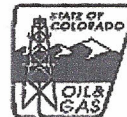




State of Colorado

Oil and Gas Conservation Commission

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



#7554

RECEIVED

FEB 21 2013

COGCC

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

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): _____

OGCC Operator Number: 10110

Name of Operator: Great Western Oil & Gas Co. LLC

Address: 1700 Broadway Suite 650

City: Denver State: CO Zip: 80290

Contact Name and Telephone:

Tom Rand

No: 303-398-0309

Fax: _____

API Number: 121-09201

County: Washington

Facility Name: Flessner 1-A

Facility Number: 236708

Well Name: Flessner

Well Number: 1-A

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SWSE, 30, 1S, 56W, 6 PM Latitude: 39.93817 Longitude: -103.69431

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: _____

Potential receptors (water wells within 1/4 mi, surface waters, etc.): None

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

Impacted Media (check):



Soils



Vegetation



Groundwater



Surface Water

Extent of Impact:

Oil on surface of ground around wellhead

How Determined:

Visible on the surface

REMEDIATION WORKPLAN

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

Isolated source on wellhead that was causing the oil on the ground. Contained oil to prevent it from running farther.

Describe how source is to be removed:

Scrape up contaminated soil and load onto a truck to haul to disposal. Dig down 6"-8" to make sure all contaminated soil is gone.

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.:

Impacted contaminated soil will be disposed of at Waste Management Buffalo Ridge.



REMEDIATION WORKPLAN (Cont.)

Tracking Number: 1761386
Name of Operator: Great Western Oil & Gas
OGCC Operator No: 10110
Received Date: 2/2/13
Well Name & No: Flessner 1-A
Facility Name & No: _____

OGCC Employee: John Axelsson

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

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.

Contaminated soil was located on lease road and around wellhead. After soil is removed, we will fill in the holes with gravel that is already on location. Additional road base will be delivered to cap the road. No reseeding will be need.

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:

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

Impacted Contaminated Soil taken to...

Waste Management

Buffalo Ridge

11655 CR 59

Keenesburg, CO 80643

(303) 732-0218

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: Feb 11, 2013 Date Site Investigation Completed: Feb 14, 2013 Date Remediation Plan Submitted: Feb 15, 2013
Remediation Start Date: Feb 18, 2013 Anticipated Completion Date: Feb 19, 2013 Actual Completion Date: Feb 19, 2013

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

Print Name: Tom Rand

Signed: [Signature]

Title: VP Operations

Date: February 21, 2013

OGCC Approved: [Signature]

Title: EPS

Date: 2/21/13

NON-HAZARDOUS WASTE MANIFEST		WM WASTE MANAGEMENT	229,441	1229884
1. Generator's Mailing Address & Phone Great Western Oil & Gas Co 970 685-9619		Generator's Project Address Fessner 1-A Woodrow, CO CR B-26		
2. Bill to: Great Western Oil BR 279		2a. Account #		
3. Transporter: Company Name Coalitz Trans.		3a. Transporter's Phone 303-666-7156		
4. Transporter: Company Name P.O. Box 636 Lafayette Co. 20026		4a. Transporter's Phone		
5. Designated Management Facility Name and Site Address Buffalo Ridge Landfill 11655 WCR 59 Keenesburg, CO 80643		5a. Facility's Phone (303) 732-0210		
6. Waste Code/Profile #	Waste Description	Quantity	Units	
1122400	Non Regulated Solid, -21.7 "Petroleum Impacted Soils"	15.17		
NON-FRIABLE ASBESTOS WASTE ONLY (Friable may not be shipped on this manifest)				
Waste Code/Profile #	Waste Description	Quantity	Units or Drums	
	Non-Friable Asbestos			
7. Regulatory Agency: Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246		24 HOUR EMERGENCY PHONE NUMBER (_ _ _) _ _ _ - _ _ _		
8. Contractor/Generator Certification: I hereby certify that the above described waste is not hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials. This waste has been accurately classified, described, packaged, marked and labeled and is in proper condition for transportation according to applicable international and governmental regulations.				
8a. Contractor/Generator				
Printed/Typed Full Name Mike Hettlinger		Signature (Full Name)		Month Day Year 02 19 03
9. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Full Name John Sandoval		Signature (Full Name)		Month Day Year 8 19 13
10. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Full Name		Signature (Full Name)		Month Day Year . . .
11. Discrepancy Indication Space Initials of Person noting discrepancy _____ Date _____				12. Ticket # 869258
13. Management Method/Location <input type="checkbox"/> Solidification <input type="checkbox"/> Monofill <input type="checkbox"/> Landfill <input type="checkbox"/> Bio-Beds Grid Location (if applicable): _____				
14. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 11.				
Printed/Typed Full Name		Signature (Full Name)		Month Day Year 2 19 13

CONTRACTOR'S COPY



7107186

Buffalo Ridge
11655 CR 59
Keenesburg, CO, 80643
Ph: (303)732-0218

Original
Ticket# 869238

Customer Name GREATWESTERNOILANDGASLLC GRE Carrier GALITZ TRANSPORTATIO TRUCKING INC GA
Ticket Date 02/19/2013 Vehicle# G-T 120 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000279
State Waste Code Gen EPA ID
Manifest 1229884
Destination Grid
PO FLESSNER 1-A
Profile 112504CO (PETROLEUM IMPACTED SOILS)
Generator 125-GREATWESTERNOILGAS GREAT WESTERN OIL AND GAS

Time	Scale	Operator	Inbound	Gross
In 02/19/2013 13:21:42	Scale 1	shaddock		61520 lb
Out 02/19/2013 13:21:42		shaddock		Tare 31180 lb
				Net 30340 lb
				Tons 15.17

Comments FLESSNER 1-A

Hours: M-F 7AM-4PM, Sat: 8AM-1PM

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-Tons 100		15.17	Tons				
2 FUEL-Fuel Surcharg 100			%				
3 EVF-L-Standard Env 100		1	Load				

John Sandoval

Total Tax
Total Ticket

Drive 403WM-N Signature