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

Incident ID	NVV2003728036
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jennifer Knowlton	Contact Telephone	(575) 748-1570
Contact email	JKnowlton@concho.com	Incident # (assigned by OCD)	NVV2003728036
Contact mailing address	600 West Illinois Avenue, Midlar	nd, Texas 79701	

Location of Release Source

Latitude

32.0926

-104.2499

Longitude ______ (NAD 83 in decimal degrees to 5 decimal places)

Site Name Cr	raig State #003H	Site Type	Flowline
Date Release Discovered De	December 26, 2019	API# (if applicable)	

Unit Letter	Section	Township	Range	County
С	36	25S	26E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Materia	l(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) 20	Volume Recovered (bbls) 0
	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)

Cause of Release

The release was caused by a improper valve positioning.

The release was in the pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

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?	If YES, for what reason(s) does the responsible party consider this a major release?
$\square \text{ Yes } \blacksquare \text{ No}$	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

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 Brittany N. Esparza	Title: HSE Administrative Assistant
Signature:	
OCD Only Received by: Victoria Venegas	D
Received by: Victoria Venegas	Date: 02/06/2020

Location	of spill:	COG -Cra	ig State 3	ВН ТВ	_	Date of Spill:	26-De	ec-201	9			
		If the leak/s	oill is ass	sociated with	_ productio	n equipment, i.e wellhead	, stuffing box,					
		flowline, tank ba	attery, pro	oduction vesse	el, transfer	pump, or storage tank place	an "X" here:	X				
					Input	Data:						
						own enter the volumes here:	OIL: 0.0 B		WATER:			
-		a Calculations	data for	the following	Area Ca	lculations" is optional. Th	Standing Li				imes.	
1	otal Ale	a calculations		wet soil				quiu	Calculation	15		
	width 90 ft	length 50 ft	v	2.20 in	oil (%) 0%	Standing Liquid Area Rectangle Area #1	width 0 ft	Х	length 0 ft	Х	liquid depth 0 in	oil (%
Rectangle Area #1 Rectangle Area #2	90 ft)		X X	0.00 in	50%	Rectangle Area #2		x	0 ft		0 in	(
Rectangle Area #3	0 ft 2		x	0.00 in	0%	Rectangle Area #3	0 ft		0 ft		0 in	(
Rectangle Area #4	0 ft)		x	0 in	0%	Rectangle Area #4	0 ft			X	0 in	C
Rectangle Area #5	0 ft)	C Oft	Х	0 in	0%	Rectangle Area #5	0 ft	Х	0 ft	Х	0 in	C
Rectangle Area #6	0 ft)	K 0 ft	Х	0 in	0%	Rectangle Area #6	0 ft	Х	0 ft	Х	0 in	0
Rectangle Area #7	0ft) 0ft)		X X	0 in 0 in	0% 0%	Rectangle Area #7	0 ft 0 ft		0 ft 0 ft		0 in 0 in	(
Rectangle Area #8	011 2	0 11	^	0 10	0%	Rectangle Area #8	0 11	^	0 11	^	0 111	(
					okay							
		produ	uction sv	stem leak - D	-	DUCTION DATA REQUIRE	n					
Average Daily Production: (Dil 0 E				s (MCFD)							
5 ,					- (Total Hydrocarbon C	ontent in gas:	0%	(percentage)			
Did leak occur before the separate	or?·	YES	N/A	(place an "X	('')	H2S Content in P	roduced Gas:	0	PPM			
			19/7									
				ŭ		H2S Content in		0	PPM			
Amount of Free Liquid Recovered:	0 BBL		okay	ŭ			Tank Vapors:					
Recovered:		er gal Use				H2S Content in Percentage of Oil	Tank Vapors: in Free Liquid Recovered:	0%	PPM (percentage)	fills the	e pore space of the	soil:
Recovered:	0 BBL 0.14 gal p		the following	ng when the spill y gallon (gal.) liquid	wets the grain	H2S Content in Percentage of Oil	Tank Vapors: in Free Liquid Recovered: <u>Use the following v</u>	0 0% when the	PPM (percentage)		e pore space of the arriers, natural (or n	
Recovered:		* Sa	the followin nd = 0.08	ng when the spill gallon (gal.) liquid	wets the grain	H2S Content in Percentage of Oil	Tank Vapors: in Free Liquid Recovered: <u>Use the following v</u>	0 0% when the pill soal	PPM (percentage)	ed by b	arriers, natural (or n	
Recovered:		* Sa * Gr. * Sa	the followin nd = 0.08 avelly (calio ndy clay lo	 ng when the spill v gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga	wets the grain per gal. volu gal. liquid per ga	H2S Content in Percentage of Oil une of soil. r gal. volume of soil. a. volume of soil.	Tank Vapors: in Free Liquid Recovered: <u>Use the following v</u> Occurs when the s * Clay Ioam = 0.20 * Gravelly (caliche)	0 0% when the pill soal gal. liqu loam =	PPM (percentage) eliquid completely (red soil is containe uid per gal. volume 0.25 gal. liquid per	ed by ba e of soil er gal. v	arriers, natural (or n l. volume of soil.	
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Recovered: Liquid holding factor *:	0.14 gal p ,500 sq. ft illed Soil: quid: tals: guid: BBL BBL BBL	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) ilquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil Ins of the soil. Ins of the soil. In solume of soil. In volume of soil. In volume of soil. In the soil. In the soil. In the soil. In the soil. In the solution In the solutio	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S n Volumes Loss n Volumes Loss and Volumes 20 Damage 4,500 su .1033 a and Volumes 92,400 lb 21 B	0 0% when the pill soad gal. liquid gal.	PPM (percentage) I liquid completely (ed soil is containe iid per gal. volume 0.25 gal. liquid pe uid per gal. volum Cu. H2O 0.0 BB 825 cu. 864 gal	ed by b. e of soil er gal. \ e of so . ft. . ft. Ilon	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.
Recovered: Liquid holding factor *:	0.14 gal p ,500 sq. ft illed Soil: quid: tals: BBL BBL BBL e leaks: - BBL	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil me of soil. r gal. volume of soil. al volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surfac	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S n Volumes Loss uction Spilled: ce Damage 4,500 sv .1033 a and Volumes 92,400 lb 21 B ng Requirement New Mexico	0 0% when the pill soad gal. liquid gal.	PPM (percentage) e liquid completely/ ked soli is containe id per gal. volume 0.25 gal. liquid pe uid per gal. volum Cu. H2O 0.0 BB 825 cu. 864 gal	ed by b. e of soil er gal. \ e of so . ft. iL iL iL iL iL iL iL	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.
Recovered: Liquid holding factor *:	0.14 gal p 500 sq. ft illed Soil: quid: tals: Quid: SBBL BBL BBL - MCF	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil me of soil. r gal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mateinated Weights, Saturated Soil = Total Liquid =	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S N Volumes Loss uction Spilled: ce Damage 4,500 s .1033 a and Volumes 92,400 lk 21 B 92,400 lk 21 B	0 0% when the pill soad gal. liquid gal.	PPM (percentage) e liquid completely/ ked soll is containe id per gal. volume 0.25 gal. liquid per uid per gal. volum CU. H2O 0.0 BB 825 CU. 864 gal <u>Te;</u> NC	ed by b. e of soil ar gal. v. e of so ft. SL SL SL SL	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.
Recovered: Liquid holding factor *:	0.14 gal p ,500 sq. ft illed Soil: quid: tals: quid: BBL BBL BBL BBL BBL BBL C BBL BBL	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil me of soil. r gal. volume of soil. al volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surfac	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S N Volumes Loss uction Spilled: ce Damage 4,500 s .1033 a and Volumes 92,400 lk 21 B 92,400 lk 21 B	0 0% when the pill soad gal. liquid gal.	PPM (percentage) e liquid completely/ ked soli is containe id per gal. volume 0.25 gal. liquid pe uid per gal. volum Cu. H2O 0.0 BB 825 cu. 864 gal	ed by b. e of soil ar gal. v. e of so ft. SL SL SL SL	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.
Recovered: Liquid holding factor *: Total Solid/Liquid Volume: 4, <u>Estimated Volumes Sp</u> Liquid in : Free Lic To Total Liquid Spill Lic <u>Recovered Volumes</u> Estimated oil recovered: Estimated oil recovered: Estimated water recovered: Estimated water recovered: Separator gas calculated: Separator gas released: Gas released from oil:	0.14 gal p ,500 sq. ft illed Soil: quid: tals: guid: BBL BBL BBL BBL BBL - BBL - MCF - MCF - MCF - MCF - MCF - MCF	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil me of soil. r gal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mateinated Weights, Saturated Soil = Total Liquid =	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S N Volumes Loss uction Spilled: ce Damage 4,500 s .1033 a and Volumes 92,400 lk 21 B 92,400 lk 21 B	0 0% when the pill soad gal. liquid gal.	PPM (percentage) e liquid completely/ ked soll is containe id per gal. volume 0.25 gal. liquid per uid per gal. volum CU. H2O 0.0 BB 825 CU. 864 gal <u>Te;</u> NC	ed by b. e of soil ar gal. v. e of so ft. SL SL SL SL	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.
Recovered: Liquid holding factor *:	0.14 gal p ,500 sq. ft illed Soil: quid: tals: quid: BBL BBL BBL BBL BBL BBL C BBL BBL	* Sa * Gr * Sa * Clr	the followin nd = 0.08 avelly (calic ndy clay location ay loam = 0 ft. L L L	ng when the spill i gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per Cu. <u>OIL</u> 0.0 BBI 0.0 BBI 0.0 BB	wets the grain per gal. volu jal. liquid per ga gal. volume ft.	H2S Content in Percentage of Oil me of soil. r gal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mateinated Weights, Saturated Soil = Total Liquid =	Tank Vapors: in Free Liquid Recovered: Use the following v Occurs when the s * Clay loam = 0.20 * Gravelly (caliche) * Sandy loam = 0.5 S N Volumes Loss uction Spilled: ce Damage 4,500 s .1033 a and Volumes 92,400 lk 21 B 92,400 lk 21 B	0 0% when the pill soad gal. liquid gal.	PPM (percentage) e liquid completely/ ked soll is containe id per gal. volume 0.25 gal. liquid per uid per gal. volum CU. H2O 0.0 BB 825 CU. 864 gal <u>Te;</u> NC	ed by b. e of soil ar gal. v. e of so ft. SL SL SL SL	arriers, natural (or n l. rolume of soil. il. Cu. OIL 0.0 BBI	ot). ft.