.7(A) NMAC?		
🗌 Yes 📈 No		
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

 \checkmark The source of the release has been stopped.

 \checkmark The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

 \checkmark All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Chase Settle

Signature: Chase Settle

Date: 09/27/2022

Title: Rep Safety & Environmental Sr

email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by: _____

Date:

Incident ID	nJMW1317739925
District RP	2RP-1691
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.

<u>Closure Report Attachment Checklist</u>: 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)

 \square 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: Chase Settle

Title: Rep Safety & Environmental Sr

Signature: Chase Settle

Date: 09/27/2022 Telephone: 575-748-1471

email: Chase_Settle@eogresources.com

OCD Only

Page 6

Received by: Jocelyn Harimon

Date: 09/28/2022

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.

uttan Hall Closure Approved by:

Printed Name: Brittany Hall

_____ Date: 2/13/2023

Title: Environmental Specialist

Page 19 of 120	District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV District IV District IV State of New Mexico Energy Minerals and Natural Resources JUN 2 0 2013 Oil Conservation Division 1220 South St. Francis Dr. District IV		
		Fe, NM 87505 side of form	
20	Release Notificatio	on and Corrective Action	
	MM1317739925 OPER	ATOR 🛛 Initial Report 🗌 Final Report	
	Name of CompanyOGRID NumberYates Petroleum Corporation25575	Contact Lupe Carrasco	
	Address 104 S. 4 TH Street	Telephone No. 575-748-1471	
	Facility NameAPI NumberDayton FP Battery30-015-21738	Facility Type Battery	
	Surface Owner Mineral Owner	r Lease No.	
	Fcc		
	Unit Letter Section Township Range Feet from the Nor		
	21 18S 26E	Eddy	
	Latitude <u>32.73417</u>	Longitude_104.38341	
		E OF RELEASE	
	Type of Release Produced Water	Volume of ReleaseVolume Recovered20 B/PW10 B/PW	
	Source of Release	Date and Hour of OccurrenceDate and Hour of Discovery6/18/2013AM6/18/2013AM	
	Water Line Was Immediate Notice Given?	If YES, To Whom?	
	By Whom?	Date and Hour	
	Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse. N/A	
	If a Watercourse was Impacted, Describe Fully * N/A		
	Crews were called in to repair the line.	Line was shut in and a vacuum truck was dispatched to recover standing fluid.	
Describe Area Affected and Cleanup Action Taken.* An approximate area of 20° X3 0'. Impacted soils to be scraped up and taken to an NMOCD approved facility. Vertical and horizontal deliner will be taken and analysis ran for TPH & BTEX, Chlorides will be run for documentation. If initial analytical results for TPH & BTEX are ur a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL's a work plan will be sub Depth to Ground Water: >100! (approximately 140', Section 21-T18S-R26E, per NMOSE), Wellhead Protection Area: No, Distance to Water Body: >1000', SITE RANKING IS 0.			
eceived by OCD: 9/28/2022 1:50:54 PM	regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by t should their operations have failed to adequately investigate and remedia	the best of my knowledge and understand that pursuant to NMOCD rules and notifications and perform corrective actions for releases which may endanger he NMOCD marked as "Final Report" does not relieve the operator of liability ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other	
1:50:		OIL CONSERVATION DIVISION	
022	Signature: In Causan		
28/2	Printed Name: Lupe Carrásco.	Approved by District Supervisor: Signed By Milly Demedican	
D: 9/	Title: Environmental Regulatory Agent	Approval Date: JUN 2 6 2013 Expiration Date:	
y 0C	E-mail Address: Icarrasco@vatespetroleum.com	Conditions of Approval: Remediation per OCD Rule & Attached	
Date: Thursday, June 20, 2013 Phone: 575-748-1471 Guidelines. SUBMIT REMEDIATION			
Receiv	$\frac{1}{2} \frac{1}{2} \frac{1}$		

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1220 S. St. Francis	s Dr., Santa	Fe, NM 8750	5				e, NM 87.						
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No. of Com							OPERA	TOR		🔲 Initi	ial Report	\boxtimes	Final Repor
Name of Company EOG Resources						Contact Chase Settl	e						
Address 104 S. 4 th Stre	eet Årtes	ia NM 882	10			1	Telephone 575-748-41			, and the second	······································		
Facility Name	э	14, 14141 002	10		<u> </u>		Facility Ty						
Dayton FP.Ba	attery						Pipeline						
Surface Owne Fee	er		•	M	lineral ()wner			·····	API No 30-015			
	· · · ;;						NOF RE				1		
1 1	Section 21	Township 18S	Range 26E	Feet fr	om the	North/	South Line	Feet from the	East/V	West Line	County Eddy		
		I		La	titude <u>3</u>	2.7341	<u>7</u> Longitud	e <u>-104.38341</u>					
	ľ,				NAT	URE	OF REL						
Type of Release Produced Water						•	Volume of ReleaseVolume Recovered20 B/PW10 B/PW						
Source of Relea Produced Water		Line		(0/18/	13	Date and Hour of Occurrence 6/18/2010; AM 6/18/2010; AM						
Was Immediate		iven?	Yes 🔲				If YES, To		I	6/18/1			
By Whom?	ı .	L_1		110 23			Date and H	Iour					
Was a Watercou	arse Reach	ied?						olume Impacting	the Wate	ercourse.			
	T		Yes 🛛				N/A						
If a Watercourse N/A		-	-										
Describe Cause Release was cau Crews were calle	ised by a b	reak in a 6 ir				line. Li	ne was shut	n and a vacuum t	ruck was	s dispatche	d to recover	standin	g fluid.
Describe Area A approved facility	Affected an y. Vertica	d Cleanup A l and horizon	tal delinea	tion sam	ples will	l be take	n and analys	0'. Impacted soil is ran for TPH & t, C-141 will be s	BTEX (chlorides f	or document	ation).	If initial
analytical results T18S-R26E , per	s are above r NMOSE	e the RRAL': E), Wellhead	s a work pl Protectio	lan will n Area:	be submi No, Dist	tted to th tance to	he OCD. De Surface Wa	pth to Ground V ter Body: >1000	Vater: >	100' (app)	oximately 1	40', Se	ction 21,
of the NMOCD I hereby certify t	that the inf	formation giv	ven above i	is true ar	nd compl	ete to th	e best of my	knowledge and u	nderstan	d that purs	uant to NMC	DCD rul	es and
regulations all op public health or t	the enviror	nment. The	acceptance	of a C-1	141 repoi	rt by the	NMOCD ma	arked as "Final R	eport" do	oes not reli	eve the opera	ator of l	iability
should their oper								on that pose a three the operator of i					
federal, state, or							· · · · · · · · · · · · · · · · · · ·	-	-	-	-		
Circular Contract	Ľ, S		•				-	OIL CON	SEKVA	ATION	01810	<u>IN</u>	-
Printed Name: C	Chase Settl	le				A	pproved by	Environmental Sp	pecialist:				
Title: NM Adv.	Environm	ental Represe	entative			A	pproval Date	e:	Е	xpiration I	Date:		
E-mail Address:				n			onditions of		1				
Date: October 20					5-748-41						Attached	Ц	
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September 27, 2022

Appendix B September 9, 2013 Remediation Plan

MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986

> S.P YATES 1914-2008



JOHN A. YATES CHAIRMAN EMERITUS

JOHN A. YATES JR. CHAIRMAN OF THE BOARD PRESIDENT

JOHN D. PERINI EXECUTIVE VICE PRESIDENT CHIEF FINANCIAL OFFICER

JAMES S. BROWN CHIEF OPERATING OFFICER

ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (575) 748-1471

105 SOUTH FOURTH STREET

www.vatespetroleum.com

September 9, 2013

Mike Bratcher Oil Conservation Division 811 S. First St. Artesia, NM 88210

RE: Dayton FP Battery (Water Line) 30-015-21738 Section 21, T18S-R26E Eddy County, New Mexico

RECEIVED SEP 1 0 2013 NMOCD ARTESIA

Dear Mr. Bratcher,

Yates Petroleum Corporation would like to submit the enclosed documents for your consideration of the work to be performed at the above captioned water line. These documents are submitted in response the C-141 submitted on June 20, 2013.

The impacted area measuring approximately 20' X 30' has been scraped down to approximately 6". The area has been sampled down to 15' with the use of a Trachoe. At a depth of 11', a hard caliche layer was reached and at 15' it turned extremely hard preventing any further sampling. Due to the soil composition in this area, YPC is proposing to excavate 2.5' of the impacted area for a total depth of 3' and then backfill using a capillary barrier to prevent any further mitigation of chlorides. With the impacted area on a small down gradient, the lack of head pressure from any significant rain event would help the beneficial barrier in preventing any further movement of chlorides. As for the area impacted over the gas and produced water pipelines, YPC would request that a cap of caliche be used to backfill this area with no further excavating due to the area being used as an access to the two existing tin horns and the battery. This would further reduce the safety risks associated with excavation around gas lines and promote a natural barrier. The enclosed documents include a Site Diagram, Results Summary Table, and Analytical Results. All excavated material to be hauled for disposal at an NMOCD approved facility.

If there are no objections to the proposed work, YPC will commence the excavation and backfill of the impacted area. Once the work has been completed, a C-141 Final will be submitted for closure of the site.

Thanks,

Received by OCD: 9/28/2022 1:50:54 PM

unna

Lupe Carrasco Environmental Regulatory Agent



Released to Imaging: 2/13/2023 1:01:30 PM

Dayton FP Battery

Analytical Report- H301489	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-1'	6/25/2013	1'	.085	ND	ND		14800
S1-3'	6/25/2013	3'	0.107	ND	ND		11400
S1-5'	6/25/2013	5'	0.066	ND	ND		14800
S1-7'	7/9/2013	7'	ND	ND	ND		9200
S1-9'	7/9/2013	9'	ND	ND	ND		6530
S1-11'	7/9/2013	11'	ND	ND	ND		12300
S1-13'	8/13/2013	13'					6560
S1-15'	8/13/2013	15'					5040
S2-1'	6/25/2013	1'	0.098	ND	ND		14200
S2-3'	6/25/2013	3'	0.063	ND	ND	_	15800
S2-5'	6/25/2013	5'	.052	ND	ND		14000
S2-7'	7/9/2013	7'	ND	ND	ND		10500
S2-9'	7/9/2013	9'	ND	ND	ND		8800
S2-11'	7/9/2013	11'	ND	ND	ND		4240
S2-13'	8/13/2013	13'					5120
S2-15'	8/13/2013	15'					4800

Site Ranking is Zero (0). Depth to Ground Water >100' (140', Section 21, T18S-R26E per NMOSE).

All results are ppm.Chlorides for documentation.

Released: 20 B/PW; Recovered: 10 B/PW. Release Date: 6/18/13

CARDINAL Laboratories

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

July 02, 2013

LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/26/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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,

Received by OCD: 9/28/2022 1:50:54 PM

D.Keine Celey

Celey D. Keene Lab Director/Quality Manager

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-1' (H301489-01)

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BTEX 8260B	mg/l	g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.085	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	103 %	61.3-14	2						
Surrogate: Toluene-d8	98.6 %	5 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 %	65.7-14	1						
Chloride, SM4500Cl-B	mg/l	g	Analyze	d By: DW					
Analyte	Résult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/l	g	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	82.3 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.3 %	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 9

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	and the second se	

Sample ID: S1-3' (H301489-02)

Page 27 of 120

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.107	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89,5	6.00	8.49	
Surrogate: Dibromofluoromethane	100 %	6 61.3-14	2						
Surrogate: Toluene-d8	100 %	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	108 %	6 65.7-14	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	cg	Analyze	d By: MS	_				_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1,45	
Surrogate: 1-Chlorooctane	90.8 9	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	92.9 9	6 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 9

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-5' (H301489-03)

Page 28 of 120

BTEX 8260B	mg/l	kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.066	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89,5	6.00	8.49	
Surrogate: Dibromofluoromethane	101 %	61.3-14	2						
Surrogate: Toluene-d8	99.3 9	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 %	65.7-14	2						
Chloride, SM4500Cl-B	mg/l	g	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/l	g	Analyze	d By: MS	1.0				-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	16.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	97.3 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.2 %	6 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 9

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Analytical Results For:

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soll
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-1' (H301489-04)

BTEX 8260B	mg/l	cg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.098	0.050	07/02/2013	ND	1,80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101 %	61.3-14	2						
Surrogate: Toluene-d8	99.1 %	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 %	65.7-14	7						
Chloride, SM4500Cl-B	mg/l	g	Analyze	d By: DW	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/l	g	Analyze	d By: MS					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	84.8 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.3 %	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 9

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-3' (H301489-05)

Page 30 of 120

BTEX 8260B	mg/	kg	Analyze	d By: MS		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.063	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9,25	
Total Xylenes*	<0.150	0,150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101 9	6 61.3-14	2						
Surrogate: Toluene-d8	98.7 9	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	1049	65.7-14	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	93.69	6 65.2-14	0						
Survogate: 1-Chlorooctadecane	86.8 9	6 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 9

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Analytical Results For:

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	and the second states of a	

Sample ID: S2-5' (H301489-06)

BTEX 8260B	mg/l	kg	Analyze	d By: MS		_			
Analyte.	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.052	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8,49	
Surrogate: Dibromofluoromethane	101 %	61.3-14	2						
Surrogate: Toluene-d8	101 %	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 %	65.7-14	ý l						
Chloride, SM4500Cl-B	mg/l	g	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/l	g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogale: 1-Chlorooctane	96.5 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.3 %	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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Celeg D. Kee

Celey D. Keene, Lab Director/Quality Manager

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

July 11, 2013

LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/10/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Received by OCD: 9/28/2022 1:50:54 PM

Celez Keene

Celey D. Keene Lab Director/Quality Manager

Laboratories

Analytical Results For:

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Sampling Date:	07/09/2013	
Sampling Type:	Soil	
Sampling Condition:	Cool & Intact	
Sample Received By:	Daniel Wade	
	Sampling Condition:	Sampling Condition: Cool & Intact

Sample ID: S1-7' (H301606-01)

Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	07/11/2013	ND	432	108	400	7.69	

Sample ID: S1-9' (H301606-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP				_	_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	07/11/2013	ND	432	108	400	7.69	

Sample ID: S1-11' (H301606-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	a By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12300	16.0	07/11/2013	ND	400	100	400	3.92	

Sample ID: S2-7' (H301606-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP	_				-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	07/11/2013	ND	400	100	400	3.92	

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Celeg Lit See

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

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Laboratories

Analytical Results For:

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	07/10/2013	Sampling Date:	07/09/2013	
Reported:	07/11/2013	Sampling Type:	Soll	
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Daniel Wade	
Project Location:	NOT GIVEN			
Project Number:	NONE GIVEN		Daniel Wade	

Sample ID: S2-9' (H301606-05)

Chloride, SM4500CI-B Analyte	mg/kg		Analyzed By: AP						
	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/11/2013	ND	400	100	400	3.92	

Sample ID: S2-11' (H301606-06)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	07/11/2013	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager
Laboratories

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

Page 38 of 120 Relinquished by: Special Instructions: Relinquished by: Relinquished by: JRDER # H 301606 (lab use only) LAB # (lab use only) 0 Q|S2-11' S1-9" S2-9' S2-7" S1-11' S1-7" Sampler Signature: City/State/Zip: Telephone No: Company Address: 105 South 4th Street Compt (505) 393-232£ Yates Petroleum Corporation Project Manager: Lupe Carrasco ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 FIELD CODE 575-748-4350 Artesia, NM 88210 Ľ Date Date Date 244 Beginning Depth Time lime lime Ending Depth Received by ELOT: (505) 393-2326 FAX (505) 393-2476 7/9/2013 7/9/2013 7/9/2013 7/9/2013 7/9/2013 7/9/2013 **Date Sampled** Fax No: Time Sampled e-mail: Field Filtered Total #. of Containers carrasco@yatespetroleum.com ice 'reservation & # of Containers HNO₃ HCI H₂SO₄ CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST NaOH Na₂S₂O₃ None Date Other (Specify) 5 Date DW=Drinking Water SL=Sludge 5 Report Format: X Standard Matrix GW = Groundwater S=Soil/Solid Project Name: NP=Non-Potable Specify Other Project Loc: Olime Time and a TPH: 418.1 8015M 8015 ime Project #: TPH: TX 1005 TX 1006 PO #: 103-163 Laboratory Comments: Cations (Ca, Mg, Na, K) Custody seals on container emperature OCs Free of Headspace Anions (Cl, SO4; Alkalinity) TOTAL: <u>C</u> F SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Nodr hal Volatiles **Dayton FP Battery** vze For UPS Receipt Semivolatiles BTEX 8021B/5030 or BTEX 8260 TRRP RCI N.O.R.M. $\times \times$ $|\times|\times$ Chlorides × × **100** SAR NPDES <u>ں</u> ث zzzzz one Star N-N Ż RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Standard TAT Page 5 of 5

Received by QCD: 9/28/2022 1:50:54 PM



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

August 15, 2013

LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/14/13 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited certif.html.

Cardinal Laboratories is accreditated 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,

Received by OCD: 9/28/2022 1:50:54 PM

Celez D.Keine

Celey D. Keene Lab Director/Quality Manager

Laboratories

Analytical Results For:

YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/15/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		
CONSTRUCTION CONTRACTOR	and a service of		

Sample ID: S1-13' (H301928-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S1-15' (H301928-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S2-13' (H301928-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP		-			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S2-15' (H301928-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	08/15/2013	ND	400	100	400	0.00	

*=Accredited Analyte

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Celey Di Keine

Cardinal Laboratories

Celey D. Keene, Lab Director/Quality Manager

Laboratories

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celeg D. Keine

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Page 3 of 4

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Dayton FP Battery Closure Report #nJMW1317739925



September 27, 2022

Appendix C April 22, 2014 Remediation Plan

energy opportunity growth

MARTIN YATES, III 1912-1985 FRANK W. VATES

1936-1906

5.P YATES



JOHN A. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES JR.

JOHN D. PERINI EXECUTIVE VIL DI MONETIZATION CHIEF FINANCIAL DEFICER

JAMES S. BROWN

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105 BOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE 15751 748-1 471

April 16, 2014

Mr. Mike Bratcher NMOCD District II 811 S. First St. Artesia, NM 88210

Re: Dayton FP Battery 30-015-21738 Section 21, T18S-R26E Eddy County, New Mexico

Dear Mr. Bratcher,

Yates Petroleum Corporation is submitting the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated June 20, 2013.

If there are no objections with the scope of work described in the plan, Yates will have a contractor begin work on or after the week of April 25, 2014.

If you have any questions, feel free to call me at (575) 748-4171

Thank you.

YATES PETROLEUM CORPORATION

Chase Settle Environmental Regulatory Agent

Enclosure(s)

KATHY H. PORTER SECRETARY



Yates Petroleum Corporation

Dayton FP Battery Work Plan

Section 21, T18S-R26E

Eddy County, New Mexico

April 16, 2014

Received by OCD: 9/28/2022 1:50:54 PM

The release is located approximately 8 miles south of Artesia, 0.5 mile east on Dayton Road, and 0.7 mile north.

II. Background

On June 20, 2013, Yates submitted to the NMOCD District II office a Form C-141 for the release of 20 B/PW with 0 B/PW recovered. The total affected area is approximately a 120 feet by 60 feet area north of the produced water line and 141 feet by 9 feet east following the produced water line. The release was from failure of a six (6) inch produced water flow line causing produced water to impact the soil around the pipeline. Initial delineation samples were taken (6/25/2013, 7/9/2013, and 8/13/2013) and sent to a NMOCD approved laboratory (7/2/2013, 7/11/2013, and 8/15/2013, results enclosed). Further sampling was conducting using a core rig to determine the delineation of chlorides (1/15/2014) and sent to a NMOCD approved laboratory (1/17/2014, results enclosed).

III. Surface and Ground Water

Area surface geology ranges from Cenozoic Quaternary to Paleozoic Permian. The ChevronTexaco Trend Map displays at this location (Section 21, T18S-R26E) that depth to groundwater is approximately 75' feet making the site ranking for this site a ten (10). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is ten (10) based on the as following:

Depth to ground water	50' - 99'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

IV. Soils

The area consists of soils that are caliche and loamy top soil and are interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Based on enclosed analytical results, the depth to groundwater (75'), and a decrease in chlorides, Yates Petroleum Corporation will excavate four (4) feet of impacted soil within the release area and haul excavated soils to a NMOCD approved facility. Yates Petroleum Corporation will then install a 20 ml liner over the release area with six (6) inches of sand above and below the liner for cushion, and will attempt the same procedure in the pipeline area if practicable. The remaining excavated area will be backfilled with eighteen (18) inches of caliche and eighteen (18) inches of like, similar topsoil allowing for vegetative repopulation of the disturbed area and protection from groundwater contamination. The TPH & BTEX are within the RRAL's for BTEX (50 ppm) and TPH (1000 ppm) for the Total Ranking Score of ten (10), no further analytical testing of TPH and/or BTEX will be conducted (all chloride analytical results are for documentation). When remediation work is completed a C-141, Final Report, analytical results and a site sample diagram will be submitted to the NMOCD and request closure of the site.





Release Area

Sample Location

Analytical Report	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
H301489								
S1-1'	Release Area	6/25/2013	Backhoe	1'	0.085	<10,0	<10.0	14800
S1-3'	Release Area	6/25/2013	Backhoe	3'	0.107	<10.0	<10.0	11400
S1-5'	Release Area	6/25/2013	Backhoe	5'	0.066	<10.0	<10.0	14800
H301606						-		
S1-7'	Release Area	7/9/2013	Backhoe	7'	N/A	N/A	N/A	9200
S1-9'	Release Area	7/9/2013	Backhoe	9'	N/A	N/A	N/A	6530
S1-11'	Release Area	7/9/2013	Backhoe	11'	N/A	N/A	N/A	12300
H301928								
S1-13'	Release Area	8/13/2013	Backhoe	13'	N/A	N/A	N/A	6560
S1-15'	Release Area	8/13/2013	Backhoe	15	N/A	N/A	N/A	5040
H301489								5.000
S2-1'	Release Area	6/25/2013	Backhoe	1'	0.098			14200
S2-3'	Release Area	6/25/2013	Backhoe	3'	0.063		<10.0	15800
S2-5'	Release Area	6/25/2013	Backhoe	5'	0.052	<10.0	<10.0	14000
H301606								1
S2-7'	Release Area	7/9/2013	Backhoe	7'	N/A	N/A	N/A	10500
S2-9'	Release Area	7/9/2013	Backhoe	9'	N/A	N/A	N/A	8800
S2-11'	Release Area	7/9/2013	Backhoe	11'	N/A	N/A	N/A	4240
H301928								
S2-13'	Release Area	8/13/2013	Backhoe	13'	N/A	N/A	N/A	5120
S2-15'	Release Area	8/13/2013	Backhoe	15'	N/A	N/A	N/A	4800
H400147						-		
\$3-20 [']	Release Area	1/15/2014	Coring Unit	20'	N/A	N/A	N/A	2560
S3-25'	Release Area	1/15/2014	Coring Unit	25'	N/A	N/A	N/A	64

Site Ranking is Zero (10). DTGW 50' - 99' (approx 75', Section 21, T18S-R26E, Trend Map) All results are ppm. Chlorides for documentation Released: 20 B/PW; Recovered: 10 B/PW Release Date: 06/18/2013

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

July 02, 2013 LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Page 49 of 120

Enclosed are the results of analyses for samples received by the laboratory on 06/26/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accreditated 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)

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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,

Celey D. Keene

Celey D. Keene Lab Director/Quality Manager

Received by OCD: 9/28/2022 1:50:54 PM



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
	07/02/2013	Sampling Type:	Soil
Reported:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Name:		Sample Received By:	Jodi Henson
Project Number:	NONE GIVEN	Sumple Received Dy.	
Project Location:	NOT GIVEN		

Sample ID: S1-1' (H301489-01)

BTEX 8260B	mg/	kg	Analyzed	l By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.085	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	103 9	61.3-14	2						
Surrogate: Toluene-d8	98.6	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 9	65.7-14	1						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW				-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	82.3	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	82.3	% 63.6-1	54						

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 9

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YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-3' (H301489-02)

Page 51 of 120

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.107	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	100 9	61.3-14	2						
Surrogate: Toluene-d8	100 9	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	108 9	65.7-14	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	90.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	92.9	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-5' (H301489-03)

BTEX 8260B	mg/	'kg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.066	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101 :	61.3-14	2						
Surrogate: Toluene-d8	99.3	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 5	65.7-14	1						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DR0 >C10-C28	16.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	97.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.2	% 63.6-15	4						

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Celuz D. Ke

Celey D. Keene, Lab Director/Quality Manager

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YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-1' (H301489-04)

BTEX 8260B	mg/	'kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.098	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0,150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101	61.3-14	2						
Surrogate: Toluene-d8	99.1	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107 9	65.7-14	1						
Chloride, SM4500Cl-B	mg	'kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	84.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.3	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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Received:	06/26/2013	Sampling Date:	06/25/2013
Received.			
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-3' (H301489-05)

BTEX 8260B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.063	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101	61.3-14	12						
Surrogate: Toluene-d8	98.7	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	65.7-14	1						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	86.8	% 63.6-15	4						

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YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	06/26/2013	Sampling Date:	06/25/2013
Reported:	07/02/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-5' (H301489-06)

BTEX 8260B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	0.052	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	
Surrogate: Dibromofluoromethane	101	61.3-14	2						
Surrogate: Toluene-d8	101	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	107	65.7-14	1						
Chloride, SM4500Cl-B	mg,	kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	06/28/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2013	ND	212	106	200	0.466	
DRO >C10-C28	<10.0	10.0	06/27/2013	ND	212	106	200	1.45	
Surrogate: 1-Chlorooctane	96.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.3	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 9



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
Q2.	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 8 of 9

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July 11, 2013

LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/10/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

07/10/2013	Sampling Date:	07/09/2013
07/11/2013	Sampling Type:	Soil
DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
NONE GIVEN	Sample Received By:	Daniel Wade
NOT GIVEN		
	07/11/2013 DAYTON FP BATTERY NONE GIVEN	07/11/2013Sampling Type:DAYTON FP BATTERYSampling Condition:NONE GIVENSample Received By:

Sample ID: S1-7' (H301606-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AP				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	07/11/2013	ND	432	108	400	7.69	

Sample ID: S1-9' (H301606-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	07/11/2013	ND	432	108	400	7.69	

Sample ID: S1-11' (H301606-03)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12300	16.0	07/11/2013	ND	400	100	400	3.92	

Sample ID: S2-7' (H301606-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	07/11/2013	ND	400	100	400	3.92	

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*=Accredited Analyte

FLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any daim 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 whatboever shall be deemed waived unless made in writing and received by Cardinal within thirty (33) 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 subclicates or successons 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 sample's find-field above. This report shall not be reproduced except in full with writen approval of Cardinal Laboratories.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	07/10/2013	Sampling Date:	07/09/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
		Sample Received By:	Daniel Wade
Project Number:	NONE GIVEN	Sample Received by.	Daniel Waue
Project Location:	NOT GIVEN		

Sample ID: S2-9' (H301606-05)

Page 60 of 120

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/11/2013	ND	400	100	400	3.92	

Sample ID: S2-11' (H301606-06)

Chloride, SM4500CI-B mg/kg Analyzed By: AP True Value QC RPD Qualifier BS **Reporting Limit** Analyzed Method Blank % Recovery Analyte Result 400 3.92 100 Chloride 4240 16.0 07/11/2013 ND 400

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
•	Chloride by SM4500CI-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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Released to Imaging: 2/13/2023 1:01:30 PM

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

Page 62 of 120 Relinquished by: Relinquished by: Relinquished by: Special Instructions: JRDER #: b use only) LAB # (lab use only) 0 0 S1-9" S1-11" S2-11 S2-7" S1-7 S2-9" Sampler Signature: Telephone No: City/State/Zip: Company Address: 105 South 4th Street Comp: (505) 393-232E Yates Petroleum Corporation Project Manager: Lupe Carrasco ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 ماطمال FIELD CODE 575-748-4350 Artesia, NM 88210 ۰. Ar 1 . Date Date Date 29 **Beginning Depth** Time Time lime Ending Depth 4 Received by ELOT: (505) 393-2326 FAX (505) 393-2476 Received 7/9/2013 7/9/2013 7/9/2013 7/9/2013 7/9/2013 7/9/2013 **Date Sampled** 5 Fax No: **Time Sampled** e-mail: Field Filtered Total #. of Containers lcarrasco@yatespetroleum.com Ice HNO₃ HCI H2SO4 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST & # of Containers NaOH Na2S2O3 None 10/13 Other (Specify) Date DW=Drinking Water SL=Sludge Matrix Report Format: GW = Groundwater S=Soil/Solid Project Name: NP=Non-Potable Specify Other Olime Project Loc: 8015M San 418.1 Project #: TPH: 8015 Ime lime TX 1005 TX 1006 TPH: PO #: 103-163 Temperature Upon Receipt Sample Hand Delivered Cations (Ca, Mg, Na, K) Labels on container(s) Custody seals on container(s Custody seals on cooler(s) ample Containers Intacl? /OCs Free of Headspace? aboratory Comments: X Standard Anlons (CI, SO4, Alkalinity) by Counter? by Sampler/Client Rep. by Courier? UPS TOTAL Received by OCD: 9/28/2022 1:50:54 PM SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Analyze Volatiles **Dayton FP Battery** Semivolatiles BTEX 8021B/5030 or BTEX 8260 TRRP DHI RCI N.O.R.M. × × × × Chlorides × × œ B NPDES SAR NSN S NN one Star zΖ RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Page 5 of 5 Standard TAT



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

August 15, 2013

LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/14/13 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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,

Received by OCD: 9/28/2022 1:50:54 PM

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/15/2013	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-13' (H301928-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S1-15' (H301928-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S2-13' (H301928-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	08/15/2013	ND	400	100	400	0.00	

Sample ID: S2-15' (H301928-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	08/15/2013	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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January 17, 2014

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LUPE CARRASCO YATES PETROLEUM CORPORATION 105 S 4th Street Artesia, NM 88210

RE: DAYTON FP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/16/14 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	01/16/2014	Sampling Date:	01/15/2014
Reported:	01/17/2014	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S3 - 20' (H400147-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2014	ND	2.47	124	2.00	0.657	
Toluene*	<0.050	0.050	01/16/2014	ND	2.43	122	2.00	0.0197	
Ethylbenzene*	<0.050	0.050	01/16/2014	ND	2.46	123	2.00	0.0828	
Total Xylenes*	<0.150	0.150	01/16/2014	ND	7.31	122	6.00	1.64	
Total BTEX	<0.300	0.300	01/16/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC 105 % 89.4-126

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	01/17/2014	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/16/2014	ND	201	101	200	12.0	
DRO >C10-C28	<10.0	10.0	01/16/2014	ND	203	102	200	14.3	
Surrogate: 1-Chlorooctane	80.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.6	% 63.6-15	4						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



YATES PETROLEUM CORPORATION LUPE CARRASCO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	01/16/2014	Sampling Date:	01/15/2014
Reported:	01/17/2014	Sampling Type:	Soil
Project Name:	DAYTON FP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S3 - 25' (H400147-02)

Analyte	mg,	/kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2014	ND	2.47	124	2.00	0.657	
Toluene*	<0.050	0.050	01/16/2014	ND	2.43	122	2.00	0.0197	
Ethylbenzene*	<0.050	0.050	01/16/2014	ND	2.46	123	2.00	0.0828	
Total Xylenes*	<0.150	0.150	01/16/2014	ND	7.31	122	6.00	1.64	
Total BTEX	<0.300	0.300	01/16/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 89.4-126

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2014	ND	416	104	400	3.92		
TPH 8015M	mg,	/kg	Analyze	d By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/16/2014	ND	201	101	200	12.0		
DRO >C10-C28	<10.0	10.0	01/16/2014	ND	203	102	200	14.3		
Surrogate: 1-Chlorooctane	86.2	% 65.2-14	0							
Surrogate: 1-Chlorooctadecane	85.3	% 63.6-15	4							

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

Page 3 of 5



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

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Time	Time	in	lime		-	+	+	-	-	-	-	_	-	×		TPH: 418.1 8015M 8 TPH: TX 1005 TX 100	8015I			orm	_	Project Loc:	Project #:	Project Name:	
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Temperature Upon Receipt	ampl by	Custody seals on container(s) Custody seals on cooler(s)	bels	Sample Contained Infactory		-	+		+	+		-		-	-	Anions (Cl, SO4, Alkalinity)	-	E G		×	10	15			
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Dayton FP Battery Closure Report #nJMW1317739925



September 27, 2022

Appendix D Remediation Plan Email and Read Receipt

energy opportunity growth
Chase Settle

From: Sent: To: Cc: Subject: Chase Settle Monday, May 5, 2014 9:22 AM mike.bratcher@state.nm.us Bob Asher Work Plans

Mr. Bratcher,

If there are no objections with the scope of work submitted previously for the plans listed below, Yates will have a contractor begin work on these locations this week. We discussed all 3 of the plans prior to their formal submission, and verbal approval was given to proceed with the revised scope of work from those discussions. Work will not commence on the Agave AAJ State #1 until Wednesday, May 7, 2014, as stated on the cover page for the work plan. If you have an questions or concerns, feel free to contact me.

Dayton FP Battery (Water Line) 30-015-21738 Section 21, T18S-R26E

Eddy County, New Mexico

North Dagger Draw Water Station Section 20, T19S-R25E Eddy County, New Mexico

Agave AAJ State #1

30-015-25049 Section 32, T19S-R24E 660 FNL & 660 FEL Eddy County, New Mexico

Thanks,

Chase Settle

Environmental Regulatory Agent Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)

Released to Imaging: 2/13/2023 1:01:30 PM

Chase Settle

From: To: Sent: Subject: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> Chase Settle Monday, May 5, 2014 9:52 AM Read: Work Plans

Your message was read on Monday, May 05, 2014 9:51:37 AM (GMT-07:00) Mountain Time (US & Canada).

Dayton FP Battery Closure Report #nJMW1317739925



September 27, 2022

Appendix E NMOCD Correspondence & Internal Notes

energy opportunity growth

Page 1

Status Report

Well/Location Name: Dayton FP Batt	ery	Field Supervisor: Chance Sexton
Location: Section 21, T18S-R26E;		Eddy County, NM
Latitude: 32.73417	Longitude: 104.38341	API # 30-015-21738
Surface Owner: Fee	Mineral Owner:	Lease No.

Directions:

SITE RANKING IS ZERC(10). Depth to Ground Water: >100' (approx. 140', Section 21, T18S-R26E, per NMOSE), Wellhead Protection Area: No, Distance to Surface Water Body: >1000'.

Date	Comment
6/18/13	Release: 20 B/PW; Recovered: 10 B/PW
6/19/13	Site visit. APST crew repairing line TNT excauating
6/20/13	Initial C-141 to OCD, Allowing to dry before scraping & sample
6/25/13	Thit scraped impacted area 2-4", Sampled 51 6 52
	@ 1', 3', 5', Ar Impacted Area still moist.
7/18/13	Met of Mike Bratcher. Asked for further delineation
8/13/13	Sampled down to 15 of Trac hoe. Hit hard caliche
	lager. Trachor could not break through. Had seen previou
	Sampled T'BII' on 7/9/13,
1/15/14	Talon Rig Coring Unit . 53-20' 625'
3/13/14	Jampled S5 - Sur, 1', 2', 3'
9/22/14	OCD approved Work Plan
6/13/14	Bid MES held - TNT, Wild West, Hungry Horse
11× of 9/15-19/14	Bid was cleared to award to Wild West
1/1/2015	Work helter due to proponie reasons
8/2015	Production had lines chansed, and being the new line installation the contractor was able
	to excavate bontaminated soil and have it for disposal, as well as install the liner under
	the new lines. Since part of the remediation was completed by production, it will
	have to be re-pid for the remainder of the work.
	This project will be worked simultaneously withouthe Dayton Water Line (Gushwa)

Chase Settle

Page 77 of 120

From:	Patterson, Heather, EMNRD <heather.patterson@state.nm.us></heather.patterson@state.nm.us>
Sent:	Wednesday, November 2, 2016 1:11 PM
То:	Chase E. Settle; Bratcher, Mike, EMNRD
Subject:	RE: Dayton FP and Federal AB #9 C-141

** External email. Use caution.**

I can do it. The OCD will continue to use Yates until we see the change of operator forms approved and the name is officially changed in our system. I wouldn't be surprised if this process takes a while.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Chase E. Settle [mailto:Chase_Settle@eogresources.com] Sent: Friday, October 28, 2016 2:57 PM To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD Subject: Dayton FP and Federal AB #9 C-141

Mike/Heather,

On the 2 C-141 Finals I submitted on Wednesday, I put EOG as the company name, and learned today that we need to continue using Yates Petroleum Corporation for a while longer until it is officially complete. Can you scratch through that and change it, or would you rather me correct it and resubmit them?

Thank you,

Chase Settle, M.S. Adv. Environmental Representative

EOG Resources 105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



Chase Settle

From: Sent: To: Subject:

Page 78 of 120

Lupe Carrasco Tuesday, September 10, 2013 3:26 PM Mike Bratcher@OCD (mike.bratcher@state.nm.us) Dayton FP Battery Water Line

Mr. Bratcher,

As per our conversation on September 10, 2013, in regards to the Dayton FP Battery Water Line, Yates Petroleum will delineate the area further. We will delineate to the point at which chlorides fall to at least 1000 ppm using one soil bore for the impacted area. Once analytical results are obtained we will discuss whether the use of a capillary barrier or a synthetic liner and cap would be of benefit to prevent chloride migration. If you have any questions please feel free to contact me.

Thanks for your time!

Lupe Carrasco

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4350 Fax: (575) 748-4131 Cell: (575) 513-9074 Dayton FP Battery Closure Report #nJMW1317739925



September 27, 2022

Appendix F Vertex Documentation

energy opportunity growth



Client:	EOG Resources Inc.	Inspection Date:	2/7/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/7/2022 11:36 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of	Times
Arrived at Site	2/7/2022 8:20 AM		
Departed Site	2/7/2022 3:02 PM		

Field Notes

14:54 Conduct hydro vac locates to find bottom of existing liner as well as flow lines.

14:55 Lines appear to be approximately 2'-3' below surface with liner underneath them further below surface.

14:56 Completed 3 entire locates and half a 4th locate.

Cutting windows into ground at 1' wide X 20' long X approximately 3-4' deep (pending on flow line depths.

Next Steps & Recommendations

1 Continue locates adding approximately 3 or 4 more holes.



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

Signature



Client:	EOG Resources Inc.	Inspection Date:	2/10/2022	
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/10/2022 11:03 PM	
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E	
Client Contact Phone #:	575-703-6537			
Unique Project ID		Project Owner:		
Project Reference #		Project Manager:		
		Summary of 1	limes	
Arrived at Site	2/10/2022 8:00 AM			
Departed Site	2/10/2022 3:15 PM			
Field Notes				
8:29 On site waiting f	or roustabouts			
8:37 WWS and QT on	site			
9:19 Safety meeting of	complete, determined a gam	e plan for the roustabo	outs today	

15:03 Trackhoe arriving on site

Next Steps & Recommendations

1 Continue excavation along lines

2 Proceed to dig out area



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

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Run on 2/10/2022 11:03 PM UTC



Client:	EOG Resources Inc.	Inspection Date:	2/11/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/11/2022 10:23 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of	Times
Arrived at Site	2/11/2022 7:45 AM		
Departed Site	2/11/2022 3:15 PM		

Field Notes

8:17 WWS and roustabouts on site, safety meeting complete, discussed today's work plan, began work.

8:25 Backhoe heading up the hill to lay plastic for staging

11:54 WWS installing 2' bucket on Trackhoe for precision

14:33 Finding the east edge and starting to work west from there

Next Steps & Recommendations

1 Continue excavation westward



Daily Site Visit Signature

Inspector: Sally Carttar Signature:



Client:	EOG Resources Inc.	Inspection Date:	2/14/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/14/2022 11:34 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537	_	
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of T	limes
Arrived at Site	2/14/2022 7:45 AM		
Departed Site	2/14/2022 3:00 PM		
		Field Note	es

9:13 Working westward, finding north and south walls as we go

12:16 Pushing north wall out since samples are coming back hot on chlorides.

Next Steps & Recommendations

1 Continue working west, checking north and south walls



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Run on 2/14/2022 11:34 PM UTC



Client:	EOG Resources Inc.	Inspection Date:	2/15/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/15/2022 10:55 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of 1	Times
Arrived at Site	2/15/2022 7:45 AM		
Departed Site	2/15/2022 3:00 PM		
		Field Note	25

8:27 All parties on site, safety meeting complete.

8:40 Loading three trucks

8:30 Sampling north and south walls of excavation

10:54 Still working westward, sampling north and south walls as we go

12:21 Loading trucks again

Next Steps & Recommendations

1 Continue digging west to the railroad ROW

2 Start bringing in topsoil



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Daily Site Visit Signature

Inspector: Sally Carttar

Signature:



Client:	EOG Resources Inc.	Inspection Date:	2/16/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/16/2022 10:39 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of	limes
Arrived at Site	2/16/2022 9:00 AM		
Departed Site	2/16/2022 11:45 AM		
		Field Note	25

8:56 Completing safety meeting

8:56 Sending a water truck in anticipation of high winds later

10:30 Per PM I will be staying on site here longer for better oversight

11:34 No more sampling today due to high winds. Excavation continues, closely monitoring worker safety.

Next Steps & Recommendations

1 Continue working westward



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

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Client:	EOG Resources Inc.	Inspection Date:	2/17/2022	
Site Location Name:	Dayton FP Pipeline	– Report Run Date:	2/17/2022 11:33 PM	
Client Contact Name:	Chase Settle		I-21-18S-26E	
Client Contact Phone #:	575-703-6537	_		
Unique Project ID		– Project Owner:		
Project Reference #		Project Manager:		
		Summary of ⁻	Times	
Arrived at Site	2/17/2022 8:45 AM			
Departed Site	2/17/2022 1:30 PM			
		Field Not	es	
9:08 Very cold on site	e			

9:09 Have to move the pile before we continue excavation

Next Steps & Recommendations

1

.



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Run on 2/17/2022 11:33 PM UTC



Client:	EOG Resources Inc.	Inspection Date:	2/18/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/18/2022 8:30 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of T	Times
Arrived at Site	2/18/2022 8:15 AM		
Departed Site	2/18/2022 11:00 AM		
		Field Note	25
8:20 Completing safe	ty meeting, then to start loadi	ng trucks	

8:38 Roustabouts working to clean up lines

10:21 Working back the north wall

Next Steps & Recommendations

1 Continue hauling soils out, backloading with backfill



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:



Client:	EOG Resources Inc.	Inspection Date:	2/22/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/22/2022 11:46 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of	Гimes
Arrived at Site	2/22/2022 9:00 AM		
Departed Site	2/22/2022 3:45 PM		
		Field Note	25

9:14 Safety meeting complete

10:45 Bringing topsoil in and starting to cover largest lines

13:37 Wind is making sample measurements difficult and inconsistent. Trying to minimize its impact on field screens.

Next Steps & Recommendations

1 Sidewalls are clean, sending highest and lowest to lab for confirmation

2 Continue with topsoil



X-

Daily Site Visit Signature

Inspector: Sally Carttar

Signature:



Daily Soil Sampling

Client: Client: EOG Resources Inc.

Location: Site: Dayton FP Pipeline

Date: (SD: 2/22/22)

	Sampling										
						ng			Data Co	ollection	
Hydrocarbon				c	hloride						
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
WES22-01	4.0	0	38				290	~			
WES22-02	4.0	0	26				258				
WES22-03	4.0	0	40				595	~		\checkmark	
WES22-04	4.0	0	43				580	~			
WES22-05	4.0	0	41				423			\checkmark	
WES22-06	4.0	0	23				560			\checkmark	
WES22-07	4.0	0	19				370			\checkmark	



Client:	EOG Resources Inc.	Inspection Date:	2/23/2022	
Site Location Name:	Dayton FP Pipeline	– Report Run Date:	2/23/2022 10:30 PM	
Client Contact Name:	Chase Settle		I-21-18S-26E	
Client Contact Phone #:	575-703-6537	_		
Unique Project ID		– Project Owner:		
Project Reference #		Project Manager:		
		Summary of	Times	
Arrived at Site	2/23/2022 8:00 AM			
Departed Site	2/23/2022 3:30 PM			
		Field Not	es	

9:29 Backfilling with fresh topsoil

Next Steps & Recommendations

1 Wait for lab results

2 Leave the north wall as-is for now, push it out if need be later.

3 Continue backfill



Daily Site Visit Signature

Inspector: Sally Carttar Signature:



Client:	EOG Resources Inc.	Inspection Date:	2/24/2022
Site Location Name:	Dayton FP Pipeline	Report Run Date:	2/24/2022 10:44 PM
Client Contact Name:	Chase Settle	API #:	I-21-18S-26E
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of 1	Times
Arrived at Site	2/24/2022 1:30 PM		
Departed Site	2/24/2022 3:45 PM		
		Field Note	es

14:05 Continuing to backfill excavation

15:32 One of the trucks broke down, so not as fast as planned but should still finish

Next Steps & Recommendations

1 Continue backfill



Daily Site Visit Signature

Inspector: Sally Carttar Signature:



March 04, 2022

Monica Peppin EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2202B30

RE: Dayton FP Pipeline

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 3 sample(s) on 2/24/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Dayton FP Pipeline

2202B30-001

CLIENT: EOG

Project:

Lab ID:

Analytical Report Lab Order 2202B30

Hall Environmental Analysis Laboratory, Inc.	Hall	Environme	ntal Ana	lysis L	aboratory	, Inc.
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Lab Order **2202B30** Date Reported: **3/4/2022**

	Client Sample ID: WS22-01 0-4'
	Collection Date: 2/22/2022 9:35:00 AM
Matrix: SOIL	Received Date: 2/24/2022 8:00:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	95	60	mg/Kg	20	3/2/2022 10:44:29 PM	65907
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	3/1/2022 1:04:31 PM	65799
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	3/1/2022 1:04:31 PM	65799
Surr: DNOP	86.8	51.1-141	%Rec	1	3/1/2022 1:04:31 PM	65799
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/26/2022 8:13:00 AM	65786
Surr: BFB	126	70-130	%Rec	1	2/26/2022 8:13:00 AM	65786
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.024	mg/Kg	1	2/26/2022 8:13:00 AM	65786
Toluene	ND	0.048	mg/Kg	1	2/26/2022 8:13:00 AM	65786
Ethylbenzene	ND	0.048	mg/Kg	1	2/26/2022 8:13:00 AM	65786
Xylenes, Total	ND	0.097	mg/Kg	1	2/26/2022 8:13:00 AM	65786
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	2/26/2022 8:13:00 AM	65786

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 7

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2202B30

Date Reported: 3/4/2022

CLIENT: EOG	Client Sample ID: WS22-03 0-4'									
Project: Dayton FP Pipeline	Collection Date: 2/22/2022 9:45:00 AM									
Lab ID: 2202B30-002	Matrix: SOIL	Received Date: 2/24/2022 8:00:00 AM								
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ				
Chloride	490	60	mg/Kg	20	3/2/2022 10:56:53 PM	65907				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/1/2022 1:15:13 PM	65799				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/1/2022 1:15:13 PM	65799				
Surr: DNOP	88.2	51.1-141	%Rec	1	3/1/2022 1:15:13 PM	65799				
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/26/2022 8:32:00 AM	65786				
Surr: BFB	128	70-130	%Rec	1	2/26/2022 8:32:00 AM	65786				
EPA METHOD 8021B: VOLATILES					Analyst	RAA				
Benzene	ND	0.024	mg/Kg	1	2/26/2022 8:32:00 AM	65786				
Toluene	ND	0.049	mg/Kg	1	2/26/2022 8:32:00 AM	65786				
Ethylbenzene	ND	0.049	mg/Kg	1	2/26/2022 8:32:00 AM	65786				
Xylenes, Total	ND	0.098	mg/Kg	1	2/26/2022 8:32:00 AM	65786				
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	2/26/2022 8:32:00 AM	65786				

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

.

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2202B30

Date Reported: 3/4/2022

CLIENT: EOG	Client Sample ID: WS22-04 0-4' Collection Date: 2/22/2022 9:50:00 AM								
Project: Dayton FP Pipeline									
Lab ID: 2202B30-003	Matrix: SOIL	4/2022 8:00:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst:	ЈМТ			
Chloride	420	61	mg/Kg	20	3/2/2022 11:09:18 PM	65907			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB			
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	2/28/2022 11:26:01 PM	65801			
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	2/28/2022 11:26:01 PM	65801			
Surr: DNOP	84.6	51.1-141	%Rec	1	2/28/2022 11:26:01 PM	65801			
EPA METHOD 8015D: GASOLINE RANGE	i .				Analyst:	RAA			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/26/2022 4:38:28 AM	65787			
Surr: BFB	103	70-130	%Rec	1	2/26/2022 4:38:28 AM	65787			
EPA METHOD 8021B: VOLATILES					Analyst:	RAA			
Benzene	ND	0.024	mg/Kg	1	2/26/2022 4:38:28 AM	65787			
Toluene	ND	0.048	mg/Kg	1	2/26/2022 4:38:28 AM	65787			
Ethylbenzene	ND	0.048	mg/Kg	1	2/26/2022 4:38:28 AM	65787			
Xylenes, Total	ND	0.097	mg/Kg	1	2/26/2022 4:38:28 AM	65787			
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	2/26/2022 4:38:28 AM	65787			

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank

- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 7

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Client: Project:	EOG Dayton I	FP Pipeline									
Sample ID: N	IB-65907	SampT	ype: m k	olk	Tes	tCode: EF	PA Method	300.0: Anion	5		
Client ID: F	BS	Batch	ID: 65	907	F	RunNo: 86	6196				
Prep Date:	3/2/2022	Analysis D	ate: 3/	2/2022	5	SeqNo: 30	038501	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: L	CS-65907	SampT	ype: Ics	;	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID: L	CSS	Batch	ID: 65	907	F	RunNo: 86	6196				
Prep Date:	3/2/2022	Analysis D	ate: 3/	2/2022	5	SeqNo: 30	038502	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.3	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 7

2202B30

04-Mar-22

WO#:

QC SUMMARY REPORT Hall Environmental Ana

FURI	WO#:	2202B30	
alysis Laboratory, Inc.		04-Mar-22	

Client:	EOG										
Project:	Dayton I	FP Pipeline									
Sample ID: N	/B-65799	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: F	PBS	Batch	ID: 657	799	F	unNo: 86	6130				
Prep Date:	2/25/2022	Analysis D	ate: 2/	28/2022	S	SeqNo: 30	036100	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	-	ND	10								
Motor Oil Range	Organics (MRO)	ND	50								
Surr: DNOP		11		10.00		108	51.1	141			
Sample ID: L	CS-65799	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: L	CSS	Batch	ID: 657	799	F	lunNo: 86	6130				
Prep Date:	2/25/2022	Analysis D	ate: 2/	28/2022	S	SeqNo: 30	036101	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	50	10	50.00	0	99.3	68.9	135			
Surr: DNOP		5.1		5.000		102	51.1	141			
Sample ID: N	/IB-65801	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: F	PBS	Batch	ID: 658	801	RunNo: 86130						
Prep Date:	2/25/2022	Analysis D	ate: 2/	28/2022	S	SeqNo: 30	036104	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	-	ND	10								
Motor Oil Range	Organics (MRO)	ND	50								
Surr: DNOP		10		10.00		103	51.1	141			
Sample ID: L	CS-65801	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: L	CSS	Batch	ID: 65	801	F	lunNo: 86	6130				
Prep Date:	2/25/2022	Analysis D	ate: 2/	28/2022	S	GeqNo: 30	036105	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	50	10	50.00	0	99.9	68.9	135			
Surr: DNOP		5.2		5.000		103	51.1	141			

Qualifiers:

Н

ND

* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

в

Analyte detected in the associated Method Blank

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 5 of 7

% Recovery outside of range due to dilution or matrix interference S

Holding times for preparation or analysis exceeded

Released to Imaging: 2/13/2023 1:01:30 PM
-

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2202B30
	04-Mar-22

Client: Project:	EOG	FP Pipeline									
	Dayton	FF Fipenne									
Sample ID:	lcs-65787	SampTy	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	ID: 657	787	F	RunNo: 8	6121				
Prep Date:	2/24/2022	Analysis Da	ate: 2/ 2	26/2022	S	SeqNo: 30	034390	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	24	5.0	25.00	0	97.8	78.6	131			
Surr: BFB		1200		1000		119	70	130			
Sample ID: mb-65787 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range											
Client ID:	PBS	Batch	ID: 657	787	F	RunNo: 8	6121				
Prep Date:	2/24/2022	Analysis Da	ate: 2/ 2	26/2022	S	SeqNo: 30	034392	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		103	70	130			
Sample ID:	lcs-65786	SampTy	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	ID: 657	786	F	RunNo: 8	6123				
Prep Date:	2/24/2022	Analysis Da	ate: 2/ 2	25/2022	S	SeqNo: 30	034593	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	27	5.0	25.00	0	108	78.6	131			
Surr: BFB		1200		1000		118	70	130			
Sample ID:	mb-65786	SampTy	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	ID: 657	786	F	RunNo: 8	6123				
Prep Date:	2/24/2022	Analysis Da	ate: 2/ 2	26/2022	S	SeqNo: 30	034594	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	e Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		105	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 6 of 7

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2202B30
	04-Mar-22

Client: Project:	EOG	FP Pipeline									
110ject.	Dayton	I'r ripeillie									
Sample ID: L	.CS-65787	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: L	CSS	Batch	n ID: 65	787	F	RunNo: 80	6121				
Prep Date:	2/24/2022	Analysis D	ate: 2/	26/2022	S	SeqNo: 3 (034456	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.88	0.025	1.000	0	87.6	80	120			
Toluene		0.92	0.050	1.000	0	92.2	80	120			
Ethylbenzene		0.93	0.050	1.000	0	92.9	80	120			
Xylenes, Total		2.8	0.10	3.000	0	93.1	80	120			
Surr: 4-Bromof	luorobenzene	1.0		1.000		101	70	130			
Sample ID: m	nb-65787	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: P	BS	Batch	n ID: 657	787	F	RunNo: 8	6121				
Prep Date:	2/24/2022	Analysis D	ate: 2/	26/2022	S	SeqNo: 3 (034458	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromof	luorobenzene	0.99		1.000		99.2	70	130			
Sample ID: Ic	cs-65786	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: L	CSS	Batch	n ID: 65	786	F	RunNo: 8	6123				
Prep Date:	2/24/2022	Analysis D	ate: 2/	25/2022	Ş	SeqNo: 3 0	034646	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.95	0.025	1.000	0	95.0	80	120			
Toluene		0.97	0.050	1.000	0	97.3	80	120			
Ethylbenzene		0.98	0.050	1.000	0	98.1	80	120			
Xylenes, Total		2.9	0.10	3.000	0	97.8	80	120			
Surr: 4-Bromof	luorobenzene	0.91		1.000		91.4	70	130			
Sample ID: m	nb-65786	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: P	BS	Batch	n ID: 657	786	F	RunNo: 8	6123				
Prep Date:	2/24/2022	Analysis D)ate: 2/	26/2022	S	SeqNo: 30	034647	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromof	luorobenzene	0.91		1.000		91.4	70	130			
		0.91		1.000		31.4	70	150			

Qualifiers:

Н

ND

* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte

J Analyte detected below quantitation limits P Sample pH Not In Range

RL Reporting Limit

Page 7 of 7

PQL Practical Quanitative Limit S % Recovery outside of range due to dilution or matrix interference

Holding times for preparation or analysis exceeded

ANALYSIS LABORATO		Hall Environme TEL: 505-345-3 Website: cliem	49 Albuquei 1975 FAX	001 Hawkins rque, NM 87 1: 505-345-4	NE 109 107	Sar	mple Log-In Che	Page 11 ck List
Client Name: EOG		Work Order Num	ber: 220	02B30			RcptNo: 1	
Received By: Jose	ph Alderette	2/24/2022 8:00:00	АМ		S.			
Completed By: Sear	Livingston	2/24/2022 8:44:30	АМ		<	/	1	
Reviewed By: Jn	2/24/22)~	-6	not	
Chain of Custody								
1. Is Chain of Custody	complete?		Yes		No		Not Present	
2. How was the sample	delivered?		Cou	ırier				
Log In								
3. Was an attempt mad	e to cool the samples?		Yes		No		NA 🗌	
4. Were all samples reco	eived at a temperature o	of >0° C to 6.0°C	Yes		No		NA 🗌	
5. Sample(s) in proper c	container(s)?		Yes		No			
6. Sufficient sample volu	me for indicated test(s)	?	Yes		No			
7. Are samples (except \	/OA and ONG) properly	preserved?	Yes		No			
8. Was preservative add	ed to bottles?		Yes		No	~	NA 🗌	
9. Received at least 1 via			Yes		No [NA 🔽	/
0. Were any sample con	tainers received broken	?	Yes		No		# of preserved	
1. Does paperwork matc (Note discrepancies or			Yes		No [bottles checked for pH: (<2 or >12 u	-last sale b
2. Are matrices correctly		ustody?	Yes		No [Adjusted?	mess noted)
3. Is it clear what analyse			Yes		No [/	
 Were all holding times (If no, notify customer 	able to be met? for authorization.)		Yes		No [Checked by: TMC	2/24/22
pecial Handling (if					/			
5. Was client notified of	all discrepancies with th	is order?	Yes		No		NA 🔽	
Person Notified:		Date:				-		
By Whom:	1	Via:	🗌 eMa	ail 🗌 Pho	ne 🔲 I	Fax	In Person	
Regarding: Client Instruction	ns:							
6. Additional remarks:								
7. <u>Cooler Information</u>								
Cooler No Temp 1 1.4	°C Condition Sea Good	I Intact Seal No	Seal Da	ate Sig	gned By	у		

Page 1 of 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	PAHs by 8310 or 82705IMS ACRA 8 Metals Si)F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 3270 (Semi-VOA) fotal Coliform (Present/Absent) fotal Coliform (Present/Absent)		Direct bill Eog
HALL ANAL ANAL ANW.hall 4901 Hawkins NE - Tel. 505-345-3975 AI	BTEX/ MTBE / TMB's (8021) BDB (Method 504.1) EDB (Method 504.1)		Remarks: Di re
pipeline - 02	Peppin urttzur es DNO gcFi: 1.5 -0.1 = 1.4 (°C) iervative HEAL No.	100 003 003	Date Time 2 13 12 110 Date Time 5:00 5:00
n FP	Type		Via: Viai Viai
Project Name: Dayton Project #: 22E-00	Project Manager: M 0 M CA Sampler: CA On Ice: R V Cooler Temp(includin Cooler Temp(includin Cooler Temp(includin	4 035r	Received by:
t: EOCA 19 Address: DN 行ん	 Level 4 (Full Validation) Az Compliance Other Matrix Sample Name 	& WS22-01 0-4' WS22-03 0-4' WS22-04 0-4'	. ver
		lios soit	Relinquished by: Relinquished by:
Client: EのCA	email or Fax#: QA/QC Package: Standard Accreditation: NELAC DEDD (Type) Date Time	9:45	:: Time: Time:
Client: Mailing A	email or Fa QA/QC Pac Accreditation Date Tin Date Tin	2/27	Date: Date: N322

Dayton FP Battery Closure Report #nJMW1317739925



September 27, 2022

Appendix G Disposal Manifest Summaries

energy opportunity growth





R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

Bill To YATES 105 SOUTH 4TH STREET ARTESIA, NM 88210-2177

Invoice

Date: 10/7/2016 Invoice #: C148987

Terms: Generator: Lease: Well: Rig: PO: Memo:

Due Upon Receipt YATES DAYTON FP BATTERY NON-DRILLING

205 0750

Item Qty Desc Price Amount Ticket Date Manifest # Contaminated Soil (RCRA 3rd Party # Co. Man **Trucking Co** 20.00 774200 10/4/2016 Exempt) 2807 CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES Exempt) 774316 10/5/2016 ŇΑ CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 774319 10/5/2016 Exempt) NÄ CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 774320 10/5/2016 Exempt) NĀ CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 4321 10/5/2016 Exempt) 346 CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 4322 10/5/2016 Exempt) ŇĂ CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 774325 Exempt) 10/5/2016 NA CHASE TRUCKING & SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 74326 10/5/2016 Exempt) NA CHASE TRUCKING 8 SETTLE CONTRACTING Contaminated Soil (RCRA 20.00 SERVICES 74357 Exempt) 10/5/2016 346 CHASE TRUCKING & SETTLE CONTRACTING SERVICES

TO AVOID DISRUPTION IN SERVICE, PLEASE PAY IMMEDIATELY.

For wire instructions, contact your Account Executive.

Received by OCD: 9/28/2022 1:50:54 PM



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

Bill To

Invoice

Date:10/7/2016Invoice #:C148987

Terms: Generator: Lease: Well: Rig: PO: Memo: Due Upon Receipt YATES DAYTON FP BATTERY

NON-DRILLING 205 0750

	H 4TH STREET NM 88210-2177					
Contaminated Soil (RCRA Exempt)	20.00	77438	58 10/5/2016	NA	CHASE SETTLE	TRUCKING & CONTRACTING SERVICES
Contaminated Soil (RCRA Exempt)	20.00	77433	59 10/5/2016	2237	CHASE SETTLE	TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77436	60 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soll (RCRA Exempt)	20.00	77436	32 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77436	36 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soll (RCRA Exempt)	20.00	77438	38 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77438	10/5/2016	NA	CHASE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77439	0 10/5/2016	NA	CHASE	SERVICES TRUCKING &
Contaminated Soil (RCRA Exempt)	20.00	77439	1 10/5/2016	NA	SETTLE CHASE	CONTRACTING SERVICES TRUCKING &
Contaminated Soil (RCRA Exempt)	20.00	77439	2 10/5/2016	NA	SETTLE CHASE	CONTRACTING SERVICES TRUCKING &
Contaminated Soil (RCRA Exempt)	20.00	77441	4 10/5/2016	NA	SETTLE CHASE	CONTRACTING SERVICES TRUCKING &
Contaminated Soil (RCRA	20.00	77441	6 10/5/2016	NA	SETTLE CHASE	CONTRACTING SERVICES TRUCKING &
Exempt) Contaminated Soil (RCRA	20.00	77442		NA	SETTLE	CONTRACTING SERVICES
Exempt) Contaminated Soli (RCRA	20.00				CHASE SETTLE	TRUCKING & CONTRACTING SERVICES
Exempt) Contaminated Soil (RCRA		77442		NA	CHASE SETTLE	TRUCKING & CONTRACTING SERVICES
Exempt)	20.00	77442	4 10/5/2016	NA	CHASE SETTLE	TRUCKING & CONTRACTING SERVICES
Contaminated Soil (RCRA Exempt)	20.00	77442	5 10/5/2016	NÁ	CHASE SETTLE	TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	774448	6 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77444	7 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	774448	3 10/5/2016	346	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
Contaminated Soil (RCRA Exempt)	20.00	77444\$	9 10/5/2016	NA	CHASE SETTLE	SERVICES TRUCKING & CONTRACTING
		······································				SERVICES

TO AVOID DISRUPTION IN SERVICE, PLEASE PAY IMMEDIATELY.

For wire instructions, contact your Account Executive. Released to Imaging: 2/13/2023 1:01:30 PM

Received by OCD: 9/28/2022 1:50:54 PM	Invoice		Page 116 of 120
ENVIRONMENTAL SOLUTIONS	Date: Invoice #:	10/7/2016 C148987	
R360 Environmental Solutions, LLC Permian Basin Region P.O. Box 3452 Hobbs, NM 88241	Terms: Generator: Lease: Well: Rig: PO: Memo:	Due Upon Receipt YATES DAYTON FP BATTERY NON-DRILLING 205 0750	
Bill To YATES 105 SOUTH 4TH STREET ARTESIA, NM 88210-2177 Contaminated Soli (RCRA 20.00 Exempt)	9 10/6/2016 NA	CHASE SETTLE	TRUCKING & CONTRACTING
Please Remit To: R360-Permian Basin Region P.O.Box 671798 Dallas, TX 75267-1798 575-393-1079 (O); 575-393-3615(F)	NM Sales	Subtotal: Tax (6.8125%): Total:	SERVICES S

Summary of Products & Services

Product	Price	Quantity	Unit	Extended Price
Contaminated Soil (RCRA Exempt)		600.00	yards	
Sales Tax (NM)	\$	1.00	each	

EOG Resources Weights Statement - Total Received

	Manifest				
Receive Date	Number	Lease Name		Weight (lbs.)	Weight (Tons)
2/14/2022	150351	Dayton FP Pipeline		37,840	18.92
2/15/2022	150407	Dayton FP Pipeline		117,920	58.96
2/15/2022	150408	Dayton FP Pipeline		119,640	59.82
2/15/2022	150409	Dayton FP Pipeline		114,440	57.22
2/16/2022	150483	Dayton FP Pipeline		115,520	57.76
2/16/2022	150484	Dayton FP Pipeline		115,900	57.95
2/16/2022	150485	Dayton FP Pipeline		116,300	58.15
2/17/2022	150549	Dayton FP Pipeline		114,740	57.37
2/17/2022	150550	Dayton FP Pipeline		115,940	57.97
2/17/2022	150551	Dayton FP Pipeline		119,320	59.66
2/17/2022	150552	Dayton FP Pipeline		81,800	40.90
2/17/2022	150553	Dayton FP Pipeline		122,720	61.36
			TOTALS:	1,292,080	646.04
				lbs.	Tons

Lea Land Landfill New Mexico Mile Market # 64 US Highway 62/180 30 miles East of Carlsbad, NM * (505) 887-4048

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EOG Resources Weights Statement - Total Received

	Manifest			
Receive Date	Number	Lease Name	Weight (lbs.)	Weight (Tons)
2/18/2022	150611	Dayton Pipeline	118,680	59.34
2/18/2022	150612	Dayton Pipeline	115,940	57.97
2/18/2022	150613	Dayton Pipeline	115,720	57.86
2/18/2022	150614	Dayton Pipeline	123,040	61.52
2/18/2022	150615	Dayton Pipeline	109,280	54.64
2/18/2022	150616	Dayton Pipeline	106,560	53.28
2/18/2022	150617	Dayton Pipeline	117,800	58.90
2/18/2022	150618	Dayton Pipeline	115,080	57.54
2/18/2022	150619	Dayton Pipeline	106,440	53.22
2/18/2022	150620	Dayton Pipeline	115,160	57.58
2/21/2022	150668	Dayton Pipeline	110,380	55.19
2/21/2022	150669	Dayton Pipeline	94,280	47.14
2/21/2022	150681	Dayton Pipeline	41,580	20.79
2/22/2022	150746	Dayton Pipeline	114,980	57.49
2/22/2022	150747	Dayton Pipeline	111,620	55.81
2/23/2022	150808	Dayton Pipeline	115,240	57.62
2/23/2022	150819	Dayton Pipeline	65,200	32.60
2/24/2022	150865	Dayton Pipeline	127,680	63.84
2/24/2022	150866	Dayton Pipeline	109,840	54.92
		TOTALS	: 2,034,500	1,017.25

2,034,500	1,017.2
lbs.	Tons

Lea Land Landfill New Mexico Mile Market # 64 US Highway 62/180 30 miles East of Carlsbad, NM * (505) 887-4048

Hall, Brittany, EMNRD

From:	Bratcher, Michael, EMNRD
Sent:	Monday, February 13, 2023 11:21 AM
То:	Hall, Brittany, EMNRD
Subject:	RE: nJMW1317739925 (Application ID 147016)

Agreed as stated.

Thanks,

Mike Bratcher • Incident Supervisor Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave | Artesia, NM 88210 (575) 626-0857 | mike.bratcher@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, February 13, 2023 11:11 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: nJMW1317739925 (Application ID 147016)

Mike,

Based on correspondence between you and I on 2/10/2013 about the above referenced incident # and associated application ID, we are in agreement that this incident can be closed based on the information provided in the report.

Thank you,

Brittany Hall • Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | <u>Brittany.Hall@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	147016
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bhall	None	2/13/2023

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Action 147016