

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

Form C-141
Revised August 8, 2011

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

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	Dugan Production Corp.	Contact	Mike Sandoval
Address	P O Box 420, Farmington, NM 87499-0420	Telephone No.	505-326-4548
Facility Name	Sherman Edward #2B	Facility Type	Gas Well

Surface Owner	Federal	Mineral Owner	Federal	API No.	30-039-21411
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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
O	3	29N	5W	940	South	2070	East	Rio Arriba

Latitude 36.74979 Longitude 107.34227

NATURE OF RELEASE

Type of Release	Engine Oil	Volume of Release	Unknown	Volume Recovered	None
Source of Release	Compressor Engine	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	4-8-14 @ 0930
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Discovered by BLM		
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV DIST. 3
JUN 18 2014

Describe Cause of Problem and Remedial Action Taken.*

Compressor engine leaked oil on ground and left stain. Compressor leaks were repaired.

Describe Area Affected and Cleanup Action Taken.*

Oil stain was approximately 5' x 8' in diameter. More extensive contamination was discovered during clean up. All contaminated soil was removed and replaced with clean soil. Area was tested after excavation and found to be free of contamination (see attached test 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: <u>Mike Sandoval</u>		OIL CONSERVATION DIVISION	
Printed Name: Mike Sandoval		Approved by Environmental Specialist: <u>Jonathan D. Kelly</u>	
Title: Roustabout Foreman		Approval Date: <u>9/8/2014</u>	Expiration Date:
E-mail Address: mike.sandoval@duganproduction.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: June 17, 2014 Phone: 505-325-1821			

* Attach Additional Sheets If Necessary

NJK 1425148342

June 16, 2014

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: SHERMAN EDWARD #2B

Enclosed are the results of analyses for samples received by the laboratory on 05/30/14 10:30.

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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

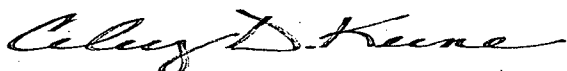
Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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
Lab Director/Quality Manager

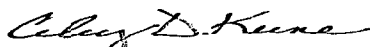
Analytical Results For:DUGAN PRODUCTION
P. O. BOX 420
FARMINGTON NM, 87499Project: SHERMAN EDWARD #2B
Project Number: NONE GIVEN
Project Manager: MIKE SANDOVAL
Fax To: (505) 327-4043Reported:
16-Jun-14 10:07

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W. WALL	H401664-01	Soil	29-May-14 11:20	30-May-14 10:30
N. WALL	H401664-02	Soil	29-May-14 11:25	30-May-14 10:30
E. WALL	H401664-03	Soil	29-May-14 11:30	30-May-14 10:30
S. WALL	H401664-04	Soil	29-May-14 11:35	30-May-14 10:30
FLOOR	H401664-05	Soil	29-May-14 11:40	30-May-14 10:30

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

W. WALL
H401664-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Toluene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total BTEX	ND		0.300	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	89.5-126		4060202	MS	05-Jun-14	8021B	

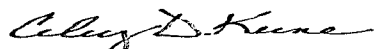
Petroleum Hydrocarbons by GC FID

GRO C6-C10	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
DRO >C10-C28	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
EXT DRO >C28-C35	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctane			104 %	65.2-140		4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctadecane			104 %	63.6-154		4060401	MS	04-Jun-14	8015B	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

N. WALL
H401664-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Toluene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total BTEX	ND		0.300	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	89.5-126		4060202	MS	05-Jun-14	8021B	

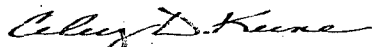
Petroleum Hydrocarbons by GC FID

GRO C6-C10	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
DRO >C10-C28	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
EXT DRO >C28-C35	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctane			92.8 %	65.2-140		4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	63.6-154		4060401	MS	04-Jun-14	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

E. WALL
H401664-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Toluene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total BTEX	ND		0.300	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %		89.5-126	4060202	MS	05-Jun-14	8021B	

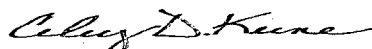
Petroleum Hydrocarbons by GC FID

GRO C6-C10	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
DRO >C10-C28	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
EXT DRO >C28-C35	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctane			114 %		65.2-140	4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctadecane			105 %		63.6-154	4060401	MS	04-Jun-14	8015B	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

 S. WALL
 H401664-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Toluene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total BTEX	ND		0.300	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	89.5-126		4060202	MS	05-Jun-14	8021B	

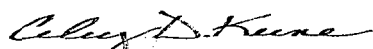
Petroleum Hydrocarbons by GC FID

GRO C6-C10	ND		10.0	mg/kg	1	4060401	MS	05-Jun-14	8015B	
DRO >C10-C28	ND		10.0	mg/kg	1	4060401	MS	05-Jun-14	8015B	
EXT DRO >C28-C35	ND		10.0	mg/kg	1	4060401	MS	05-Jun-14	8015B	
Surrogate: 1-Chlorooctane			96.8 %	65.2-140		4060401	MS	05-Jun-14	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	63.6-154		4060401	MS	05-Jun-14	8015B	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

FLOOR
H401664-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Toluene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Total BTEX	ND		0.300	mg/kg	50	4060202	MS	05-Jun-14	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	89.5-126		4060202	MS	05-Jun-14	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
DRO >C10-C28	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
EXT DRO >C28-C35	ND		10.0	mg/kg	1	4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctane			107 %	65.2-140		4060401	MS	04-Jun-14	8015B	
Surrogate: 1-Chlorooctadecane			106 %	63.6-154		4060401	MS	04-Jun-14	8015B	

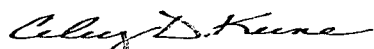
Green Analytical Laboratories
TCLP Metals by ICP

Arsenic	ND		0.100	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Barium	1.04		0.010	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Cadmium	ND		0.050	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Chromium	ND		0.050	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Lead	ND		0.100	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Selenium	ND		0.200	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	
Silver	ND		0.050	mg/L	1	B406122	JGS	13-Jun-14	EPA200.7/60 10 B	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DUGAN PRODUCTION
P. O. BOX 420
FARMINGTON NM, 87499

Project: SHERMAN EDWARD #2B
Project Number: NONE GIVEN
Project Manager: MIKE SANDOVAL
Fax To: (505) 327-4043

Reported:
16-Jun-14 10:07

FLOOR
H401664-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories

TCLP Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	B406123	JGS	13-Jun-14	245.1		
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

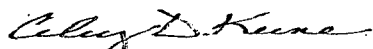
Volatile Organic Compounds by EPA Method 8021 - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4060202 - Volatiles										
Blank (4060202-BLK1)				Prepared & Analyzed: 04-Jun-14						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.0	89.5-126			
LCS (4060202-BS1)				Prepared: 04-Jun-14 Analyzed: 05-Jun-14						
Benzene	1.98	0.050	mg/kg	2.00		98.9	80.7-116			
Toluene	2.15	0.050	mg/kg	2.00		108	89.7-121			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	91.4-124			
Total Xylenes	6.09	0.150	mg/kg	6.00		101	93.4-130			
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	89.5-126			
LCS Dup (4060202-BSD1)				Prepared & Analyzed: 04-Jun-14						
Benzene	1.95	0.050	mg/kg	2.00		97.6	80.7-116	1.28	16.4	
Toluene	2.08	0.050	mg/kg	2.00		104	89.7-121	3.58	16.6	
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.3	91.4-124	2.80	16.1	
Total Xylenes	5.80	0.150	mg/kg	6.00		96.6	93.4-130	4.91	15.8	
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		97.9	89.5-126			

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* = Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

Petroleum Hydrocarbons by GC FID - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4060401 - General Prep - Organics
Blank (4060401-BLK1)

Prepared & Analyzed: 04-Jun-14

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.4		mg/kg	50.0		88.7	65.2-140			
Surrogate: 1-Chlorooctadecane	42.2		mg/kg	50.0		84.5	63.6-154			

LCS (4060401-BS1)

Prepared & Analyzed: 04-Jun-14

GRO C6-C10	174	10.0	mg/kg	200		87.2	66.4-124			
DRO >C10-C28	178	10.0	mg/kg	200		89.0	61.6-132			
Total TPH C6-C28	352	10.0	mg/kg	400		88.1	69.7-122			
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.7	65.2-140			
Surrogate: 1-Chlorooctadecane	40.9		mg/kg	50.0		81.8	63.6-154			

LCS Dup (4060401-BSD1)

Prepared & Analyzed: 04-Jun-14

GRO C6-C10	180	10.0	mg/kg	200		90.0	66.4-124	3.21	23.4	
DRO >C10-C28	192	10.0	mg/kg	200		95.9	61.6-132	7.42	23.1	
Total TPH C6-C28	372	10.0	mg/kg	400		93.0	69.7-122	5.36	20.6	
Surrogate: 1-Chlorooctane	43.8		mg/kg	50.0		87.5	65.2-140			
Surrogate: 1-Chlorooctadecane	42.9		mg/kg	50.0		85.8	63.6-154			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

TCLP Metals by ICP - Quality Control
Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406122 - EPA 3005
Blank (B406122-BLK2)

Prepared & Analyzed: 13-Jun-14

Lead	ND	0.100	mg/L							
Barium	0.029	0.010	mg/L							B1
Selenium	ND	0.200	mg/L							
Cadmium	ND	0.050	mg/L							
Silver	ND	0.050	mg/L							
Chromium	ND	0.050	mg/L							
Arsenic	ND	0.100	mg/L							

LCS (B406122-BS1)

Prepared & Analyzed: 13-Jun-14

Silver	0.092	0.050	mg/L	0.100		92.1	85-115			
Selenium	7.85	0.200	mg/L	8.00		98.1	85-115			
Lead	1.97	0.100	mg/L	2.00		98.6	85-115			
Arsenic	3.92	0.100	mg/L	4.00		98.0	85-115			
Chromium	1.96	0.050	mg/L	2.00		98.2	85-115			
Cadmium	1.84	0.050	mg/L	2.00		91.9	85-115			
Barium	1.89	0.010	mg/L	2.00		94.5	85-115			

LCS Dup (B406122-BSD1)

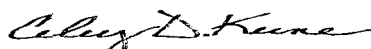
Prepared & Analyzed: 13-Jun-14

Lead	1.94	0.100	mg/L	2.00		97.0	85-115	1.64	20	
Arsenic	3.83	0.100	mg/L	4.00		95.7	85-115	2.32	20	
Cadmium	1.81	0.050	mg/L	2.00		90.6	85-115	1.43	20	
Selenium	7.70	0.200	mg/L	8.00		96.3	85-115	1.88	20	
Silver	0.091	0.050	mg/L	0.100		91.2	85-115	0.929	20	
Barium	1.86	0.010	mg/L	2.00		93.0	85-115	1.58	20	
Chromium	1.94	0.050	mg/L	2.00		97.2	85-115	1.05	20	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DUGAN PRODUCTION
 P. O. BOX 420
 FARMINGTON NM, 87499

 Project: SHERMAN EDWARD #2B
 Project Number: NONE GIVEN
 Project Manager: MIKE SANDOVAL
 Fax To: (505) 327-4043

 Reported:
 16-Jun-14 10:07

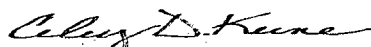
TCLP Mercury by CVAA - Quality Control
Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B406123 - EPA 245.1/7470									
Blank (B406123-BLK2)				Prepared & Analyzed: 13-Jun-14					
Mercury	ND	0.0002	mg/L						
LCS (B406123-BS1)				Prepared & Analyzed: 13-Jun-14					
Mercury	0.0020	0.0002	mg/L	0.00200		98.3	85-115		
LCS Dup (B406123-BSD1)				Prepared & Analyzed: 13-Jun-14					
Mercury	0.0020	0.0002	mg/L	0.00200		99.2	85-115	0.962	20

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Celey D. Keene, Lab Director/Quality Manager

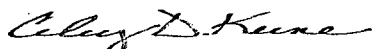
Notes and Definitions

B1	Target analyte detected in method blank at or above method reporting limit. Sample concentration found to be 10 times above the concentration found in the method blank or less than the reporting limit.
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

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: Dugan Production
 Contact: Mike Sandoval
 Address: _____
 Phone Number: 505-336-0929
 Email: _____

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# Around Compressor

Project Name: Sherman Edward

Table 1. - Matrix Type	
1 = Surface Water, 2 = Ground Water	
3 = Soil/Sediment, 4 = Prod.W., 5 = Oil	
6 = Waste, 7 = Other (Specify)	

FOR GAL USE ONLY

GAL JOB # _____

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Analyses Required		Comments
Address: 75 Suttle Street, Durango, CO 81303 www.greenanalytical.com				
Sample ID	Collection Date Time	Miscellaneous Collected by: (Init.) Matrix Type From Table 1 No. of Containers Sample Filtered ? Y/N	Preservative(s) Unpreserved (Ice Only) HNO3 HCL H2SO4 NAOH Other (Specify)	
H401664				3.7C on 11/14
1. W-wall	5-29-14 11:20			
2. N-wall	11:25			
3. E-wall	11:30			
4. S-wall	11:35			
5. Floor	5-29-14 11:40			
6.				
7.				
8.				
9.				
10.				

Relinquished by: <u>[Signature]</u>	Date: <u>5-29-14</u>	Time: <u>1:30</u>	Received by: <u>Charmaine Clam</u>	Date: <u>5/29/14</u>	Time: <u>1:30</u>
Relinquished by: <u>[Signature]</u>	Date: <u>5/29/14</u>	Time: <u>10:00</u>	Received by: <u>Ed Excess</u>	Date: <u>5/29/14</u>	Time: <u>16:00</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: <u>Wade Benson</u>	Date: <u>5/30/14</u>	Time: <u>10:30</u>

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

3.8°C