

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400758511

Date Received:

12/23/2014

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

437569

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: WHITING OIL & GAS CORPORATION | Operator No: 96155 | Phone Numbers |
| Address: 1700 BROADWAY STE 2300 | | Phone: (970) 4073008 |
| City: DENVER State: CO Zip: 80290 | | Mobile: (432) 6616647 |
| Contact Person: Kyle Waggoner | | Email: kyle.waggoner@whiting.com |

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400624329

Initial Report Date: 06/10/2014 Date of Discovery: 06/09/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR Lot2 SEC 7 TWP 10N RNG 57W MERIDIAN 6

Latitude: 40.854253 Longitude: -103.802047

Municipality (if within municipal boundaries): na County: WELD

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 431527
 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? No

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? Yes

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

Estimated Oil Spill Volume(bbl): >=1 and <5 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=1 and <5

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

Specify:

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): livestock grazing

Weather Condition: partly cloudy

Surface Owner: FEE Other(Specify): Jack Fickus

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):

The well kicked creating a surge in the tanks causing the tanks to overflow resulting in the loss of ~6 bbls of produced water and ~2 bbls of crude oil within the containment. A light spray (~<0.25 bbl) misted onto the location. The containment and the location was wet due to the recent rainfall, therefore all liquids (including rainwater) were removed via vacuum truck to the maximum extent possible. Once dry, any remaining impacts above table 910-1 will be excavated.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|-----------|--------------|-------------|-------------|---|
| 6/10/2014 | Landowner | Jack Fickus | 970-4669205 | Mike Staab called and notified landowner. |

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 12/23/2014

| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
|-----------------|---------------|-----------------|--------------------------|
| OIL | <u>2</u> | <u>1</u> | <input type="checkbox"/> |
| CONDENSATE | <u>0</u> | <u>0</u> | <input type="checkbox"/> |
| PRODUCED WATER | <u>6</u> | <u>5</u> | <input type="checkbox"/> |
| DRILLING FLUID | <u>0</u> | <u>0</u> | <input type="checkbox"/> |
| FLOW BACK FLUID | <u>0</u> | <u>0</u> | <input type="checkbox"/> |
| OTHER E&P WASTE | <u>0</u> | <u>0</u> | <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): 90 Width of Impact (feet): 75

Depth of Impact (feet BGS): 4 Depth of Impact (inches BGS): 6

How was extent determined?

During excavation visual and olfactory observations were utilized to determine the extents. Confirmation soil samples were collected to determine the final extents.

Soil/Geology Description:

The release was confined to the well pad location - ascalon fine sandy loam, 0-6% slopes.

Depth to Groundwater (feet BGS) 60 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

| | | | | | |
|------------|-----------------|--|-------------------|-----------------|--|
| Water Well | <u> </u> | None <input checked="" type="checkbox"/> | Surface Water | <u> </u> | None <input checked="" type="checkbox"/> |
| Wetlands | <u> </u> | None <input checked="" type="checkbox"/> | Springs | <u> </u> | None <input checked="" type="checkbox"/> |
| Livestock | <u>600</u> | None <input type="checkbox"/> | Occupied Building | <u> </u> | None <input checked="" type="checkbox"/> |

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/23/2014

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown
 Other (specify) _____

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

The well kicked creating a surge in the tanks causing the tanks to overflow.

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

More frequent tank loadouts were scheduled to keep the fluid levels lower in the tanks in the event this happened again.

Volume of Soil Excavated (cubic yards): 230

Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment
 Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

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)

Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

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

Signed: _____ Print Name: Kyle Waggoner

Title: Field Regulatory Manager Date: 12/23/2014 Email: kyle.waggoner@whiting.com

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|--------------------|
| 400758622 | TOPOGRAPHIC MAP |
| 400758639 | ANALYTICAL RESULTS |
| 400758641 | DISPOSAL MANIFEST |
| 400758642 | SITE MAP |

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)