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

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State of New Mexico Energy Minerals and Natural Resources Department

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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	NRM2015541340
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX	77210	

Location of Release Source

Latitude 32.781707

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	STATE CM BATTERY	Site Type	BATTERY
Date Release Discovered	4-27-2020	API# (if applicable)	30-025-01574

Unit Letter	Section	Township	Range	County
B	2	18S	33E	LEA COUNTY, NM

Surface Owner: 🔲 State 🔲 Federal 🗌 Tribal 🔳 Private (Name: ANGEL

Nature and Volume of Release

Crude Oil	Volume Released (bbls) 30 BBLS	Volume Recovered (bbis) 25 BBLS
Produced Water	Volume Released (bbls) 50 BBLS	Volume Recovered (bbls) 20 BBLS
	Is the concentration of dissolved chloride in the produced water >10.000 mg/l?	Ves 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)

BAD GASKET OR BACK PRESSURE

orm C-141	State of New Mexico	I.	Incident ID	NRM2015541340
ge 2	Oil Conservation Divisi	on	District RP	111112013341340
			Facility ID	
			Application ID	1
Was this a major	If YES, for what reason(s) does the	responsible party consid	ler this a major release	?
release as defined by 19.15.29.7(A) NMAC?	THE RELEASE WAS GREA	ATER THAN 25 BE	BLS	
Yes No				
If YES, was immediate n	notice given to the OCD? By whom?	To whom? When and b	y what means (phone,	, email, etc)?
YES, WADE DITTE	RICH OF OXY, VIA EMAIL 4/	29/20 TO MIKE BI	RATCHER, JIM (GRISWOLD,
VICTORIA VENEC	GAS & ROBERT HAMLET OF	THE NMOCD		
	Initia	al Response		
The responsible	party must undertake the following actions imm	nediately unless they could cre	cate a safety hazard that wo	uld result in injury
The source of the rel	ease has been stonned			
	case has been stopped.			
The impacted area ha	as been secured to protect human healt	th and the environment		
 The impacted area has Released materials has 	as been secured to protect human healt ave been contained via the use of bern	th and the environment.	ads or other containm	ent devices.
 The impacted area ha Released materials h All free liquids and r If all the actions describe 	as been secured to protect human healt ave been contained via the use of bern ecoverable materials have been remov ed above have <u>not</u> been undertaken, ex	th and the environment. ns or dikes, absorbent pa ved and managed approp plain why:	ads, or other containm priately.	ent devices.
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Received by OCD: 6/3/2020 12:10:15 PM

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

NRM2015541340

4/27/2020

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Location of spill: State
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State CM Battery

Date of Spill:

Site Soil Type: Silt (caliche)

	Average Daily Production	n:	BBL Oil		BBL Water		
Total Area Calculations							
Total Surface Area	width		length		wet soil depth	oil (%)	
Rectangle Area #1	20 ft	Х	145 ft	Х	1 in	10%	
Rectangle Area #2	2 80 ft	Х	110 ft	Х	1 in	15%	
Rectangle Area #3	35 ft	Х	90 ft	Х	1 in	20%	
Rectangle Area #4	l Oft	Х	0 ft	Х	<mark>0</mark> in	0%	
Rectangle Area #5	5 <mark>0</mark> ft	Х	0 ft	Х	0 in	0%	
Rectangle Area #6	6 Oft	Х	0 ft	Х	0 in	0%	
Rectangle Area #7	Oft	Х	0 ft	Х	0 in	0%	
Rectangle Area #8	3 0 ft	Х	0 ft	Х	0 in	0%	

Porosity 0.16 gal per gal

Satura	ted Soil Volume Calculations	<u>:</u>				
		<u>H2O</u>	OIL		Soil Type	Porosity
Area #1	2900 sq. ft.	218 cu. ft.	24	cu. ft.	Clay	0.15
Area #2	8800 sq. ft.	623 cu. ft.	110	cu. ft.	Peat	0.40
Area #3	3150 sq. ft.	210 cu. ft.	53	cu. ft.	Glacial Sediments	0.13
Area #4	0 sq. ft.	cu. ft.		cu. ft.	Sandy Clay	0.12
Area #5	0 sq. ft.	cu. ft.		cu. ft.	Silt	0.16
Area #6	0 sq. ft.	cu. ft.		cu. ft.	Loess	0.25
Area #7	0 sq. ft.	cu. ft.		cu. ft.	Fine Sand	0.16
Area #8	0 sq. ft.	cu. ft.		cu. ft.	Medium Sand	0.25
Total Solid/Liquid Volume	14,850 sq. ft.	1,051 cu. ft.	187	cu. ft.	Coarse Sand	0.26
					Gravely Sand	0.26
Estima	ated Volumes Spilled				Fine Gravel	0.26
		<u>H2O</u>	<u>OIL</u>		Medium Gravel	0.25
L	iquid in Soil:	29.9 BBL	5.3	BBL	Coarse Gravel	0.18
Liquid	Recovered :	<u>20.0</u> BBL	<u>25.0</u>	BBL	Sandstone	0.25
					Siltstone	0.18
	Spill Liquid	49.9 BBL	30.3	BBL	Shale	0.05
Total	Spill Liquid:	80.	3		Limestone	0.13
					Basalt	0.19
Re	covered Volumes				Volcanic Tuff	0.20
Estimated oil recovered	25.0 BBL				Standing Liquids	
Estimated water recovered	20.0 BBL					