

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401056830

Date Received:

06/03/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

445916

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

| | | |
|---|--------------------|-------------------------------|
| Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP | Operator No: 47120 | Phone Numbers |
| Address: P O BOX 173779 | | Phone: (970) 335-3600 |
| City: DENVER State: CO Zip: 80217-3779 | | Mobile: (970) 515-1238 |
| Contact Person: Sam LaRue | | Email: Sam.LaRue@anadarko.com |

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401055055

Initial Report Date: 05/27/2016 Date of Discovery: 05/27/2016 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 31 TWP 4N RNG 66W MERIDIAN 6

Latitude: 40.267376 Longitude: -104.825587

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY ☐ Facility/Location ID No ☐
☒ No Existing Facility or Location ID No.
☐ Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

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

Were Five (5) barrels or more spilled? No

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

Estimated Oil Spill Volume(bbl): Unknown Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): Unknown

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Land Use:

Current Land Use: CROP LAND Other(Specify):

Weather Condition: 60's, Overcast

Surface Owner: FEE Other(Specify):

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☒ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

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

While performing construction work at the HSR-Hall 64N66W31NWSW production facility, impacts were encountered beneath the partially buried produced water sump. Groundwater was encountered in the excavation at a depth of approximately eleven (11) feet below ground surface (bgs). A groundwater sample (GW01) was collected and submitted to Origins Laboratory in Denver, Colorado, for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA method 8260. Analytical results received on May, 27, 2016 indicated that the benzene, toluene, and total xylenes concentrations exceeded COGCC Table 910-1 standards. Excavation activities at the site are ongoing, and further information will be provided in a forthcoming Form 19 Supplemental Release Report.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|-----------|--------------|--------------|----------|----------|
| 5/27/2016 | County | Roy Rudisill | -- Email | |
| 5/27/2016 | County | Tom Parko | -- Email | |
| 5/27/2016 | County | Troy Swain | -- Email | |
| 5/27/2016 | Land Owner | Private | -- Phone | |

SPILL/RELEASE DETAIL REPORTS

| | | | |
|-----------------|--------------------------------------|-----------------|-------------------------------------|
| #1 | Supplemental Report Date: 06/01/2016 | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
| OIL | | | <input checked="" type="checkbox"/> |
| CONDENSATE | | | <input checked="" type="checkbox"/> |
| PRODUCED WATER | | | <input checked="" type="checkbox"/> |
| DRILLING FLUID | 0 | 0 | <input type="checkbox"/> |
| FLOW BACK FLUID | 0 | 0 | <input type="checkbox"/> |
| OTHER E&P WASTE | 0 | 0 | <input type="checkbox"/> |

specify: _____

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): 41 Width of Impact (feet): 32

Depth of Impact (feet BGS): 11 Depth of Impact (inches BGS): 0

How was extent determined?

While performing construction work at the HSR-Hall 64N66W31NWSW production facility, impacts were encountered beneath the partially buried produced water sump. Approximately 220 cubic yards of impacted material were excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Excavation activities were guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Eight (8) soil samples were collected from the sidewalls of the final extent of the excavation area at approximately 10 feet below ground surface (bgs). Soil samples were submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by USEPA Method 8260C, TPH - diesel and oil range organics (DRO and ORO) by United States Environmental Protection Agency (USEPA) Method 8015, electrical conductivity (EC), and pH. Analytical results indicated that constituent concentrations in soil samples collected from the final lateral extent of the excavation area were below the applicable COGCC Table 910-1 standards. Groundwater was encountered within the excavation area at approximately 11 feet bgs. A groundwater sample (GW01) was subsequently collected from the excavation and submitted for laboratory analysis of BTEX by USEPA Method 8260C. Analytical results received on May 27, 2016, indicated that the benzene, toluene, and total xylenes concentrations exceeded COGCC Table 910-1 standards. On May 31, 2016, approximately 80 barrels of groundwater were removed from the excavation area via vacuum truck and transported to a licensed injection facility for disposal. A second groundwater sample (GW02) was subsequently collected from the excavation and submitted for laboratory analysis of BTEX by USEPA Method 8260C.

Soil/Geology Description:

| <u>COA Type</u> | <u>Description</u> |
|-----------------|--------------------|
| | |

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|--------------------|
| 401056959 | FORM 19 SUBMITTED |
| 401057593 | TOPOGRAPHIC MAP |
| 401057630 | SITE MAP |
| 401057632 | ANALYTICAL RESULTS |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)