

State of Colorado Oil and Gas Conservation Commission



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

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☐ Site/Facility Closure ☒ Other (describe): Replace culvert skim pit

FOR OGCC USE ONLY

Received 7/30/2015

REM 9198

Document 2495259

Robert J Young

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

OGCC Operator Number: 53790

Name of Operator: MARKUS PRODUCTION, INC.

Address: 39 Fairway Ln

City: Littleton State: CO Zip: 80123

Contact Name and Telephone:

Mark Brown

No: 720-350-8858

Fax: none

API Number: 05-121-09919

County: Washington

Facility Name: Charles Jolly

Facility Number: ~~237418~~ Pit Facility ID 107650

Well Name: Charles Jolly

Well Number: 42A-6

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SENE Sec 6-3S-55W Latitude: 39.827151 Longitude: -103.581805

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.): Crude Oil

Site Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☒ N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): dry land farming

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: weld silt loam

Potential receptors (water wells within 1/4 mi, surface waters, etc.): nearest water well approximately 2225' to the East

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):

Extent of Impact:

How Determined:

☐

Soils

☐

Vegetation

☐

Groundwater

☐

Surface Water

REMEDIAL WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

Operator has well shut-in so no new fluids are put into the culvert skim pit.

Describe how source is to be removed:

All water will be removed from the skim pit and a back hoe will be used to dig out and remove the culvert skim pit. If any contaminated soil is discovered during the removal process it will be laid out on black plastic and bermed to prevent any run-off.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

In the event any contaminated soil is found, it will either be hauled to a licensed disposal facility or some portion of the material may be land farmed on-site and used for road and location maintenance.



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REMEDIATION WORKPLAN (Cont.)

Tracking Number: _____
Name of Operator: Markus Production, Inc.
OGCC Operator No: 53790
Received Date: 7/30/2015
Well Name & No: Charles Jolly 42A-26
Facility Name & No: Oil skim culvert Fac. ID 107650

OGCC Employee: Robert J Young

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

Not applicable

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

After removal of the existing culvert skim pit and any contaminated soil surrounding it, a soil sample will be taken from the bottom of the base of the pit area along with three sidewall samples from the excavation area. All samples will be tested in accordance with the Table 910-1 concentration levels, and if all samples comply then a new fully enclosed plastic skim tank will be placed in service at the same location. All clean soil material will be used to backfill around the new skim tank.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☐ N If yes, describe:

This information will be provided after all source material is removed from around and below the culvert skim pit.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

Clean Harbors Environmental - Deer Trail, Colorado disposal facility

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>7/14/15</u>	Date Site Investigation Completed: _____	Date Remediation Plan Submitted: <u>7/30/15</u>
Remediation Start Date: <u>8/15/15</u>	Anticipated Completion Date: <u>10/15/15</u>	Actual Completion Date: _____

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

Print Name: Mark E. Brown

Signed: _____

Title: President

Date: 7/30/15

OGCC Approved: _____ Title: NE EPS II Date: 7/30/2015

Markus Production, Inc.
Charles Jolly 42A-6 – Skim Pit Replacement
API# 05-122-09919
Attachment to Form 27
Site Plan with soil sampling location

