

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	Mark L. Shilder, Inc.	Contact	G. B. Gregson
Address	1313 Campbell Rd., Bldg. D, Houston, Texas 77055	Telephone No.	(713) 481-6487
Facility Name:	State 1-30	Facility Type	Tank Battery and Wellhead
Surface Owner:	Phillip Frier	Mineral Owner:	State of New Mexico
		API No.:	30-025-08441

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	30	12S	34E	660	North	1980	East	Lea

Latitude: 33°, 15', 18.47" North **Longitude:** 103°, 32', 53.27" West

NATURE OF RELEASE

Type of Release:	Crude Oil, Nat'l. Gas & Salt Water	Volume of Release:	25 BO/115 BW	Volume Recovered:	130 Bbls.
Source of Release:	Ruptured Heater-Treater & Ruptured pack-off at wellhead	Date and Hour of Occurrence:	12/06/2014 Unknown	Date and Hour of Discovery:	12/07/2014 1200 Hrs., +/-
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	M. Brown		
By Whom	E. Jaramillo, Contract Pumper	Date and Hour:	12/08/2014 1700 Hrs.		
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.*


Describe Cause of Problem and Remedial Action Taken.*

12/06/2014: Unexpected pressure increase at heater-treater caused rupture resulting in crude oil, salt water release inside firewall and 200 SF outside firewall.
12/08/2014: Unexpected blowout at wellhead due to faulty pack-off/gasket resulted in an uncontrolled wet gas release into atmosphere and surrounding pasture. Contract pumper notified operator. NM State Police and Lea Co. Emergency Management on location. Indian Fire & Safety 3-man crew dispatched with monitoring and breathing equipment. Evacuated nearby residents to Tatum. G. B. Gregson, Op. manager on Loc.
12/09/2014: Dispatch Wild Well Control of Midland. Analyze blowout, plan "kill" procedure & schedule equipment for next morning.
12/10/2015: Wild Well Control pumped 400 Bbls. 10# brine down annulus to kill well (1.5 BPM @ 400#). Released Indian Fire & Safety. Met Mr. P. Frier, landowner/rancher to discuss "blowout" and future corrective action.

Describe Area Affected and Cleanup Action Taken.* Approx. 25-acres of ranch land affected by wet gas release. 0.33 acre area outside firewall and a 0.20 acre area surrounding the wellhead were affected by crude oil. Both release sites were initially delineated using onsite visual reconnaissance and soil sample collection by an independent environmental contractor, Viper Products & Services. Soil sample analysis was conducted by Cardinal Labs. Those lands outside the immediate release areas 25-acres, +/-, operator coordinated with the landowner and took corrective action promote growth on native grasses on nearby pasture land (conducted & completed w/landowner's satisfaction). Jan. 2015 contaminated soils were removed by Liberty Maintenance Services to an authorized land farm, Gandy Marley, Inc. and replaced with caliche and top soil. Acquired/installed replacement separation vessels. Additional soil samples collection and analysis was conducted and further soil removal was undertaken, replacement with caliche and top soil followed. Remediation completed in Dec. 2105. Periodic reports were provided to Messrs. Oberding and Keyes.

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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:		
Printed Name: Gregory B. Gregson			
Title: Operations Manager	Approval Date:	Expiration Date:	
E-mail Address: ggregson@marklshidlerinc.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: 12/22/2015	Phone: (713) 481-6487		

* Attach Additional Sheets If Necessary

November 09, 2015

GREG GREGSON

MARK L. SHIDLER

1313 CAMPBELL ROAD BLDG. D

HOUSTON, TX 77055

RE: NM STATE I-30

Enclosed are the results of analyses for samples received by the laboratory on 11/04/15 14:00.

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	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. Keene

Lab Director/Quality Manager

Analytical Results For:

MARK L. SHIDLER
GREG GREGSON
1313 CAMPBELL ROAD BLDG. D
HOUSTON TX, 77055
Fax To:

Received: 11/04/2015
Reported: 11/09/2015
Project Name: NM STATE I-30
Project Number: NONE GIVEN
Project Location: LEA

Sampling Date: 11/03/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SE WELL HEAD (H502915-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/05/2015	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2015	ND	207	103	200	0.927	
DRO >C10-C28	99.1	10.0	11/05/2015	ND	211	105	200	0.0565	
Surrogate: 1-Chlorooctane	85.6 %	35-147							
Surrogate: 1-Chlorooctadecane	94.7 %	28-171							

Sample ID: NW WELL HEAD (H502915-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/05/2015	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2015	ND	207	103	200	0.927	
DRO >C10-C28	122	10.0	11/05/2015	ND	211	105	200	0.0565	
Surrogate: 1-Chlorooctane	83.9 %	35-147							
Surrogate: 1-Chlorooctadecane	93.3 %	28-171							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

MARK L. SHIDLER
GREG GREGSON
1313 CAMPBELL ROAD BLDG. D
HOUSTON TX, 77055
Fax To:

Received: 11/04/2015
Reported: 11/09/2015
Project Name: NM STATE I-30
Project Number: NONE GIVEN
Project Location: LEA

Sampling Date: 11/03/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SW WELL HEAD (H502915-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/05/2015	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2015	ND	207	103	200	0.927	
DRO >C10-C28	127	10.0	11/05/2015	ND	211	105	200	0.0565	
Surrogate: 1-Chlorooctane		70.9 %	35-147						
Surrogate: 1-Chlorooctadecane		79.4 %	28-171						

Sample ID: NE WELL HEAD (H502915-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/05/2015	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2015	ND	207	103	200	0.927	
DRO >C10-C28	161	10.0	11/05/2015	ND	211	105	200	0.0565	
Surrogate: 1-Chlorooctane		90.7 %	35-147						
Surrogate: 1-Chlorooctadecane		105 %	28-171						

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

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MARK L. SHIDLER, INC.
NM State No. 1-30
Lea Co., NM

Dec. 8, 2014 Release Area (Around Wellhead)

Further delineation of oil saturated soils north and south of Wellhead
occurring on Oct. 28 and 29, 2015

Northside



Southside





