

**Layla 27 SWD #1** 

Sec 27, T23S, R28E,

API # 30-015-22638

### **Corrective Action Plan**

Release Date: March 27, 2016

May 18, 2016

Prepared by:

Zack Thomas

Environmental Representative

Mewbourne Oil Company

701 S. Cecil

Hobbs, NM 88240

Mike Bratcher
Environmental Specialist, District 2
Oil Conservation Division, EMNRD
E-Mail: Mike.Bratcher@state.nm.us

RE: Layla 27 SWD #1 Remediation Work Plan

Mike,

The site is located southeast of Loving NM, in Eddy County. The leak site resulted from a produced water leak caused by a flange failure on the inlet side of an injection pump. A C-141 was submitted to the NMOCD on March 30, 2016.

### **Site Assessment**

On March 30, 2016, four surface and BGS (below ground surface) sample points of the leak area were obtained. Each sample was tested for chloride levels. With exception to Sample point 4, which cleaned up at 2 feet bgs, the first round of sampling did not fully delineate the site for SP1, SP2, and SP3. On April 5, 2016 a second round of samples were obtained. Those samples are also attached. After a number of field sampling (field samples also attached), we achieved full delineation for SP1 at 12' bgs, SP2 and SP3 at 15' bgs.

Mewbourne has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 129 foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life is anticipated. Ground water study attached.

### Conclusion

After careful review Mewbourne would like to propose the following:

Excavate entire pad area and stockpile clean material, excluding inside tank or separation berms on ours' or Chevrons side (green highlighted areas), to 4'bgs

and install 20 mil poly liner to entire area including leak area. In the areas of SP1, SP2, SP3, and SP4 (blue highlighted area) excavate the top 1' bgs and haul to disposal. After top foot is hauled off we propose to excavate down to 4', install liner (red highlighted area), and then blend contaminated leak area material with clean caliche then backfill. The poly liner along with berms around the pad will prevent any further migration of chlorides both above and below liner. Installing liner to entire pad will prevent any further pollution at this site.

Please feel free to contact me with any questions concerning this remediation closure request.

Sincerely,

**Zack Thomas** 

**Environmental Representative** 

Mewbourne Oil Company

701 S. Cecil

Hobbs, NM 88240

Fax: (575) 393-7259

Office: (575) 393-5905 Mobile: (575) 602-2188

Email: zthomas@mewbourne.com



### **Layla 27 SWD #1**

04/15/2016

Blade Services was on site to sample over the spill area. Field samples will be obtained to determine Chloride content.

Sample Points	Field Chlorides
SP #1 1'	1,850
SP #1 2'	2000
SP #1 3'	2300
SP #1 9'	650
SP #1 10'	500
SP #1 12'	250

Sample Points	Field Chlorides
SP #2 4'	1,700
SP #2 5'	1,000
SP #2 6'	1,100
SP #2 8'	800
SP #2 10'	600
SP #2 12'	500
SP #2 15'	250

Sample Points	Field Chlorides
SP #3 4'	2,050
SP #3 5'	900
SP #3 6'	500
SP #3 9'	800
SP #3 10'	625
SP #3 12'	550
SP #3 15'	100

After each sample point it is determined that the vertical extent had been determined between 12'-15' below grade surface.



April 04, 2016

ZACK THOMAS
MEWBOURNE OIL COMPANY
P. O. BOX 5270
HOBBS, NM 88240

RE: LAYLA 27 SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 03/30/16 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited certif.html.

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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.

Celeg D. Keene

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



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To:

(575) 937-6252

Received:

03/30/2016

Sampling Date:

03/30/2016

Reported:

04/04/2016

Sampling Type:

Soil

Project Name:

LAYLA 27 SWD #1

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN

NOT GIVEN

Sample Received By:

BS

BS

432

Jodi Henson

### Sample ID: SP 1 @ SURFACE (H600673-01)

Chloride,	SM4500CI-B
-----------	------------

mg/kg

8480

Result

Analyzed By: HM

Analyte

Chloride

Result Reporting Limit

Analyzed 03/31/2016

Method Blank
ND

Method Blank

ND

432 108

% Recovery

RPD 3.77 Qualifier

Sample ID: SP 1 @ 1' (H600673-02)

Chloride, S	SM4500Cl-B
-------------	------------

Analyte

Analyte

g/kg Ana

16.0

Reporting Limit

16.0

Reporting Limit

Analyzed By: HM

True Value QC

400

True Value QC

400

Chloride 1880

Sample ID: SP 2 @ SURFACE (H600673-03)
Chloride, SM4500Cl-B mg/kg

Analyzed By: HM

Allaryze

Analyzed

03/31/2016

Analyzed

Method Blank

RPD

3.77

RPD

3.77

Qualifier

Chloride

Result

16.0 03/31/2016

ND

BS 432 % Recovery 108

% Recovery

108

True Value QC

400

Qualifier

Sample ID: SP 2 @ 1' (H600673-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte

Chloride

Result

Reporting Limit
16.0 0

Analyzed 03/31/2016

Method Blank
ND

BS 432 % Recovery

True Value QC 400 RPD 3.77 Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received: 03/30/2016

Reported: 04/04/2016

Project Name: LAYLA 27 SWD #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/30/2016

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

### Sample ID: SP 3 @ SURFACE (H600673-05)

Qualifier
Qualifier
Qualifier
Qualifier
•
Qualifier

Cardinal Laboratories \*=Accredited Analyte

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Celey T. Frenze



### **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

Cardinal Laboratories \*=Accredited Analyte

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Celeg Titrena



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Mon ibourne	BILL 1	70 ANALYSIS REQUEST
200	P.O. #:	
Address:	Company:	
City: State:	Zip: Attn:	
Phone 非 Fax 非:	Address:	
Project #: Project Owner:	ner: City:	
ame:	State: Zip:	
Project Location: Lavia 27 500 #1	Phone #:	
7064 Tr	Fax#:	
	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER:	DATE TIME
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Relinquished By: Date: Time:	Received By: Hensen	Phone Result:
Delivered By: (Circle One)	Sample Condition CHECKED B	DBY:



April 11, 2016

ZACK THOMAS
MEWBOURNE OIL COMPANY
P. O. BOX 5270
HOBBS, NM 88240

RE: LAYLA 27 SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/06/16 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

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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.

Celeg D. Keena

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



MEWBOURNE OIL COMPANY **ZACK THOMAS** P. O. BOX 5270 HOBBS NM, 88240 (575) 937-6252

Fax To:

Received:

04/06/2016

Sampling Date:

04/05/2016

Reported:

04/11/2016

Sampling Type:

Soil

Project Name:

LAYLA 27 SWD #1

Sampling Condition:

\*\* (See Notes)

Project Number:

Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

### Sample ID: SP 1 2' BGS (H600726-01)

Chloride,	SM4500CI-B	
-----------	------------	--

mg/kg

Analyzed By: AP

Analyzed

04/07/2016

Analyzed

Analyzed

04/07/2016

Analyte

Result

Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

Method Blank

BS

432

% Recovery 108

True Value QC

400

RPD

3.77

Sample ID: SP 1 3' BGS (H600726-02)

Chloride, SM4500Cl-B
----------------------

Analyte

mg/kg

Analyzed By: AP

ND

% Recovery

Qualifier

Qualifier

Chloride

Chloride

Chloride

Result 2320

Result

2880

2040

16.0 04/07/2016 Method Blank ND

Method Blank

ND

Method Blank

BS 432

BS

432

108

True Value QC 400

RPD 3.77

Sample ID: SP 2 2' BGS (H600726-03)

Chloride, SM4500Cl-B

Analyzed By: AP

% Recovery

108

% Recovery

RPD

Qualifier

Sample ID: SP 2 3' BGS (H600726-04)

Analyte

Analyte

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

True Value QC

400

3.77

Qualifier

Chloride

Result 2400 Reporting Limit 16.0

Analyzed 04/07/2016

ND

BS 432

108

400

True Value QC

RPD 3.77

Cardinal Laboratories

\*=Accredited Analyte

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Celeg Thema-

Celey D. Keene, Lab Director/Quality Manager



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To:

(575) 937-6252

Received:

04/06/2016

Reported:

04/11/2016

Project Name: Project Number: LAYLA 27 SWD #1 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

04/05/2016

Sampling Type:

Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

### Sample ID: SP 2 4' BGS (H600726-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	04/07/2016	ND	432	108	400	3.77	
Sample ID: SP 3 2' BGS (H6	500726-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	04/07/2016	ND	432	108	400	3.77	
Sample ID: SP 3 3' BGS (H6	500726-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	04/07/2016	ND	432	108	400	3.77	
Sample ID: SP 3 4' BGS (H6	500726-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/07/2016	ND	432	108	400	3.77	
Sample ID: BACKGROUND S	SURFACE (H	600726-13)							
Chloride, SM4500CI-B	mg,	•	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/07/2016	ND	416	104	400	0.00	

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\*=Accredited Analyte

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Celey L. Keine



### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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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Celeg T. trens



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Me Chourne	BILL TO	ANALYSIS REQUEST
Project Manager: Zach Thomas	P.O. #:	- 1
Address:	Company:	
City: State:	Zip: Attn:	
Phone #: Fax #:	Address:	
	City:	
Project Name: Cayla 27 SWD #1		
	Phone #:	
Sampler Name: Lach Thomas	,	
¥CH LAS BSU BST ¥C≠	MATRIX	
npla	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER	TME
1.95	1 1	\\ \tag{\chi}
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502		
2000		
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melyaes. All dams industry troop for egygence and any other cause whatsoever shall be deemed where unless mean industry to cause the regularization and assess any companies of the paykable service. In order shall be able for noderation consequential amages, including whole immission basess interactions last of loss of bods nouncing other its subsidiaries.	uny aren'ny faritr'i Robert Community and recept by Cardinal within 30 days also proper Le dermed wared unless made in waring and recept by Cardinal within 30 days also compute The Cardinal Community and the Cardinal Cardina Cardina Card	percolate to the common of the special ending of the special endin
Relinquished By:  Card Date:  Card By:  Date:  Date:	endon	Phone Result:
Delivered By: (Circle One)		
	Cool Intact (must	
Sampler - UPS - Bus - Other:	71.60 PARTING	



April 28, 2016

ZACK THOMAS
MEWBOURNE OIL COMPANY
P. O. BOX 5270
HOBBS, NM 88240

RE: LAYLA 27 SWD #1

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Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

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Regulated VOCs (V1, V2, V3)

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Celeg D. Keine

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Sincerely,

Celey D. Keene

Lab Director/Quality Manager



MEWBOURNE OIL COMPANY

**ZACK THOMAS** P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

04/21/2016

04/21/2016

Reported:

04/28/2016

Sampling Type: Soil

Project Name:

**LAYLA 27 SWD #1** 

Sampling Condition:

\*\* (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Sampling Date:

Jodi Henson

Project Location:

**NOT GIVEN** 

### Sample ID: SP #1 - 12' BGS (H600869-01)

Chloride,	SM4500CI-B
-----------	------------

Chloride

Chloride

mg/kg

Analyzed By: AP

Analyte

Reporting Limit

16.0

Reporting Limit

16.0

Result

256

Result

272

Analyzed

04/26/2016

Analyzed

04/26/2016

Method Blank ND

BS 416

BS

416

% Recovery 104

True Value QC 400

Qualifier

Qualifier

Qualifier

3.92

RPD

RPD

3.92

Sample ID: SP #2 - 15' BGS (H600869-02)

Chloride, SM4500CI-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

ND

% Recovery

104

True Value QC

400

Sample ID: SP #3 - 15' BGS (H600869-03) Chloride, SM4500Cl-B

Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 04/26/2016 16.0 ND 416 104 400 3.92

Cardinal Laboratories

\*=Accredited Analyte

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Celeg L. Keene

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

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recovery.

ND Analyte NOT DETECTED at or above the reporting limit

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Cardinal Laboratories

\*=Accredited Analyte

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Celeg T. Kuna



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

(575) 393-2326 FAX (5/5) 393-24/0	X (5/5) 353-24/0		ANALYSIS DECLIEST
Company Name: IVIEW TOWNE	au	BILL TO	ANALISIS
oroject Manager: Zach T	Thomas	P.O. #:	
		Company:	
City:	State: Zip:	Attn:	
Phone #:	Fax #:	Address:	
• • •	Project Owner:	City:	
ame:	nu a 275WD # 1	State: Zip:	
ä		Phone #:	
	Rick Navariette	Fax#:	
٦	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	
2 50 #1	# C V		
THEASE NOTE: THOSE OF THE CONTROL OF THE	salepages in their despited to seque according to seque despite and sequences of the sequen	PEASE NOTE: Labority and Demander. Controlled Labority and clearly as expected for any clear and several shaped in controlled for the provided for a population of the applicable analysis and clear to a clear and clea	
Affaires or successions arrang out of or subset in the partitions.  Relinquished By:  PMW	Time: 190 Cardinates of water to be control of the	By: Phone Result: Yes Phone Result: Yes Result: Yes REMARKS:	No Add'l Phone #: No Add'l Fax #:
Relinquished By:	Date: Received By:	Zack Ser	Rode services notinail,
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	24.4° Sample Condition Cool Intact Cool In	CHECKED BY:	wind as per Each. 4/28/14 Ch
	ŀ		

+ Cardinal cannot accept verbal changes. Please fax written changes to (\$75) 3936326



## New Mexico Office of the State Engineer

# Wells with Well Log Information

	License Number 122	171	1400	1690	
(‡)	WellWaterDriller11718HOWARD HEMLER	40 JOLLY, J.R.	75 MARK HAMMOND	10 MALEY, JASON	
(in feet)	Depth Depth Well Water 117 18	115	115	171	
	Log File Y Start Date Finish Date Date 3572022*	03/20/1955 03/22/1955 04/07/1955	3572162 🜎 10/17/2009 10/25/2009 10/26/2009	3570929 🌎 04/12/2014 04/13/2014 08/13/2014	
	<b>Start Date</b> 08/11/1952	3/20/1955	10/17/2009	04/12/2014	
			-	•	
in meters)	Y 3572022*	3572126*	3572162	3570929	
SW 4=SE) t to largest) (NAD83 UTM in meters)	X 586483	586986	587527	586321	
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)	Code Subbasin County Source 6416 4 Sec Tws Rng C ED Shallow 1 1 27 23S 28E	Shallow 2 2 1 27 23S 28E	Shallow 1 2 2 27 23S 28E	Shallow 1 3 3 27 23S 28E	
arters (q	<b>%</b> &			S.	
anb)	Count	ED	ED	ED	
(R=POD has been replaced, O=orphaned, C=the file is closed)	POD Code Subbasin	O	O	O	
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	POD Number C 00340	C 00641	C 03432 POD1	C 03732 POD1	

Record Count: 4

PLSS Search:

Section(s): 27

Range: 28E Township: 23S

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, usability, or suitability for any particular purpose of the data.

4/18/16 1:36 PM

WELLS WITH WELL LOG INFORMATION

### NM OIL CONSERVATION

ARTESIA DISTRICT

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** 

MAR 3 0 2016

Form C-141 Revised August 8, 2011

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

Submit I Copy to appropriate District Office in RECEIVED coordance with 19.15.29 NMAC.

Release Notification and Corrective Action												
NABIU	0914	9408		,	. ,	<b>OPERA</b>	ГOR			Report	$\Box$ F	inal Report
Name of Co	mpany: N	lewbourne C		any /474	4	Contact: Za	ck Thomas			W.W.		
Address: PO Box 5270 Hobbs NM 88241 Telephone No. 575-393-5905												
Facility Name: Layla 27 SWD #1 Facility Type: SWD												
Surface Owner: Private   Mineral Owner: Fee   API No. 30-015-22638												
Unit Letter   Section   Township   Range   Feet from the   North/South Line   Feet from the   East/West Line   County												
Unit Letter H	Section 27	Township 23S	Range 28F.	Feet from the 1980	North/ North	South Line	Feet from the 990'	East/\ East	West Line	County Eddy		
Latitude_32.278038_ Longitude104.0698242_												
NATURE OF RELEASE												
Type of Release: Produced Water  Source of Release: Injection pump inlet						Volume of Release: Estimated 80 Volume Recorbbls. Volume Recorbbls.			bls)			
Source of Rei	lease: Injec	tion pump inle	et			Date and H 3-27-16	lour of Occurrence	e	Date and 3-27-16	Hour of Dis 10:00		
Was Immedia	te Notice (	Given?				If YES, To	Whom?		3-27-10	10.00	alli	
			Yes 🗵	No 🗌 Not Rec	quired	,						
By Whom?						Date and I						
Was a Watero	course Read					If YES, Vo	lume Impacting t	he Wat	ercourse.			
			Yes 🗵	l No								
If a Watercou	ırse was lm	pacted, Descr	ibe Fully.									
Describe Cau	sc of Proble	cm and Reme	dial Actio	n Taken.*			****					
Flange failure	e on inlet of	f injection pur	np.									
Describe Are	a Affected	and Cleanup A	Action Tal	ten.*			- 1			*******		***************************************
Affected area- Well pad surface East of tanks. Vacuum trucks were used to recover 80 bbls of produced water. Final remediation will be conducted in												
accordance with the NMOCD's Guidelines for Remediation of Spills, Leaks and Releases.												
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: 5. Thomas												
D. ( 1)	/U	)			1	Approved by	Environmental S	pecialis	" M	16	•	
Printed Name	Zack Ino	mas.										
Title: Environ	mental Rep	р				Approval Dat	e: 3/31/1L	- 1	Expiration	Date: 1	119	
- 11 1 1 1	387			*		(6)			5).			
E-mail Addre	ss: zthomas	s@mcwbourn	e.com			Conditions of			100 000	Attached		
Date: 3-30-16	;		P	hone: 575-602-218	38 F	Remediati	on per O.C.D	. Rule	s & Guid	ielines		
		3.11.11			- 2		EMEDIATION	PHO	PUSAL	NO	205	21.21
						ATER TH	AN: <i>5</i> /_	Lla	VIL		LKP	3626