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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2331253847
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Fasken Oil and Ranch, Ltd.	OGRID 151416
Contact Name Addison Guelker	Contact Telephone 432-687-1777
Contact email addisong@forl.com	Incident # *(assigned by OCD) nAPP2331253847*
Contact mailing address 6101 Holiday Hill Road, Midland TX 79707	

Location of Release Source

Latitude 33.033765   Longitude -103.170225

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Denton Battery	Site Type Battery
Date Release Discovered 11/7/23	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
G	11	15S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Darr Angel   )

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 900	Volume Recovered (bbls) 850
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Connector came loose on water transfer line.

Form C-141

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State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Addison Guelker to ocd.enviro@state.nm.us by e-mail.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have <u>not</u> been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: ___Addison Guelker___ Title: _Environmental Analyst_

Signature: _Atth Gh_ Date: _11/8/23_

email: addisong@forl.com Telephone: _432-687-1777_

OCD Only

Received by: _Shelly Wells_ Date: _11/9/2023_

****** LIQUID SPILLS - VOLUME CALCULATIONS ******

Location of spill:	Denton Battery	Date of Spill:	7-Nov-2023

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank **place an "X" here:** [X]

Input Data:

	OIL:	WATER:
If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:	0.0 BBL	0.0 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations						Standing Liquid Calculations				
Total Surface Area	width	length		wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	224 ft	86 ft	X	8.00 in	0%	Rectangle Area #1	0 ft X	0 ft X	0 in	0%
Rectangle Area #2	146 ft X	186 ft	X	8.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3	65 ft X	106 ft	X	8.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%
Rectangle Area #4	75 ft X	14 ft	X	6 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%
Rectangle Area #5	0 ft X	0 ft	X	0 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	0 ft X	0 ft	X	0 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	0 ft X	0 ft	X	0 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft	X	0 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production:	Oil	0 BBL	Water	0 BBL	0 Gas (MCFD)

Total Hydrocarbon Content in gas:	0%	(percentage)
H2S Content in Produced Gas:	0	PPM
H2S Content in Tank Vapors:	0	PPM

Did leak occur before the separator?: [   ] YES [   ] N/A *(place an "X")*

Percentage of Oil in Free Liquid Recovered:	0%	(percentage)

Amount of Free Liquid Recovered: 0 BBL   okay

Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.
* Sand = **0.08** gallon (gal.) liquid per gal. volume of soil.
* Gravelly (caliche) loam = **0.14** gal. liquid per gal. volume of soil.
* Sandy clay loam soil = **0.14** gal liquid per gal. volume of soil.
* Clay loam = **0.16** gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil.
Occurs when the spill soaked soil is contained by barriers, natural (or not).
* Clay loam = **0.20** gal. liquid per gal. volume of soil.
* Gravelly (caliche) loam = **0.25** gal. liquid per gal. volume of soil.
* Sandy loam = **0.5** gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume:	54,360 sq. ft.	36,065 cu. ft.	cu. ft.	Total Free Liquid Volume:	sq. ft.	cu. ft.	cu. ft.

Estimated Volumes Spilled			**Estimated Production Volumes Lost**		
	H2O	OIL		H2O	OIL
Liquid in Soil:	899.2 BBL	0.0 BBL	Estimated Production Spilled:	0.0 BBL	0.0 BBL
Free Liquid:	0.0 BBL	0.0 BBL			
Totals:	899.2 BBL	0.0 BBL	**Estimated Surface Damage**		
			Surface Area:	54,360 sq. ft.	
Total Liquid Spill Liquid:	899.2 BBL	0.00 BBL	Surface Area:	1.2479 acre	

Recovered Volumes			**Estimated Weights, and Volumes**			
Estimated oil recovered:	BBL	check - okay	Saturated Soil =	4,039,280 lbs	36,065 cu. ft.	1,336 cu. yds.
Estimated water recovered:	BBL	check - okay	Total Liquid =	899 BBL	37,767 gallon	314,224 lbs

Air Emission from flowline leaks:			**Air Emission of Reporting Requirements:**		
				New Mexico	Texas
Volume of oil spill:	-	BBL	HC gas release reportable?	NO	NO
Separator gas calculated:	-	MCF	H2S release reportable?	NO	NO
Separator gas released:	-	MCF			
Gas released from oil:	-	lb			
H2S released:	-	lb			
Total HC gas released:	-	lb			
Total HC gas released:	-	MCF			

Denton Battery Spill Calculator.xls - bdj -11/8/2023

CONDITIONS

Action 284076

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

CONDITIONS

Operator:	OGRID:
FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	151416
	Action Number: 284076
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/9/2023