

3R-1014

**Release Report/ General
Correspondence**

Williams RA

Date: Q1/Q2 2018

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: Trunk S	Facility Type: Pipeline

Surface Owner: Private	Mineral Owner	BLM Project No.
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LOCATION OF RELEASE

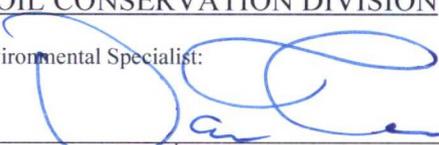
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	29	30N	6W					Rio Arriba

Latitude **36.78868** Longitude **-107.48055**

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 304.9 MCF Natural Gas No liquids	Volume Recovered: 0 MCF
Source of Release: Leaking nipple on ball valve at meter.	Date and Hour of Occurrence: 4/8/2018 @ 3:55 PM Final gas loss determined on 4/9/2018	Date and Hour of Discovery: 4/8/2018 @ 3:55 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? NA	NMOCD
By Whom? NA	Date and Hour: NA	APR 23 2018
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	DISTRICT III
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* A 3/4 inch nipple under the ball valve to the meter tube was found leaking. Leak was isolated and shut in, and valve has been replaced.		
Describe Area Affected and Cleanup Action Taken.* There was no soil impacts from this release.		

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 4/24/2018	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/18/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

NVE 1811432375

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: Bancos Compressor Station	Facility Type: Compressor Station
Surface Owner: NM State Lands Office	Mineral Owner
	BLM Project No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	36	32N	6W					Rio Arriba

Latitude 36.942492 Longitude -107.404880

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 18.394 MMCF Natural Gas No liquids	Volume Recovered: 0 MCF
Source of Release: 1" nipple on the discharge to the compressor broke.	Date and Hour of Occurrence: 4/9/2018 @ 9:30 AM Final gas loss determined on 4/10/2018	Date and Hour of Discovery: 4/9/2018 @ 9:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields and Cory Smith	
By Whom? Kijun Hong	Date and Hour: 4/9/2018 @ 3:56 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.* **NA**

Describe Cause of Problem and Remedial Action Taken.* **Broken 1" inch nipple on the discharge of the compressor unit. Leak was isolated and shut in, and nipple has been replaced.**

NMOCD

APR 23 2018

Describe Area Affected and Cleanup Action Taken.*
There was no soil impacts from this release.

DISTRICT III

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 4/25/2018	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/18/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

NVR 1811549550

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

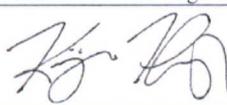
Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: Trunk L	Facility Type: Compressor Station
Surface Owner: BLM	Mineral Owner
BLM Project No. NMNM9355	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	22	28N	5W					Rio Arriba

Latitude **36.643012** Longitude **-107.354571**

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 1,200 MCF	Volume Recovered: 0 MCF
Source of Release: Discharge PSV	Date and Hour of Occurrence: 4/30/2018 @ 9:45 PM	Date and Hour of Discovery: 4/30/2018 @ 9:45 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields (by email)	
By Whom? Kijun Hong	Date and Hour: 4/30/2018@5:25 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Facility discharge pressure exceeded the set-point of the pressure safety valve (PSV) causing PSV activation and release of natural gas to atmosphere. The pressure exceedance was cause by a power outage at a downstream facility.		
Describe Area Affected and Cleanup Action Taken.* No liquids associated with the release. No soil impacts.		
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: Kijun Hong	Approved by Environmental Specialist:	
Title: Environmental Specialist	Approval Date: 5/14/18	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/10/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

NVF 1813434070

NMOCD

MAY 14 2018

DISTRICT III

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NMOCD
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Revised August 8, 2011
MAY 29 2018
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.
DISTRICT III

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: Lateral W-6 Pipeline	Facility Type: Pipeline
Surface Owner: Jicarilla	Mineral Owner
	BLM Project No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	33	26N	4W					Rio Arriba

Latitude **36.44230** Longitude **-107.26230**

NATURE OF RELEASE

Type of Release: Natural Gas and Pipeline Liquids	Volume of Release: 2.2 MCF Natural Gas	Volume Recovered: 0 MCF Natural Gas
	85 yards of impacted soil removed.	85 yards of impacted soil removed.
Source of Release: Pin hole leak in pipeline	Date and Hour of Occurrence: 4/27/2018 @ 12:00 PM	Date and Hour of Discovery: 4/27/2018 @ 12:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields	
By Whom? Kijun Hong	Date and Hour: Immediate notice was given on 5/11/2018 @ 10:36 AM when it was anticipated that more than 50 yards of impacted soil will be removed.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		

Describe Cause of Problem and Remedial Action Taken.*
Release caused by failure of the pipeline due to external corrosion. The section of pipe was shut in a locked out. During the replacement of bad pipe, historical impacts were encountered.

Describe Area Affected and Cleanup Action Taken.*
All impacted soil has been removed and backfilled with clean dirt. Please see confirmation sample results and Excavation and Sampling form attached.

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 6/22/18	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/23/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

NVF 1815828768

11

Remediation Excavation and Sampling Form

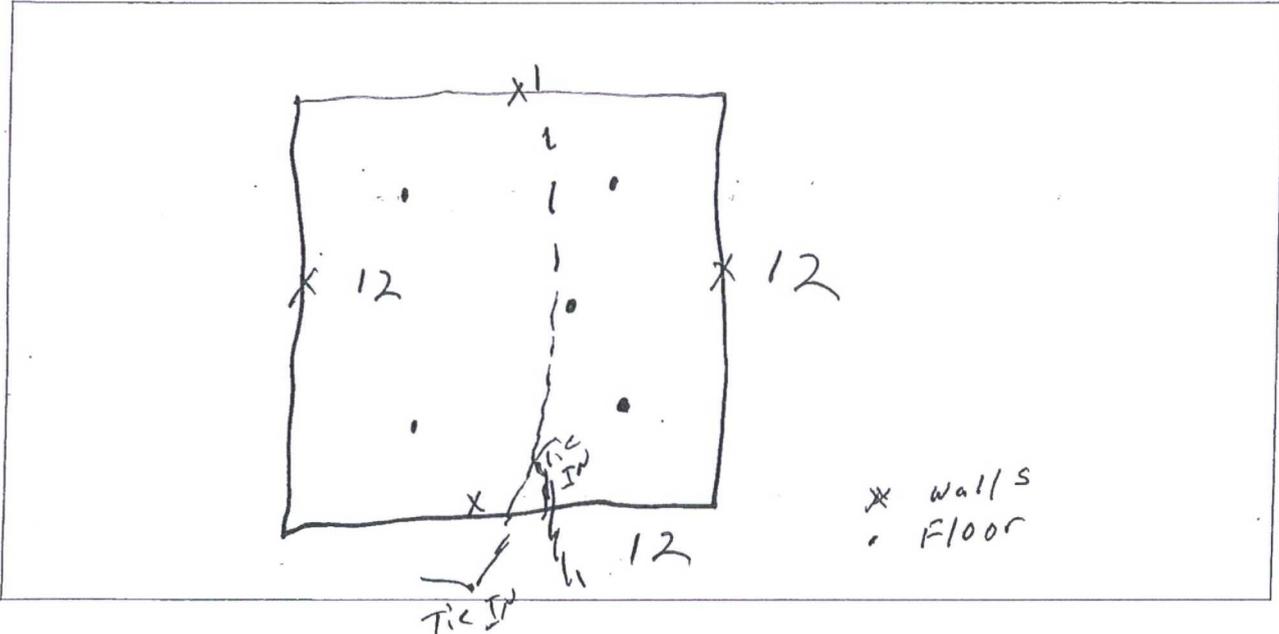
Site Name Lat W-6 crossover

Excavation Dimensions (feet)

12 Length 12 Width 12 Depth

Excavation Diagram and Sample Locations

(Depict notable site features, excavation extents, visual observations, sample locations, north arrow, etc.)



Sample Information

SIC EPO

OCD Witness Sampling Yes or No

Agency(s) Representative(s) Hobson sandoval

Sample ID	Sample Date	Type (Composite, Grab)	Location (Floor, Sidewall)	Comments
Lat W-6 crossover Side	5-15-18	Composite	sidewall	
Lat W-6 crossover Bottom	5-15-18	composite	Floor	



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

May 18, 2018

Kijun Hong
Williams Field Services
188 Co. Rd 4900
Bloomfield, NM 87413
TEL:
FAX

RE: Lat W 6 Crossover

OrderNo.: 1805851

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/16/2018 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 in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services
 Project: Lat W 6 Crossover
 Lab ID: 1805851-001

Client Sample ID: Lat W-6 X-Over Sidewalls
 Collection Date: 5/15/2018 11:20:00 AM
 Received Date: 5/16/2018 6:45:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	5/16/2018 1:32:52 PM	38151
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	17	10		mg/Kg	1	5/16/2018 11:44:53 AM	38140
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/16/2018 11:44:53 AM	38140
Surr: DNOP	101	70-130		%Rec	1	5/16/2018 11:44:53 AM	38140
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	4.8	4.5		mg/Kg	1	5/16/2018 9:43:52 AM	38114
Surr: BFB	119	15-316		%Rec	1	5/16/2018 9:43:52 AM	38114
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	5/16/2018 9:43:52 AM	38114
Toluene	ND	0.045		mg/Kg	1	5/16/2018 9:43:52 AM	38114
Ethylbenzene	ND	0.045		mg/Kg	1	5/16/2018 9:43:52 AM	38114
Xylenes, Total	0.22	0.089		mg/Kg	1	5/16/2018 9:43:52 AM	38114
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	5/16/2018 9:43:52 AM	38114

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services
Project: Lat W 6 Crossover
Lab ID: 1805851-002

Matrix: SOIL

Client Sample ID: Lat W-6 X-Over Bottom
Collection Date: 5/15/2018 11:30:00 AM
Received Date: 5/16/2018 6:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	5/16/2018 1:45:16 PM	38151
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/16/2018 12:07:04 PM	38140
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/16/2018 12:07:04 PM	38140
Surr: DNOP	100	70-130		%Rec	1	5/16/2018 12:07:04 PM	38140
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	10	4.7		mg/Kg	1	5/16/2018 10:07:17 AM	38114
Surr: BFB	101	15-316		%Rec	1	5/16/2018 10:07:17 AM	38114
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/16/2018 10:07:17 AM	38114
Toluene	0.45	0.047		mg/Kg	1	5/16/2018 10:07:17 AM	38114
Ethylbenzene	0.093	0.047		mg/Kg	1	5/16/2018 10:07:17 AM	38114
Xylenes, Total	1.4	0.094		mg/Kg	1	5/16/2018 10:07:17 AM	38114
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	5/16/2018 10:07:17 AM	38114

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 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
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1805851

18-May-18

Client: Williams Field Services

Project: Lat W 6 Crossover

Sample ID	MB-38151	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	38151	RunNo:	51317					
Prep Date:	5/16/2018	Analysis Date:	5/16/2018	SeqNo:	1669707	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-38151	SampType:	Ics	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	38151	RunNo:	51317					
Prep Date:	5/16/2018	Analysis Date:	5/16/2018	SeqNo:	1669708	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.9	90	110			

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#: 1805851

18-May-18

Client: Williams Field Services

Project: Lat W 6 Crossover

Sample ID	LCS-38140		SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	LCSS		Batch ID: 38140	RunNo: 51307						
Prep Date:	5/16/2018		Analysis Date: 5/16/2018	SeqNo: 1667893		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.9	70	130			
Surr: DNOP	4.4		5.000		88.8	70	130			

Sample ID	MB-38140		SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	PBS		Batch ID: 38140	RunNo: 51307						
Prep Date:	5/16/2018		Analysis Date: 5/16/2018	SeqNo: 1667894		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		102	70	130			

Sample ID	1805851-001AMS		SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	Lat W-6 X-Over Side		Batch ID: 38140	RunNo: 51307						
Prep Date:	5/16/2018		Analysis Date: 5/16/2018	SeqNo: 1669019		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	9.8	49.21	17.08	86.5	55.8	125			
Surr: DNOP	4.6		4.921		93.3	70	130			

Sample ID	1805851-001AMSD		SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	Lat W-6 X-Over Side		Batch ID: 38140	RunNo: 51307						
Prep Date:	5/16/2018		Analysis Date: 5/16/2018	SeqNo: 1669020		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	49.85	17.08	82.5	55.8	125	2.42	20	
Surr: DNOP	5.0		4.985		99.4	70	130	0	0	

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#: 1805851

18-May-18

Client: Williams Field Services

Project: Lat W 6 Crossover

Sample ID	MB-38114	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	38114	RunNo:	51311					
Prep Date:	5/15/2018	Analysis Date:	5/16/2018	SeqNo:	1669115	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	920		1000		92.2	15	316			

Sample ID	LCS-38114	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	38114	RunNo:	51311					
Prep Date:	5/15/2018	Analysis Date:	5/16/2018	SeqNo:	1669116	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	75.9	131			
Surr: BFB	1000		1000		102	15	316			

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#: 1805851

18-May-18

Client: Williams Field Services

Project: Lat W 6 Crossover

Sample ID	MB-38114	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	38114	RunNo:	51311					
Prep Date:	5/15/2018	Analysis Date:	5/16/2018	SeqNo:	1669133	Units:	mg/Kg			
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-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID	LCS-38114	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	38114	RunNo:	51311					
Prep Date:	5/15/2018	Analysis Date:	5/16/2018	SeqNo:	1669134	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.9	77.3	128			
Toluene	0.98	0.050	1.000	0	97.6	79.2	125			
Ethylbenzene	0.97	0.050	1.000	0	97.4	80.7	127			
Xylenes, Total	3.0	0.10	3.000	0	99.4	81.6	129			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1805851

RcptNo: 1

Received By: Anne Thorne 5/16/2018 6:45:00 AM

Anne Thorne

Completed By: Anne Thorne 5/16/2018 6:58:36 AM

Anne Thorne

Reviewed By: *IMO*
Subbed by: Ar 05/16/18

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Yes			

Chain-of-Custody Record

Client: WFS

Turn-Around Time: same day
 Standard Rush 5-16-18

Mailing Address: 1255 ARROYO DR
Bloomfield Nm 87413

Project Name: Let W-6 crossover

Phone #: 505-632-4475
 email or Fax#: Ki.W.N.Hong@williams.com

Project #:

QA/QC Package:
 Standard Level 4 (Full Validation)

Project Manager: Ki.W.N. Hong

Accreditation
 NELAP Other _____

Sampler: Margaret Killian
 On Ice: Yes No

EDD (Type) _____

Sample Temperature: _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride	Air Bubbles (Y or N)
5/15/18	1120	soil	Let W-6 X-over sidewalls	MicroHET 1-402	Cool	1805851 201	X	X										X	
5/15/18	1130	soil	Let W-6 X-over Bottom	1-402	Cool	202	X	X										X	

Date: 5/15/18 Time: 1717 Relinquished by: Margaret Killian
 Received by: Ann Wat Date: 5/15/18 Time: 1717

Date: 5/15/18 Time: 1816 Relinquished by: Christine Walker
 Received by: Ann Wat Date: 05/16/18 Time: 1645

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: Culpepper Martin 4B Dogleg	Facility Type: Pipeline

Surface Owner: Private	Mineral Owner	BLM Project No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	31N	12W					San Juan

Latitude 36.923156 Longitude -108.139248

NATURE OF RELEASE

Type of Release: Natural Gas and Pipeline Liquids	Volume of Release: 51.8 MCF Natural Gas; liquids unknown (TBD)	Volume Recovered: 0 MCF Natural Gas; liquids TBD
Source of Release: Pipeline	Date and Hour of Occurrence: 5/14/2018 @ 3:30 PM	Date and Hour of Discovery: 5/14/2018 @ 3:30 PM

Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? 
--	---

By Whom?	Date and Hour: 
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Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA 
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If a Watercourse was Impacted, Describe Fully.* NA

Describe Cause of Problem and Remedial Action Taken.*
Release caused by failure of the pipeline due to internal corrosion. Pipeline was immediately shut-in on the discovery date/time and subsequently repaired on 5/18/2018.

Describe Area Affected and Cleanup Action Taken.*
Soil remediation is scheduled to begin on 5/25/2018. OCD will be notified prior to collection of confirmation samples. A final report will be submitted with confirmation sample results.

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	
	Approved by Environmental Specialist: 	
Printed Name: Matt Webre	Approval Date: <u>5/31/2018</u>	Expiration Date:
Title: EH&S Supervisor	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: matt.webre@williams.com		
Date: 5/24/2018 Phone: (505) 632-4442		

* Attach Additional Sheets If Necessary

NVF1814950127

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: La Jara Compressor Station	Facility Type: Compressor Station

Surface Owner: BLM	Mineral Owner	BLM Project No. NMNM3969
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	17	30N	6W					Rio Arriba

Latitude **36.817541** Longitude **-107.491444**

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 110.37 MMCF Natural Gas No liquids	Volume Recovered: 0 MCF
Source of Release: Station ESD	Date and Hour of Occurrence: 5/30/2018 @ 5:53 PM	Date and Hour of Discovery: 5/30/2018 @ 5:53 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? NA	JUN 11 2018
By Whom? NA	Date and Hour: NA	DISTRICT III
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.* **NA**

Describe Cause of Problem and Remedial Action Taken.* **Both the primary and backup air compressors, which provide supplied air to the ESD valve, failed simultaneously on different codes. The North unit failed due to a bad solenoid, and the South unit failed due to a motor overload caused by purchased power outage. Both issues have been fixed.**

Describe Area Affected and Cleanup Action Taken.*
There were no soil impacts from this release.

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 6/11/18	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 6/4/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

#NCS1816334436

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District I
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Form C-141
Revised August 8, 2011

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: La Jara Compressor Station	Facility Type: Compressor Station

Surface Owner: BLM	Mineral Owner	BLM Project No. NMNM3969
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LOCATION OF RELEASE

Unit Letter D	Section 17	Township 30N	Range 6W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.817541 Longitude -107.491444

NATURE OF RELEASE

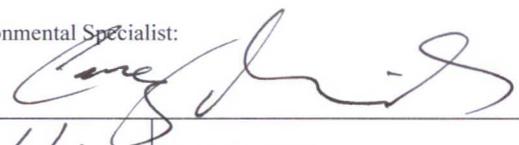
Type of Release: Natural Gas	Volume of Release: 110.37 MMCF Natural Gas No liquids	Volume Recovered: 0 MCF
Source of Release: Station ESD	Date and Hour of Occurrence: 5/14/2018 @ 8:06 AM	Date and Hour of Discovery: 5/14/2018 @ 8:06 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? NA	NMOCD
By Whom? NA	Date and Hour: NA	JUN 06 2018
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	DISTRICT III

If a Watercourse was Impacted, Describe Fully.* **NA**

Describe Cause of Problem and Remedial Action Taken.* **This is one of two events, the second occurring on 5/21 caused by the same issue. It was discovered after the 5/21 event that the ESD pneumatic air supply and the air supply for the pneumatic pig trolley for the pig loader come for the same header. It was found that the air supply regulator to this ESD valve was set at ~65 psig (actuator rated for 130 psig). When the pig launcher trolley was actuated it would deplete the air from the air header for a short time, and cause the ESD valve to fail open. Regulator to this vent valve has been raised to ~100 psig, and North Pipeline has been notified of the issue with air header and asked to go slower when loading pigs.**

Describe Area Affected and Cleanup Action Taken.*
There was no soil impacts from this release.

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 6/4/18	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/4/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

NCS 1816334810

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kijun Hong
Address: 1755 Arroyo Dr., Farmington, NM 87413	Telephone No.: (505) 632-4475
Facility Name: La Jara Compressor Station	Facility Type: Compressor Station

Surface Owner: BLM	Mineral Owner	BLM Project No. NMNM3969
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LOCATION OF RELEASE

Unit Letter D	Section 17	Township 30N	Range 6W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude **36.817541** Longitude **-107.491444**

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 110.37 MMCF Natural Gas No liquids	Volume Recovered: 0 MCF
Source of Release: Station ESD	Date and Hour of Occurrence: 5/21/2018 @ 7:59 AM	Date and Hour of Discovery: 5/21/2018 @ 7:59 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? NA	
By Whom? NA	Date and Hour: NA	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

NMOCD
 JUN 06 2018
 DISTRICT III

If a Watercourse was Impacted, Describe Fully.* **NA**

Describe Cause of Problem and Remedial Action Taken.* **This is the second of two events, the first occurring on 5/14 caused by the same issue. It was discovered after this event that the ESD pneumatic air supply and the air supply for the pneumatic pig trolley for the pig loader come for the same header. It was found that the air supply regulator to this ESD valve was set at ~65 psig (actuator rated for 130 psig). When the pig launcher trolley was actuated it would deplete the air from the air header for a short time, and cause the ESD valve to fail open. Regulator to this vent valve has been raised to ~100 psig, and North Pipeline has been notified of the issue with air header and asked to go slower when loading pigs.**

Describe Area Affected and Cleanup Action Taken.*
There were no soil impacts from this release.

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: Kijun Hong	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 6/11/18	Expiration Date:
E-mail Address: kijun.hong@williams.com	Conditions of Approval: 	Attached <input type="checkbox"/>
Date: 6/4/2018 Phone: (505) 632-4475		

* Attach Additional Sheets If Necessary

#NCS 181 633 5022

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