

State of Colorado Oil and Gas Conservation Commission

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Document Number:

403065544

Date Received:

06/06/2022

Spill report taken by:

Spill/Release Point ID:

SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	Phone Numbers
Address: P O BOX 173779		Phone: (720) 929-4306
City: DENVER State: CO Zip: 80217-3779		Mobile: ()
Contact Person: Erik Mickelson		Email: Erik.Mickelson@oxy.com

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403065544

Initial Report Date: 06/02/2022 Date of Discovery: 06/02/2022 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR NESE SEC 1 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.252880 Longitude: -104.717620

Municipality (if within municipal boundaries): County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: WELL SITE

☐ Facility/Location ID No

Spill/Release Point Name: HSR-Smolowe 9-1A

☒ Well API No. (Only if the reference facility is well) 05-123-15099☐ No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): Unknown

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Stray soil gas

Has the subject Spill/Release been controlled at the time of reporting? No

Land Use:

Current Land Use: CROP LAND

Other(Specify):

Weather Condition: Sunny 80°F

Surface Owner: FEE

Other(Specify):

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

During plugging and abandonment activities at the HSR-Smolowe 9-1A wellhead, five shallow soil vapor points (SVPs) were installed in the vicinity of the wellhead. On May 18, 2022, methane was detected with field screening equipment at SVP04 and SVP05. WSP collected samples from all five SVPs using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a GEM 5000. The samples were submitted to IsoTech for gas composition analysis. Results from the gas composition analysis were received from IsoTech on June 1, 2022 and indicated the presence of a trace concentration of thermogenic gas. The results are attached to this report. An investigation into the nature and source of the soil gas is on-going. The assessment details will be summarized in a supplemental Form 27 report (Remediation No. 22828; Form 27 Initial Document No. 403020116). The topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/2/2022	Surface Owner	Surface Owner	-	Notified via telephone
6/2/2022	Weld County	Weld County	-	Notified via email

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

No	<p>Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.</p> <p>Waters of the State: _____ Public Water System: _____</p> <p>Residence or Occupied Structure: _____ Livestock: _____</p> <p>Wildlife: _____ Publicly-Maintained Road: _____</p>
No	<p>Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.</p>
No	<p>Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.</p>
No	<p>Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak</p> <p>Enter the approximate time of discovery _____ (HH:MM)</p> <p>Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 _____</p> <p>Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? _____</p> <p>Enter the Document Number of the Initial Accident Report, Form 22 _____</p> <p>Was there damage during excavation? _____</p> <p>Was CO 811 notified prior to excavation? _____</p>
No	<p>Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.</p> <p>Estimated Volume of Impacted Solids (cu. yd.): _____</p>
No	<p>Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:</p> <p><input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water</p> <p><input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater</p> <p><input type="checkbox"/> The presence of contaminated soil in contact with Groundwater</p> <p><input type="checkbox"/> The presence of contaminated soil in contact with Surface water</p>

No	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylights from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.
	<input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
Yes	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 06/02/2022		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE			<input checked="" type="checkbox"/>

specify: Stray soil gas

Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO

*Secondary containment, **including walls & floor regardless of construction material**, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit

Impacted Media (Check all that apply) ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): _____ Width of Impact (feet): _____

Depth of Impact (feet BGS): _____ Depth of Impact (inches BGS): _____

How was extent determined?

Assessment and remediation activities are ongoing. The analytical results and assessment details will be provided in a supplemental Form 27 report (Remediation No. 22828; Form 27 Initial Document No. 403020116).

Soil/Geology Description:

Clayey Sand (SC)

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest	Water Well <u>3220</u>	None <input type="checkbox"/>	Surface Water <u>620</u>	None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
	Livestock <u>3080</u>	None <input type="checkbox"/>	Occupied Building <u>970</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/02/2022

Root Cause of Spill/Release Unknown (Historical)

Other (specify) _____

Type of Equipment at Point of Spill/Release: Wellhead Line

If "Other" selected above, specify or describe here:

Describe Incident & Root Cause (include specific equipment and point of failure)

During plugging and abandonment activities at the HSR-Smolowe 9-1A wellhead, five shallow soil vapor points (SVPs) were installed in the vicinity of the wellhead. On May 18, 2022, methane was detected with field screening equipment, and samples were collected for gas composition analysis from all five SVPs. Results from the analysis were received on June 1, 2022 and indicated the presence of a trace concentration of thermogenic gas. The volume of the stray gas release is unknown.

Describe measures taken to prevent the problem(s) from reoccurring:

An investigation to determine the source of the soil gas is ongoing.

Volume of Soil Excavated (cubic yards): _____

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): _____

Volume of Impacted Surface Water Removed (bbls): _____

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

- Basis for Closure:
- ☐ Corrective Actions Completed (documentation attached, check all that apply)
 - ☐ Horizontal and Vertical extents of impacts have been delineated.
 - ☐ Documentation of compliance with Table 915-1 is attached.
 - ☐ All E&P Waste has been properly treated or disposed.
 - ☒ Work proceeding under an approved Form 27 (Rule 912.c).
 - Form 27 Remediation Project No: 22828
 - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Erik Mickelson

Title: Senior HSE Advisor Date: 06/06/2022 Email: Erik_Mickelson@oxy.com

COA Type	Description

Attachment List

Att Doc Num	Name
403065916	TOPOGRAPHIC MAP

403065917	CORRESPONDENCE
403065920	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)