

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
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

OIL CONS. DIV DIST. 3

FEB 02 2018

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Hilcorp Energy Company	Contact Lindsay Dumas
Address 1111 Travis St. Houston, TX 77002	Telephone No. (281)794-9159
Facility Name: SJ 30-6 #459	Facility Type: Gas

Surface Owner Federal	Mineral Owner Federal	API No. 3003924289
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LOCATION OF RELEASE

Unit Letter L	Section 20	Township 30N	Range 06W	Feet from the 1490	North/South Line South	Feet from the 1188	East/West Line West	County Rio Arriba
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Latitude 36.7949753 Longitude -107.4912415

NATURE OF RELEASE

Type of Release Gas	Volume of Release Unknown	Volume Recovered None
Source of Release buried piping from separator	Date and Hour of Occurrence 12/5/2017 11:00am	Date and Hour of Discovery 12/5/2017 11:00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields, NMOCD and Whitney Thomas, BLM-FFO	
By Whom? Lisa Hunter	Date and Hour left voicemail @ 2:50pm 12/6/17 and email @ 2:52pm 12/6/17	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

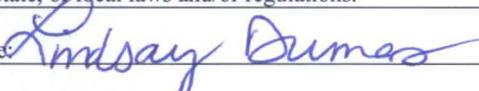
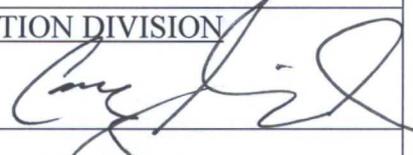
Describe Cause of Problem and Remedial Action Taken.*

The release of an unknown volume of gas ignited and caused a small flash fire in the insulation on the separator while the Operator started the pumping unit and compressor. The fire was extinguished immediately and the well was shut in. Hilcorp investigated the source of the leak and found a leak in a buried line below the separator.

Describe Area Affected and Cleanup Action Taken.*

HEC trenched the line to make the repair, no stained soil was encountered during the process. A sample of soil was gathered for further testing. **Analytcs attached, no further action required.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 2/27/18	Expiration Date: (blank)
E-mail Address: Ldumas@hilcorp.com	Conditions of Approval: (blank)	Attached <input type="checkbox"/>
Date: 12/19/2017 Phone: (281)794-9159		

* Attach Additional Sheets If Necessary

#NUF 1734229687

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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 18, 2017

Lindsay Duman
HILCORP ENERGY
9A Road 5793
Farmington, NM 87401
TEL: (281) 794-9159
FAX

RE: SJ 30-6 459

OrderNo.: 1712638

Dear Lindsay Duman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/12/2017 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 #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: SJ 30-6 459

Project: SJ 30-6 459

Collection Date: 12/8/2017 2:25:00 PM

Lab ID: 1712638-001

Matrix: SOIL

Received Date: 12/12/2017 7:10:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: TOM
Diesel Range Organics (DRO)	100	9.2		mg/Kg	1	12/15/2017 12:48:23 PM
Motor Oil Range Organics (MRO)	160	46		mg/Kg	1	12/15/2017 12:48:23 PM
Surr: DNOP	78.0	70-130		%Rec	1	12/15/2017 12:48:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	5.9	4.7		mg/Kg	1	12/13/2017 9:38:28 PM
Surr: BFB	86.8	15-316		%Rec	1	12/13/2017 9:38:28 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.095		mg/Kg	1	12/13/2017 9:38:28 PM
Benzene	0.11	0.024		mg/Kg	1	12/13/2017 9:38:28 PM
Toluene	0.34	0.047		mg/Kg	1	12/13/2017 9:38:28 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/13/2017 9:38:28 PM
Xylenes, Total	0.38	0.095		mg/Kg	1	12/13/2017 9:38:28 PM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	12/13/2017 9:38:28 PM

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

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1712638
 18-Dec-17

Client: HILCORP ENERGY
Project: SJ 30-6 459

Sample ID	LCS-35492	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	35492	RunNo:	47770					
Prep Date:	12/13/2017	Analysis Date:	12/14/2017	SeqNo:	1528786	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.4	73.2	114			
Surr: DNOP	4.5		5.000		90.0	70	130			

Sample ID	MB-35492	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	35492	RunNo:	47770					
Prep Date:	12/13/2017	Analysis Date:	12/14/2017	SeqNo:	1528787	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.7	70	130			

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1712638
 18-Dec-17

Client: HILCORP ENERGY
Project: SJ 30-6 459

Sample ID MB-35455	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 35455		RunNo: 47743							
Prep Date: 12/12/2017	Analysis Date: 12/13/2017		SeqNo: 1526938				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.1	15	316			

Sample ID LCS-35455	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 35455		RunNo: 47743							
Prep Date: 12/12/2017	Analysis Date: 12/13/2017		SeqNo: 1526939				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	110	75.9	131			
Surr: BFB	1000		1000		101	15	316			

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1712638
 18-Dec-17

Client: HILCORP ENERGY
Project: SJ 30-6 459

Sample ID MB-35455	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 35455		RunNo: 47743							
Prep Date: 12/12/2017	Analysis Date: 12/13/2017		SeqNo: 1526967		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID LCS-35455	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 35455		RunNo: 47743							
Prep Date: 12/12/2017	Analysis Date: 12/13/2017		SeqNo: 1526968		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.92	0.10	1.000	0	91.5	70.1	121			
Benzene	0.93	0.025	1.000	0	93.1	77.3	128			
Toluene	0.95	0.050	1.000	0	95.4	79.2	125			
Ethylbenzene	0.94	0.050	1.000	0	94.3	80.7	127			
Xylenes, Total	2.9	0.10	3.000	0	95.9	81.6	129			
Surr: 4-Bromofluorobenzene	1.1		1.000		114	80	120			

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
 4901 Hawkins NE
 Albuquerque, NM 87109
 TEL: 505-345-3975 FAX: 505-345-4107
 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HILCORP ENERGY FAR

Work Order Number: 1712638

RcptNo: 1

Received By: Anne Thorne 12/12/2017 7:10:00 AM

Completed By: Sophia Campuzano 12/12/2017 9:37:27 AM

Reviewed By: ENM 12/12/17

Anne Thorne

Sophia Campuzano

Chain of Custody

1. Custody seals intact on sample bottles? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes No NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
6. Sample(s) in proper container(s)? Yes No
7. Sufficient sample volume for indicated test(s)? Yes No
8. Are samples (except VOA and ONG) properly preserved? Yes No
9. Was preservative added to bottles? Yes No NA
10. VOA vials have zero headspace? Yes No No VOA Vials
11. Were any sample containers received broken? Yes No
12. Does paperwork match bottle labels?
 (Note discrepancies on chain of custody) Yes No
13. Are matrices correctly identified on Chain of Custody? Yes No
14. Is it clear what analyses were requested? Yes No
15. Were all holding times able to be met?
 (If no, notify customer for authorization.) Yes No
- # of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

