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**

JUN 1 4 2018

Form C-141 Revised April 3, 2017

1220 South St. Francis Dr.

Oil Conservation Division DISTRICT HARTESTA DE Propriate District Office in accordance with 19.15.29 NMAC.

Santa Fe, NM 87505 Release Notification and Corrective Action

MARIA	11150	130	ICI	ase monne	atioi	OPERA?		Cuon		l Report	П	Final Report	
			(OGRID #21795	(5)	Contact: Robert McNeill								
			nd, TX 79701		Telephone No. 432-683-7443								
Facility Nar	ne: Canva	isback 13 Fe	02H		Facility Type: Flowline								
Surface Ow	ner: Fed	leral	Mineral O	wner:	Federal			API No. 30-015-40538					
				LOCA	TIO	N OF RE	LEASE						
Unit Letter Section Township Range Feet from the North						/South Line Feet from the		East/\	West Line	County Eddy			
Latitude 32.214831 Longitude -103.722968 NAD83													
NATURE OF RELEASE													
Type of Rele	ase	Volume of Release 25 bbl.			Volume Recovered 0 bbl.								
Source of Release							Date and Hour of Occurrence			Date and Hour of Discovery			
Flowline Leak Was Immediate Notice Given?						June 13, 2018 2:00pm June 13, 2018 2:00pm If YES, To Whom?							
☐ Yes ☐ No ☐ Not Required						, and the second							
By Whom? S	heldon Hite		Date and Hour: June 13, 2018 4:08pm										
Was a Watercourse Reached? ☐ Yes ☒ No						If YES, Volume Impacting the Watercourse.							
If a Watercourse was Impacted, Describe Fully.*													
•													
Describe Cause of Problem and Remedial Action Taken.*													
				he flowline is being	g replac	ced.							
Describe Are	a Affected	and Cleanup A	Action Tal	ken.*									
The release was in the pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to 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.													
				is true and compl									
				nd/or file certain re ce of a C-141 repor									
should their	operations h	nave failed to a	dequately	investigate and re	mediat	e contaminat	ion that pose a th	reat to g	round water	, surface wa	ater, hu	man 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.													
leuciai, state	, or local la	ws and/or regu	nations.		$\overline{}$		OII CON	ICERI	/ATION	DIVISIO	<u></u>		
Signature: Deliver (Mark)											<u> </u>		
Signature:		Approved by Environmental Specialist. All Susances											
Printed Name	e:												
Title:		HSE Admir	istrative	Assistant		Approval Date: 4/15/18 Expiration Date: N/H							
E-mail Address: agrant@concho.com Conditions of Approval: Attached								Attached	, ,,	Jana			
Date: June 14, 2018 Phone: (432) 253-4513							JED-48/2					-4810	

^{*} Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 6/14/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 48/3 has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 7/14/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

Bratcher, Mike, EMNRD

From: DeAnn Grant <agrant@concho.com>

Sent: Thursday, June 14, 2018 1:00 PM **To:** Bratcher, Mike, EMNRD; Tucker, Shelly

Cc: Weaver, Crystal, EMNRD; jamos@blm.gov; Sheldon Hitchcock; Dakota Neel; Rebecca

Haskell; DeAnn Grant

Subject: (C-141 Initial) Canvasback 13 Federal #002H (30-015-40538) 06-13-2018

Attachments: (C-141 Initial) Canvasback 13 Federal #002H (30-015-40538) 06-13-2018.pdf

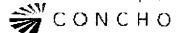
Mr. Bratcher/Ms. Tucker,

Please find the attached Initial C-141 for your consideration. If you have any questions or concerns please contact me.

Thank you,

DeAnn Grant

HSE Administrative Assistant
agrant@concho.com
COG Operating LLC
600 W Illinois Avenue | Midland, TX 79701
Direct: 432-253-4513 | Main: 432.683.7443



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Bratcher, Mike, EMNRD

From: Sheldon Hitchcock <SLHitchcock@concho.com>

Sent: Wednesday, June 13, 2018 4:08 PM

To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Price, Henryetta

Cc: Robert McNeill; Rebecca Haskell; Dakota Neel; Christopher Gray; DeAnn Grant

Subject: (Notification) Canvasback 13 Federal #002H (30-015-40538) 6/14/2018

Mr. Bratcher/Ms. Price,

COG Production, LLC (OGRID# 217955) is reporting a release from a flowline associated with the Canvasback 13 Federal #002H.

Release Location:

ULSTR: I-S13-T24S-R31E

Lat/Long: 32.214540 -103.722975

Date of Release: 6/13/2018

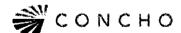
Release Volume: >25bbls of produced water

Recovery Volume: On going

COG will have the release evaluated and will submit an initial C-141. If you have any questions or concerns please do not hesitate to contact me.

Thank You,

Sheldon L. Hitchcock
HSE Coordinator
COG Operating LLC
2407 Pecos Avenue | Artesia, NM 88210
Cell: 575-703-6475 | Office: 575-746-2010
slhitchcock@concho.com



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