

March 25, 2012

Mr. Mike Bratcher **NMOCD District 2** 811 S. 1<sup>st</sup> Street Artesia, NM 88210

RECEIVED

APR 26 2012

NMOCD ARTESIA

AMARILLO 921 North Bivins Amarillo. Texas 79107 Phone 806.467.0607 Fax 806.467.0622

ARTESIA

408 West Texas Ave. Artesia, New Mexico 88210 Phone 575.746.8768 Fax 575.746.8905

**AUSTIN** 

9ff West Anderson Lane Suite 202 Austin, Texas 78757 Phone 5f2.989.3428 Fax 5f2.989.3487

HOBBS

318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

MIDLAND

2901 State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

#### SAN ANTONIO

II Commercial Place Schertz, Texas 78!54 Phone 2IO.265.8025 Fax 2IO.568.2!9I

TULSA 525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742.0871 Fax 918.382.0232

ENVIRONMENTAL CONSULTING ENGINEERING

DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING Subject: Remediation and Closure Report

Devon Energy Corporation

Littlefield AB Federal No. 5 release API # 30-015-20001 – 2RP-988

Dear Mr. Bratcher,

Devon Energy Corporation has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Littlefield AB Federal No. 5 release. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

#### **Incident Date**

December 9, 2011

#### **Background Information**

The Littlefield AB Federal No. 5 is located approximately thirty-nine (39) miles east of Artesia, New Mexico. The legal location for the site is Section 22, Township 18 South and Range 31 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.72668 North and - 103.86361 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Kermit-Berino complex with 0 to 3 percent slopes, eroded. The local surface and shallow geology is Holocene to Pleistocene in age and is comprised of eolian sands and piedmont deposits which include silty soils under lain with hard caliche. The New Mexico State Engineer web site indicates the nearest ground water data to be in S7-T18S-R32E. The ground water in Section 7 is reported to be a depth of 430' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water >100'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

Toll Free: 866.742.0742 www.talonlpe.com

#### **Incident Description**

On December 9, 2011 the union on the flow line located north of the Littlefield AB Federal No. 5 froze causing a release of 3 barrels of oil and 7 barrels of produced water. A vacuum truck was brought to the location and recovered 3 barrels of standing oil. The spill is located where the flow line crosses the lease road north of the Littlefield AB Federal No. 5 location. The spill area measures approximately 15-feet long by 20-feet wide.

#### **Remedial Actions**

On February 27, 2011 Talon personnel mobilized to the site to begin excavation of the impacted area. The impacted soil within the area of the release was removed to an average depth of 2.5 feet deep and transported to a NMOCD approved solid waste disposal facility, Lea Land, LLC pursuant to the work plan. The excavated area was left open until approval for backfilling was obtained from NMOCD.

On March 1, 2012 Talon personnel mobilized to the site to begin closure soil sampling activities on the sidewalls of the excavation per NMOCD requirements. Grab soil samples were collected and submitted for laboratory analysis.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for Chlorides using method SM4500Cl-B, TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B. The complete laboratory report is attached as Appendix II.

#### **Analytical Results**

Analytical results received from Cardinal Laboratories are summarized below:

March 6, 2012

<u>Sample</u> <u>C</u>	<u>Chlorides</u>	BTEX	<u>TPH</u>
S-1, North side wall S-2, East side wall S-3, South side wall	80 mg/kg	<0.150 mg/kg	56.3 mg/kg
	<16	<0.150	<10
	<16	<0.150	<10
	<16	<0.150	<10
	<16	<0.150	<10

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

On March 7, 2012 the NMOCD and on March 8, 2012 the BLM granted approval for backfilling the excavation.

#### **Summary and Conclusions**

- Ground water in the project vicinity is 430-feet below land surface per the New Mexico State Engineer Database.
- The impacted soil from this release was excavated to a depth of 2.5-feet deep. The excavated soil will be transported to a NMOCD approved solid waste disposal facility.
- The BLM and NMOCD granted approval for backfilling. The excavated area was subsequently backfilled to grade using new material transported from a local borrow pit and contoured to match existing terrain.
- The location will be seeded using BLM LPC seed mix.
- Based on the depth to groundwater and the remedial actions implemented, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

#### Closure

Therefore, on behalf of Devon Energy Corporation, we respectfully request that no further actions be required and that closure with respect to this release and that site closure be granted.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

Mike Stubblefield

Project Manager

David J. Adkins

District Manager

## APPENDIX I GROUNDWATER DATA



### New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

(quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

water right me.)	cioaca		(900,1	J. J. J.					(	• • • • • • • • • • • • • • • • • • • •	,	ζ.		
POD Number	Code S	POD Subbasin	County	Q ( 64 1		:	Tws	Rng	<b>X</b>	Y			Depth Water Col	
CP 00672			LE	4	1 4	07	18S	32E	612475	3624947*	6986	524	430	94
CP 00672 CLW475398	0		LE	4	1 4	07	18S	32E	612475	3624947*	6986	540	460	80
CP 00818			LE	,	1 4	26	18S	30E	599289	3620364*	7178	240		
CP 00829			LE	2	2 4	16	198	31E	606165	3614009*	7545	120		
RA 11590 POD1			ED	2 ′	1 3	32	17S	31E	603315	3628545	7631	158		
L 01978		L	LE	,	1 3	23	18S	30E	598469	3621964*	7910	65	44	21
RA 11590 POD3			ED	3 -	1 2	32	17S	31E	603932	3629260	8084	60		
RA 11590 POD4			ED	4 -	1 1	32	17S	31E	603308	3629253	8287	55		
										Averaç	ge Depth to	Water:	311 fee	
											Minimum	Depth:	44 fee	t
											Maximum	Depth:	460 fee	t

Record Count: 8

UTMNAD83 Radius Search (in meters):

Easting (X): 606369

Northing (Y): 3621552

Radius: 10000

\*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, or suitability for any particular purpose of the data.

## APPENDIX II LABORATORY RESULTS



March 06, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LITTLEFIELD AB FED. NO. 5 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/01/12 15:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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.

Celeg & 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



TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

Soil

Project Name:

LITTLEFIELD AB FED. NO. 5 RELEASE

Sampling Condition:

Cool & Intact

Project Number:

700794.020.01

Sample Received By:

Jodi Henson

Project Location:

DEVON ENERGY SEC22-T18S-R31E

#### Sample ID: S-1 BOTTOM 2.5' (H200553-01)

BTEX 8021B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/05/2012	ND	1.88	93.8	2.00	4.76	
Toluene*	<0.050	0.050	03/05/2012	ND	2.04	102	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/05/2012	ND	2.09	104	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/05/2012	ND	6.54	109	6.00	3.57	
Surrogate: 4-Bromofluorobenzene (PIL	107 %	64.4-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/02/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/05/2012	ND	206	103	200	15.5	
DRO >C10-C28	56.3	10.0	03/05/2012	ND	195	97.3	200	8.29	
Surrogate: 1-Chlorooctane	103 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	106 %	6 57.6-15	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without fimilation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

Celey D. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

Soil

Project Name:

LITTLEFIELD AB FED. NO. 5 RELEASE

Sampling Condition:

Cool & Intact

Project Number:

700794.020.01

Sample Received By:

Jodi Henson

Project Location:

**DEVON ENERGY SEC22-T18S-R31E** 

#### Sample ID: S-2 NORTHSIDE WALL (H200553-02)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2012	ND	1.88	93.8	2.00	4.76	
Toluene*	<0.050	0.050	03/05/2012	ND	2.04	102	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/05/2012	ND	2.09	104	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/05/2012	ND	6.54	109	6.00	3.57	
Surrogate: 4-Bromofluorobenzene (PIL	105	% 64.4-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/02/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/05/2012	ND	206	103	200	15.5	
DRO >C10-C28	<10.0	10.0	03/05/2012	ND	195	97.3	200	8.29	
Surrogate: 1-Chlorooctane	105 5	% 55.5-15	4			,			
Surrogate: 1-Chlorooctadecane	120	% 57.6-15	8						

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TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

Soil

Project Name:

LITTLEFIELD AB FED. NO. 5 RELEASE

Sampling Condition:

Cool & Intact

Project Number:

700794.020.01

Sample Received By:

Jodi Henson

Project Location:

DEVON ENERGY SEC22-T18S-R31E

#### Sample ID: S-3 EAST SIDE WALL (H200553-03)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2012	ND	1.88	93.8	2.00	4.76	
Toluene*	<0.050	0.050	03/05/2012	ND	2.04	102	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/05/2012	ND	2.09	104	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/05/2012	ND	6.54	109	6.00	3.57	
Surrogate: 4-Bromofluorobenzene (PIL	104 5	% 64.4-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/02/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS			a.		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/05/2012	ND	206	103	200	15.5	
DRO >C10-C28	<10.0	10.0	03/05/2012	ND	195	97.3	200	8.29	
Surrogate: 1-Chlorooctane	98.0	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	112 9	% 57.6-15	8						

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Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

Soil

Project Name:

LITTLEFIELD AB FED. NO. 5 RELEASE

Sampling Condition:

Cool & Intact

Project Number:

700794.020.01

Project Location:

DEVON ENERGY SEC22-T18S-R31E

Sample Received By:

Jodi Henson

#### Sample ID: S-4 SOUTH SIDE WALL (H200553-04)

BTEX 8021B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2012	ND	1.88	93.8	2.00	4.76	
Toluene*	<0.050	0.050	03/05/2012	ND	2.04	102	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/05/2012	ND	2.09	104	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/05/2012	ND	6.54	109	6.00	3.57	
Surrogate: 4-Bromofluorobenzene (PIL	107 5	% 64.4-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM			1			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/02/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/05/2012	ND	206	103	200	15.5	
DRO >C10-C28	<10.0	10.0	03/05/2012	ND	195	97.3	200	8.29	
Surrogate: 1-Chlorooctane	101 :	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	108 5	% 57.6-15	8						

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\*=Accredited Analyte

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MIKE STUBBLEFIELD
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Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

Soil

Project Name:

LITTLEFIELD AB FED. NO. 5 RELEASE

Sampling Condition:

Cool & Intact

Project Number:

700794.020.01

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- " · ·

Project Location:

DEVON ENERGY SEC22-T18S-R31E

Sample Received By:

Jodi Henson

#### Sample ID: S-5 WEST SIDE WALL (H200553-05)

BTEX 8021B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/05/2012	ND .	1.88	93.8	2.00	4.76	
Toluene*	<0.050	0.050	03/05/2012	ND	2.04	102	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/05/2012	ND	2.09	104	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/05/2012	ND	6.54	109	6.00	3.57	
Surrogate: 4-Bromofluorobenzene (PIL	107 %	64.4-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/02/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/05/2012	ND	206	103	200	15.5	
DRO >C10-C28	<10.0	10.0	03/05/2012	ND	195	97.3	200	8.29	
Surrogate: 1-Chlorooctane	94.9 9	% 55.5-15	4	- ,					
Surrogate: 1-Chlorooctadecane	99.19	% 57.6-15	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celeg D. Keine



#### **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 & Keine



#### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE		BILLTO	Contract principles (1) and (1	ANALYSIS RE	QUEST
Company Name: Talon/LPE Project Manager: Mike (Stubble field		P.O. #:			
Address: 408 West Texas Ave.		Company: Talon/19E			
City: Article State: NM Zip	p: 82710	Attn:			
Phone #: 505-44/- 7254 Fax #:		Address:			
Project #: 700 794, 020.01 Project Owner: [	Devon Energy Gip	City:			
Project Name: Little field AB Edical No. 5 co	cleuse //	State: Zip:			
Project Location: Sec. ZZ-TJ85-R31E		Phone #:			
Sampler Name: Mile Stulllefull		Fax #:			
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLING	7 7 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Lab I.D.   Sample I.D.   80   80   80   80   80   80   80   8	# CONTAIN # CONTAIN WASTEWA SOIL OIL SLUDGE	3/1/2012 10 3/1/2012 10 3/1/2012 10 3/1/2012 10 3/1/2012 10 3/1/2012 10 3/1/2012 10	TIME & 8 12 20 8 12 12 12 12 12 12 12 12 12 12 12 12 12		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cla	aim arising whether based in contrac	t or tort, shall be limited to the amount paid by	by the client for the		<del></del>
analyses. All claims including those for negligence and any other cause whatsoever shall be deem service. In no event shall Cardinal be liable for incidental or consequental damages, including with	out limitation, business interruptions,	loss of use, or loss of profits incurred by clier	nt, its subsidiaries,		
affiliates or successors arising out of or related to the performance of services hereunder by Cardin Relinquished By:  Date: Relinquished Relinquished Relinquished By:	eceived By:	l P	Phone Result: 🛘 Yes 🗘 N		
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#### FINAL C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised October 10, 2003 Submit 2 Copies to appropriate

Form C-141

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Attached [

# Release Notification and Corrective Action OPERATOR ☐ Initial Report ☐ Final Report Name of Company: Devon Energy ☐ Contact: Roger Hernandez Address: PO Box 250, Artesia, NM 88211 ☐ Telephone No.: 575-748-5238 Facility Name: Littlefield AB #5 ☐ Facility Type: Oil well Surface Owner ☐ Mineral Owner: ☐ Lease No.: API #30-015-20001

Facility Name: Littlefield AB #5 Lease No.: API #30-015-20001 Surface Owner Mineral Owner: 2RP-988 LOCATION OF RELEASE Range North/South Line Feet from the Section Township Feet from the East/West Line County Eddy Unit Letter 660' 22 18S 31E 660' M **FWL Latitude** 32.72668 **Longitude** -103.86361 NATURE OF RELEASE Type of Release: OIL & Produced Water Volume of Release: 3 bbls oil & Volume Recovered: 3 bbls oil 7 bbls PW Source of Release: Flow line union Date and Hour of Occurrence: Date and Hour of Discovery: 12/9/11 12/9/11 10:18 am 10:18 am If YES, To Whom? Was Immediate Notice Given? NMOCD/ Jeff Lekin BLM / Trish Badbear By Whom? Date and Hour: NMOCD 12/9/11 12:35 pm; BLM 12/9/11 12:40 pm Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ⊠ No If a Watercourse was Impacted, Describe Fully.\* Describe Cause of Problem and Remedial Action Taken.\* A union loosened due to the recent freeze, while thawing it caused a leak. A vacuum truck was immediately called and the union was tightened. Describe Area Affected and Cleanup Action Taken.\* Talon/LPE was also contacted for the correction of the release. The impacted area was excavated to a depth of 2.5 foot deep, analytical testing was completed and the impacted soil was transported to Lea Land, LLC an approved disposal facility. The excavated area was backfilled to grade with new material transported from a local borrow pit. 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: Roger Hemandez Approved by District Supervisor: Printed Name: Title: Assistant Production Supervisor Approval Date: **Expiration Date:** E-mail Address: roger.hernandez@dvn.com Conditions of Approval:

Date: 4/25/2012

Phone: 575-748-5238

<sup>\*</sup> Attach Additional Sheets If Necessary