

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	NRM2027647311
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

## Initial Response

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: Patricia Espinoza \_\_\_\_\_ Date: \_\_\_\_\_  
email: \_\_\_\_\_ Telephone: \_\_\_\_\_

OCD Only

Received by: Ramona Marcus Date: 10/2/2020

## \*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: Columbus Federal 021H &amp; 022H CTB

Date of Spill: 17-Sep-2020

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: ☒

## Input Data:

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

Total Surface Area	width	length	wet soil depth	oil (%)
Rectangle Area #1	50 ft	550 ft	X 0.30 in	0%
Rectangle Area #2	0 ft	0 ft	X 0.00 in	0%
Rectangle Area #3	0 ft	0 ft	X 0.00 in	0%
Rectangle Area #4	0 ft	0 ft	X 0 in	0%
Rectangle Area #5	0 ft	0 ft	X 0 in	0%
Rectangle Area #6	0 ft	0 ft	X 0 in	0%
Rectangle Area #7	0 ft	0 ft	X 0 in	0%
Rectangle Area #8	0 ft	0 ft	X 2 in	0%

## Standing Liquid Calculations

Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	0 ft	0 ft	X 0 in	0%
Rectangle Area #2	0 ft	0 ft	X 0 in	0%
Rectangle Area #3	0 ft	0 ft	X 0 in	0%
Rectangle Area #4	0 ft	0 ft	X 0 in	0%
Rectangle Area #5	0 ft	0 ft	X 0 in	0%
Rectangle Area #6	0 ft	0 ft	X 0 in	0%
Rectangle Area #7	0 ft	0 ft	X 0 in	0%
Rectangle Area #8	0 ft	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)

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

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

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

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: 27,500 sq. ft.

688 cu. ft.

cu. ft.

Total Free Liquid Volume:

sq. ft.

cu. ft.

cu. ft.

## Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	17.1 BBL	0.0 BBL
Free Liquid:	0.0 BBL	0.0 BBL
Totals:	17.1 BBL	0.0 BBL

Total Liquid Spill Liquid:

17.1 BBL

0.00 BBL

## Recovered Volumes

Estimated oil recovered: BBL check - okay  
Estimated water recovered: BBL check - okay

## Estimated Production Volumes Lost

	H2O	OIL
Estimated Production Spilled:	0.0 BBL	0.0 BBL

## Estimated Surface Damage

Surface Area: 27,500 sq. ft.

Surface Area: .6313 acre

## Estimated Weights and Volumes

Saturated Soil = 77,000 lbs 688 cu. ft. 25 cu. yds.  
Total Liquid = 17 BBL 720 gallon 5,990 lbs

## Air Emission from flowline leaks:

Volume of oil spill: - BBL  
Separator gas calculated: - MCF  
Separator gas released: - MCF  
Gas released from oil: - lb  
H2S released: - lb  
Total HC gas released: - lb  
Total HC gas released: - MCF

## Air Emission of Reporting Requirements:

	New Mexico	Texas
HC gas release reportable?	NO	NO
H2S release reportable?	NO	NO