

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

HOBBS OCD

MAY 18 2011

RECEIVED

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	McDonnold Operating, Inc.	Contact	Craig M. McDonnold
Address	505 N. Big Spring, Suite 204	Telephone No.	432-682-3499
Facility Name	Midland Tx 79701	Facility Type	operator

Surface Owner	Mineral Owner	Lease No.	8910089100
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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
0	20	24S	37E	660	S	1980	E	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	2 bbl/s	Volume Recovered	0
Source of Release	Langlie Jack #14	Date and Hour of Occurrence		Date and Hour of Discovery	4-18-11
Was Immediate Notice Given?	☐ Yes ☐ No ☒ Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

CRW @ 190'

Describe Cause of Problem and Remedial Action Taken.* Pressure found on ann. Tie ann. into test tank to flowdown press. Overflowed tank. Shut in ann. will pull tbg & repair tbg leak. Will run press test on ann.

Describe Area Affected and Cleanup Action Taken.* 10' x 10' area inside anchors. Spread topsoil.

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	Craig M. McDonnold	Approved by	ENV ENGINEER: [Signature]
Title	President	Approval Date	05/19/11
E-mail Address		Expiration Date	07/19/11
Date	4-25-11	Phone	432-682-3499
		Conditions of Approval	DELINATE CONTAMINATION HORIZONTALLY AND VERTICALLY TO NMOCD
		Attached	☐ IRP-06-11-2715

* Attach Additional Sheets If Necessary

STANDARDS. REMEDIATE TO SAME. CONFER WITH NMOCD-HOBBS ON BOTH. SUBMIT FINAL C-141 BY 07/19/11.

Case 14657
McDonnold Operating, Inc.
OCD Exhibit 14

Fax

Fax

Fax

Fax

Fax

From: Cardinal Laboratories

101 E. Marland . Hobbs, NM. 88240
Phone: 575 393-2326 • Fax: 575 393-2476

Subject: Langlie Jack Well #14

To: Jeff
OCD
393-0720
Pages:9

Comments:

Date: 6/16/2011

HOBBS OCD

JUN 16 2011

RECEIVED



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

June 09, 2011

HOBBS OCD

KEN ROGERS

MC DONNOLD OPERATING INC.

505 N. BIG SPRING, SUITE 204

MIDLAND, TX 79701

JUN 16 2011**RECEIVED**

RE: LANGLEY JACK WELL #14

Enclosed are the results of analyses for samples received by the laboratory on 06/03/11 16:10.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-03-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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,

Celcy D. Keene

Lab Director/Quality Manager



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

HOBBS OCD**Analytical Results For:**

MC DONNOLD OPERATING INC.
KEN ROGERS
505 N. BIG SPRING, SUITE 204
MIDLAND TX, 79701
Fax To: NONE

JUN 16 2011**RECEIVED**

Received: 06/03/2011
Reported: 06/09/2011
Project Name: LANGLEY JACK WELL #14
Project Number: NONE GIVEN
Project Location: JAL, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: WEST OF TEST TANK (H101153-01)

BTX 8021B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2011	ND	2.16	108	2.00	2.46	
Toluene*	<0.050	0.050	06/06/2011	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	06/06/2011	ND	2.16	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	06/06/2011	ND	6.32	105	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (TIL) 94.7 % 70-130

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/06/2011	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2011	ND	176	88.2	200	1.80	
DRO >C10-C28	<10.0	10.0	06/08/2011	ND	175	87.6	200	1.62	

Surrogate: 1-Chlorooctane 105 % 70-130

Surrogate: 1-Chlorooctadecane 101 % 70-130

Cardinal Laboratories

**=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DONNOLD OPERATING INC.
KEN ROGERS
505 N. BIG SPRING, SUITE 204
MIDLAND TX, 79701
Fax To: NONE

Received: 06/03/2011
Reported: 06/09/2011
Project Name: LANGLEY JACK WELL # 14
Project Number: NONE GIVEN
Project Location: JAL, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: N W OF WELL (H101153-02)

BTXES 8021B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2011	ND	2.16	108	2.00	2.46	
Toluene*	<0.050	0.050	06/06/2011	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	06/06/2011	ND	2.16	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	06/06/2011	ND	6.32	105	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (PIL) 95.5% 70-130

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	06/06/2011	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2011	ND	176	88.2	200	1.80	
DRO >C10-C28	<10.0	10.0	06/08/2011	ND	175	87.6	200	1.62	

Surrogate: 1-Chlorooctane 133% 70-130

Surrogate: 1-Chlorooctadecane 143% 70-130

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Celest D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DONNOLD OPERATING INC.
KEN ROGERS
505 N. BIG SPRING, SUITE 204
MIDLAND TX, 79701
Fax To: NONE

Received: 06/03/2011
Reported: 06/09/2011
Project Name: LANGLE JACK WELL #14
Project Number: NONE GIVEN
Project Location: JAL, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: * (See Notes)
Sample Received By: Jodi Henson

Sample ID: EAST OF TEST TANK (H101153-03)

BTX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q: diluter
Benzene*	<0.050	0.050	06/08/2011	ND	2.07	104	2.00	2.80	
Toluene*	<0.050	0.050	06/08/2011	ND	2.02	101	2.00	3.31	
Ethylbenzene*	<0.050	0.050	06/08/2011	ND	2.11	106	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/08/2011	ND	6.14	102	6.00	3.01	

Surrogate: 4-Bromofluorobenzene (PIL) 91.9 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q: diluter
Chloride	416	16.0	06/06/2011	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q: diluter
GRO C6-C10	<50.0	50.0	06/08/2011	ND	176	88.2	200	1.80	
DRO >C10-C28	<50.0	50.0	06/08/2011	ND	175	87.6	200	1.62	

Surrogate 1-Chlorooctane 111 % 70-130

Surrogate 1-Chloroadecane 110 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DONNOLD OPERATING INC.
KEN ROGERS
505 N. BIG SPRING, SUITE 204
MIDLAND TX, 79701
Fax To: NONE

Received: 06/03/2011
Reported: 06/09/2011
Project Name: LANGLEIE JACK WELL #14
Project Number: NONE GIVEN
Project Location: JAL, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: JAL (See Notes)
Sample Received By: Jodi Henson

Sample ID: SOUTH OF WELL (H101153-04)

BTEX A021D		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q allier
Benzene*	<0.050	0.050	06/08/2011	ND	2.07	104	2.00	2.80	
Toluene*	<0.050	0.050	06/08/2011	ND	2.02	101	2.00	3.31	
Ethylbenzene*	<0.050	0.050	06/08/2011	ND	2.11	106	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/08/2011	ND	6.14	102	6.00	3.01	

Surrogate: 4-Bromofluorobenzene (PIE) 100.0% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q allier
Chloride	544	16.0	06/06/2011	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Q allier
GRO C6-C10	<10.0	10.0	06/08/2011	ND	176	88.2	200	1.80	
DRO >C10-C28	<10.0	10.0	06/08/2011	ND	175	87.6	200	1.62	

Surrogate: 1-Chlorooctane 124.0% 70-130

Surrogate: 1-Chlorooctadecane 135.0% 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DONNOLD OPERATING INC.
KEN ROGERS
505 N. BIG SPRING, SUITE 204
MIDLAND TX, 79701
Fax To: NONE

Received: 06/03/2011
Reported: 06/09/2011
Project Name: LANGLEIE JACK WELL #14
Project Number: NONE GIVEN
Project Location: JAL, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: N E 20' FROM WELL (H101153-05)**BTEX 8021B****mg/kg****Analyzed By: CMS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2011	ND	2.07	104	2.00	2.80	
Toluene*	<0.050	0.050	06/08/2011	ND	2.02	101	2.00	3.31	
Ethylbenzene*	<0.050	0.050	06/08/2011	ND	2.11	106	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/08/2011	ND	6.14	102	6.00	3.01	

Surrogate: 4-Bromofluorobenzene (PIL) 98.7 % 70-130

Chloride, SM4500Cl-B**mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	06/06/2011	ND	448	112	400	3.64	

TPH 8015M**mg/kg****Analyzed By: AB**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2011	ND	174	87.0	200	0.978	
DRO >C10-C28	<10.0	10.0	06/08/2011	ND	186	93.2	200	1.05	

Surrogate: 1-Chlorooctane 107 % 70-130

Surrogate: 1-Chlorooctadecane 117 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- Z-01 One or more surrogates above historical limits.
- 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>McDonnold Operating Inc.</u>		BILL TO		ANALYSIS REQUEST													
Project Manager: <u>Ken Rogers</u>		P.O. #:															
Address: <u>505 N. Big Spring State</u>		Company:															
City: <u>Midland</u> State: <u>TX</u> Zip: <u>79701-4347</u>		Address:															
Phone #: <u>432-682-3488</u>		City:															
Project #: _____ Project Owner: _____		State: _____ Zip: _____															
Project Name: <u>Largie Joint Well # 14</u>		Phone #: _____															
Project Location: <u>2nd NW</u>		Fax #: _____															
Sampler Name: <u>Albert Sanchez</u>																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)IRAB OR (G)OMP.	% CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACIDBASE	ICE / COOL	OTHER	DATE	TIME	CL	TPH	BTEX
HID1133																	
	1 West of Test Tank	G	1			X							6/3/11	3:00	I	I	I
	2 NW of Well	G	1			X											
	3 East of Test Tank	G	1			X											
	4 South of Well																
	5 NE 20' fm well																

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Relinquished By: <u>[Signature]</u>	Date: <u>6/3/11</u>	Received By: <u>[Signature]</u>	Phone Result: ☐ Yes ☐ No ?Add'l Phone #:
	Time: <u>4:10</u>		Fax Result: ☐ Yes ☐ No (Add'l Fax #):
Relinquished By:	Date:	Received By:	REMARKS: <u>call 575-390-1692 & he will</u>
	Time:		<u>P/M.</u>
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>	<u>sample taken & brought directly to</u>
Sampler - UPS Bus - Other: <u>360</u>	☐ Yes ☐ No		<u>lab.</u>

Cardinal Laboratories of New Mexico, Inc. Please Fax written changes to 575-393-2476