

# 1RP-1825

## Cabot Q SWD

1<sup>st</sup> Spill date – 3/19/2008

Spill & Volume: 130 bbl produced water, 120 bbl recovered

Spill notes: Pump vibration caused injection line to loosen. Spill fully contained in firewall.

Delineation or remediation: none

Photos: none

Additional notes: Notes: none

Documents Attached:

New Mexico Form C-141

2<sup>nd</sup> Spill date – 6/07/2008

Spill & Volume: 300 bbl produced water, 280 bbl recovered

Spill Notes: Battery struck by lightning. 1 tank fully burned, 2 others had tops blown off.

- Most spilled water contained. Some fluid escaped into pasture on north side of firewall onto old reserve pit location, area approximately 20' x 70'.
- Letter to Larry Johnson (OCD) notes that delineation, excavation, and backfill planned.
- SESI performed delineation 12/8/2008, results showed max chlorides at 1,000 mg/kg.

Photos: Photos in SESI report, attached.

Additional notes: This spill would have covered the affected the area of previous spills. Cannot determine why two spills are recorded under one 1RP-1825; however C-141s on file at NM OCD clearly show the same number on both spills. Waste invoice from Jay Dan Landfill indicates 96 cubic yards of soil disposed in 2008, invoice is dated 7/17/2008. No manifest available.

Documents Attached:

Two New Mexico Form C-141

December 22, 2008 SESI Assessment report

July 17, 2008 Waste Disposal invoice

Two Final New Mexico Form C-141

**FASKEN STATUS: DEFERRED**

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

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	Fasken Oil and Ranch, Ltd.	Contact	JIMMY Carlile
Address	303 W. Wall, Ste 1800 Midland, TX	Telephone No.	432 687-1777
Facility Name	Cabot Q SWD	Facility Type	Battery
Surface Owner	State	Mineral Owner	State
		Lease No.	30-025-28726

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	7	15S	35E	1980	S	560	W	Lea

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	produced water	Volume of Release	130	Volume Recovered	120
Source of Release	injection line	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	3 pm 3/19/08	5 pm 3/19/08	
By Whom?	Jimmy Carlile	Date and Hour	8:15 am 3/20/08		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse			

WTR 50'

**RECEIVED**

MAR 24 2008

**HOBBS OCD**

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Pump vibration caused the injection line to come loose. Line re-applied and tightened.

Describe Area Affected and Cleanup Action Taken.\*  
Firewall inside tank battery area. No fluid escaped the firewall.

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:	<i>Jimmy D. Carlile</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name:	Jimmy D. Carlile	<i>L. Johnson</i>	
Title:	Regulatory Affairs	Approved by District Supervisor	ENVIRONMENTAL ENGINEER
E-mail Address:	jimmyc@for1.com	Approval Date:	3-26-08
Date:	3/20/08	Expiration Date:	5-26-08
Phone:	432687-1777	Conditions of Approval:	Attached <input type="checkbox"/>
		VERTICAL DELINEATION IS	
		1 RP# 1825	

REQUIRED DUE TO WATER DEPTH

\* Attach Additional Sheets If Necessary

f 0040 808 731166

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

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	Fasken Oil and Ranch, Ltd.	Contact	Jimmy D. Carlile
Address	303 W. Wall, Ste 1800, Midland, TX	Telephone No.	432 687-1777
Facility Name	Cabot Q SWD	Facility Type	SWD
Surface Owner	State	Mineral Owner	State
		Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	7	15S	35E	1980	South	560	West	Lea

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	produced water	Volume of Release	300	Volume Recovered	280
Source of Release	tank	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	9 pm 6/7/08	9 pm 6/7/08	
By Whom?	Jimmy D. Carlile	Larry Johnson's voice mail			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date and Hour	1:30 pm 6/7/08		
		If YES, Volume Impacting the			

**RECEIVED**  
JUN 11 2008  
HOBBS OCD

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Lightning struck the fiberglass tank and caused the produced water spill. Most of the water was contained inside the bermed area. An area 20' by 70' on the north end of the battery was also affected.

Describe Area Affected and Cleanup Action Taken.\*  
20' by 70' on the north end of the battery in the pasture. Produced water that was still standing was vacuumed up.

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: <i>Jimmy D. Carlile</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Jimmy D. Carlile	Approved by District Supervisor: <i>Chris Williams</i>	
Title: Regulatory Affairs Coor.	Approval Date: 6.12.08	Expiration Date: 8.12.08
E-mail Address: jimmyc@forl.com	Conditions of Approval:	
Date: 6/8/08 Phone: 432 687-1777	Attached <input type="checkbox"/> 1825 <b>SUBMIT FINAL C-141 BY 1RP# 1825</b>	

\* Attach Additional Sheets If Necessary



6101 Holiday Hill Road  
Midland, TX 79707  
(432) 687-1777  
(432) 687-1570 (FAX)

February 28, 2019

Mr. Bradford Billings  
New Mexico Energy, Mineral, and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Street  
Santa Fe, NM 87505

RE: 1RP-1825

Mr. Billings,

Thank you for meeting with me on February 21<sup>st</sup> to discuss spills that have been reported to the OCD and remain in an "open" status.

As we discussed this spill which was originally reported to the OCD by Fasken on March 19, 2008.

Fasken Oil and Ranch, Ltd. respectfully requests to **DEFER** this spill until the SWD battery is decommissioned.

Thank you very much,

Aaron Pachlhofer  
Environmental Coordinator  
Fasken Oil and Ranch, Ltd.

**Fasken Oil and Ranch, LTD.  
Cabot State Q #1  
Delineation Report/Work Plan  
Unit L, Section 7, Township 15S, Range 35E  
Lea County, New Mexico**

**December 22, 2008**



**Prepared for:**

**Fasken Oil and Ranch, LTD.  
303 W. Wall Suite 1800**

**Midland, Texas 79701-5116**

**By:**

***Safety & Environmental Solutions, Inc.***

***703 East Clinton***

***Hobbs, New Mexico 88240***

***(575) 397-0510***

**TABLE OF CONTENTS**

**I. COMPANY CONTACTS.....1**

**II. BACKGROUND.....1**

**III. SURFACE AND GROUND WATER.....1**

**IV. SOILS .....1**

**V. WORK PERFORMED.....1**

**VI. ACTION PLAN.....3**

**VII. FIGURES & APPENDICES .....3**

    Figure 1 – Vicinity Map.....4

    Figure 2 – Site Plan .....4

    Figure 3 – Logs of Boring .....5

    Appendix A – C-141 .....6

    Appendix B – Analytical Results .....7

    Appendix C – Site Photos.....8

**I. Company Contacts**

<b>NAME</b>	<b>Company</b>	<b>Telephone</b>	<b>E-mail</b>
Jimmy Carlile	Fasken	432-818-0210	<a href="mailto:jimmyc@forl.com">jimmyc@forl.com</a>
Bob Allen	SESI	575-397-0510	<a href="mailto:ballen@sesi-nm.com">ballen@sesi-nm.com</a>

**II. Background**

Safety and Environmental Solutions, Inc. (SESI) was engaged by Fasken Oil and Ranch, LTD. to perform cleanup services at the Cabot State Q #1 Tank Battery. This is an active tank battery where a release occurred due to lightning striking the tank causing a release of approximately 300 barrels of produced water. A vacuum truck recovered 280 barrels of this release. Most of the release was contained inside the berm with the exception of a small are on the north end of the battery.

**III. Surface and Ground Water**

The closest groundwater of record listed with the New Mexico office of the state engineer is located in the same section, range and township. The depth of water in this well was 60' in 1956.

**IV Soils**

The surface soils in the area are predominantly sand and sandy loam.

**V. Work Performed**

On December 3, 2008 SESI installed two (2) soil borings inside the spill area to determine the vertical extent of contamination. Borehole #1 was drilled to a depth of 10' and Borehole #2 was drilled to a depth of 10'. Samples were retrieved in 5' intervals from both boreholes. All samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico for analysis. The samples were analyzed for Chlorides (EPA Method 300.0).

The results of the analysis are as follows:

<b>Date</b>	<b>Sample ID</b>	<b>Cl<sup>-</sup> (mg/kg)</b>
12/3/08	BH #1-Surface	27
12/3/08	BH #1-5'	63
12/3/08	BH #1-10'	68
12/3/08	BH #2-Surface	1,000
12/3/08	BH #2-5'	250
12/3/08	BH #2-10'	110

All borings were backfilled from total depth to surface with bentonite and hydrated.

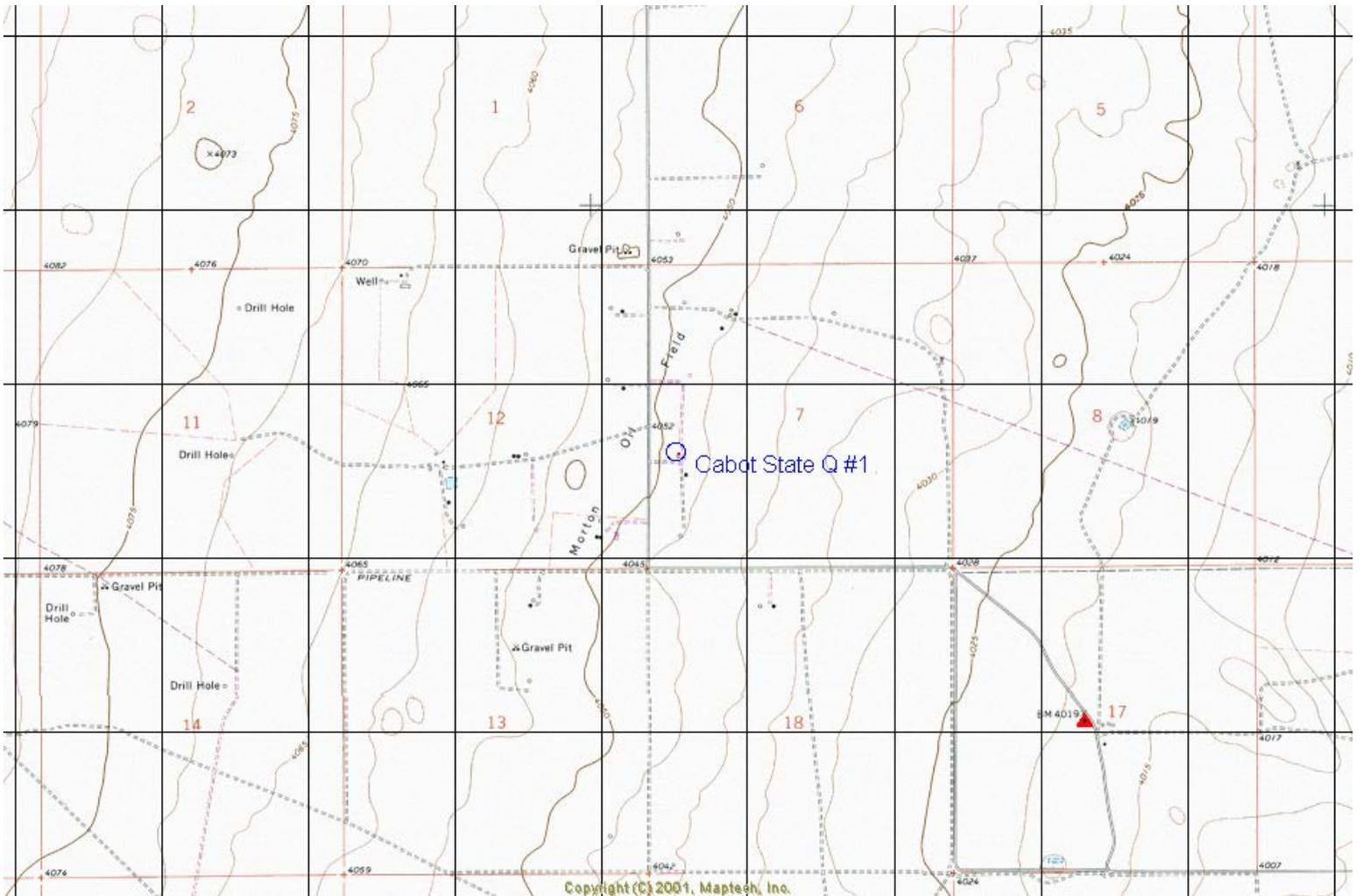
**VI. Action Plan**

It is proposed that the area outside of the berm be cultivated with fresh soils and reseeded to promote re-vegetation.

**VII. Figures & Appendices**

- Figure 1 – Vicinity Map
- Figure 2 – Site Plan
- Figure 3 – Logs of Boring
- Appendix A – C-141
- Appendix B – Analytical Results
- Appendix C – Site Photos

# Figure 1 Vicinity Map



## **Figure 2 Site Plan**





## **Figure 3 Logs of Boring**

# **Appendix A C-141**

## **Appendix B Analytical Results**

## **Appendix c Site Photos**



Release northeast of tanks



Release north of tanks



Release facing north



Release facing east



Release north of tanks



Release west of tanks

JAY-DAN LAND FARM  
P.O. BOX 632  
LOVINGTON, NM 88260  
575-391-0537

# Invoice

DATE 7/17/2008  
INVOICE # 52

**RECEIVED**  
JUL 31 2008  
FASKEN OIL AND RANCH, LTD.

BILL TO

FASKINS OIL & GAS  
906 W. AVE F  
LOVINGTON, NM 88260

DESCRIPTION	QTY	RATE	AMOUNT
CABOT "Q" SWD -96 yds Oily Dirt <i>(A020) (1501-440) \$ 1620.86</i>	96	18.00	1,728.00T
JAMES O'NEAL BATTERY - 84 yds Oily Dirt <i>(440) \$ 1593.21 ON 2500</i>	84	18.00	1,512.00T

VENDOR NO. JAY1200  
 INVOICE NO. 52  
 INVOICE DATE 7-17-08  
 AMOUNT \$ 3414.15  
 ACCT. NO. 2012000 C. CENTER  
 JIB CATEG. SP440 DIR BILL  
 LEASE SP117 BILL GRP.  
 DECK AFE NO.  
 INV. DUE 8-21-08 DISC \$  
 DESC.  
 AMOUNT \$ 3414.15  
*8-20-08*

### ENTRY CONTROL

3008 08/08  
CK # 125070 DATE 8/21/08

m - 8/22/08

*JIB  
8-1-08*

Subtotal 3,240.00  
 5.375% Tax 174.15  
**Total 3,414.15**

*Phil Woods*

*Pha 8-13-08*

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 : Fasken Oil And Ranch, Ltd		Contact: Aaron Pachlhofer
Address: 6101 Holiday Hill Road, Midland, TX 79707		Telephone No.: 432-687-1777
Facility Name: Cabot 'Q' SWD		Facility Type: SWD Battery
Surface Owner: State	Mineral Owner: State	API No.: 30-025-28826

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	7	15S	35E	1980	South	560	West	Lea

Latitude 33.029916° Longitude -103.453821°

**NATURE OF RELEASE**

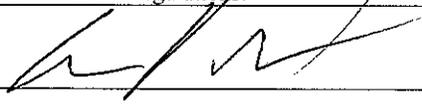
Type of Release: Produced Water	Volume of Release: 130	Volume Recovered: 120
Source of Release: Injection Line	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? 3/19/08 3:00 pm	3/19/08 5:00 pm
By Whom? Jimmy D. Carlile	Date and Hour: 3/20/08 8:15 a.m. Larry Johnson Voicemail	
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.\*  
Not Applicable

Describe Cause of Problem and Remedial Action Taken.\*  
Pump vibration caused the injection line to come loose. Line re-applied and tightened.

Describe Area Affected and Cleanup Action Taken.\*  
Initial – Firewall inside tank battery area. No fluid escaped the firewall.  
Final – Fluid recovered. No further action to be taken until abandonment.

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>OIL CONSERVATION DIVISION</u>	
Printed Name: Aaron Pachlhofer	Approved by Environmental Specialist:	
Title: Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: aaronp@forl.com	Conditions of Approval:	Attached <input type="checkbox"/> IRP-1825 (1 <sup>st</sup> )
Date: 5/15/18 Phone: 432-687-1777		

\* Attach Additional Sheets if Necessary

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 : Fasken Oil And Ranch, Ltd	Contact: Aaron Pachlhofer
Address: 6101 Holiday Hill Road, Midland, TX 79707	Telephone No.: 432-687-1777
Facility Name: Cabot 'Q' SWD	Facility Type: SWD Battery

Surface Owner: State	Mineral Owner: State	API No.: 30-025-28826
----------------------	----------------------	-----------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	7	15S	35E	1980	South	560	West	Lea

Latitude 33.029916° Longitude -103.453821°

**NATURE OF RELEASE**

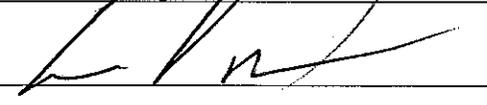
Type of Release: Produced Water	Volume of Release: 300	Volume Recovered: 280
Source of Release: Injection Line	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? 6/7/08 9:00 pm	6/7/08 9:00 pm
By Whom? Jimmy D. Carlile	Date and Hour: 6/8/08 1:30 pm Larry Johnson Voicemail	
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.\*  
Not Applicable

Describe Cause of Problem and Remedial Action Taken.\*  
Lightning struck the fiberglass tank and caused the produced water spill. Most of the water was contained inside the bermed area. An area 2-' x 70' on the north end of the battery was also affected.

Describe Area Affected and Cleanup Action Taken.\*  
Initial - 20' x 70' on the north end of the battery in the pasture. Produced water that was still standing was vacuumed up.  
Final - Affected soil removed and disposed on or about 7/17/08. Area outside firewall (actually over old reserve pit) was assessed by consultant on 12/3/08. No further action to be taken until abandonment.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Pachlhofer	Approved by Environmental Specialist:	
Title: Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: aaronp@forl.com	Conditions of Approval:	Attached <input type="checkbox"/> IRP-1825 (2 <sup>nd</sup> )
Date: 5/15/18 Phone: 432-687-1777		

\* Attach Additional Sheets If Necessary

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 204055

**CONDITIONS**

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 204055
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	Upload of historical documents.	4/11/2023
amaxwell	The deferral request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	4/11/2023
amaxwell	Upon P&A activities, submit a report verifying that 19.15.29.13 NMAC stipulations have been met for the site.	4/11/2023