

State of Colorado  
**Oil and Gas Conservation Commission**



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

FOR OGCC USE ONLY

**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.

OGCC Employee:  
 Spill       Complaint  
 Inspection       NOAV  
 Tracking No:

**CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED**

Spill or Release     Plug & Abandon     Central Facility Closure     Site/Facility Closure     Other (describe): \_\_\_\_\_

OGCC Operator Number: <u>10128</u>	Contact Name and Telephone: <u>Annette Garrigues</u>
Name of Operator: <u>Bargath LLC</u>	No: <u>970-618-3329</u>
Address: <u>20219 County Road 5</u>	Fax: <u>970-285-5936</u>
City: <u>Rifle</u> State: <u>CO</u> Zip: <u>81650</u>	

API Number: <u>N/A</u>	County: <u>Garfield</u>
Facility Name: <u>Jangles Compressor Station</u>	Facility Number: <u>421719, See map submitted with the Form 19</u>
Well Name: <u>N/A</u>	Well Number: <u>N/A</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSE, S20,T6S, R96W, 6PM</u> Latitude: <u>39.504193</u> Longitude: <u>-108.131969</u>	

**TECHNICAL CONDITIONS**

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Condensate

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.): Irrigated Pasture

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Arvada Loam - silty clay loam

Potential receptors (water wells within 1/4 mi, surface waters, etc.): Depth to shallowest groundwater >50 ft based on soil boring data  
surface water: -274 feet (Jangles Ditch); -322 feet (unnamed intermittent drainage); -1,224 feet (Parachute Creek); Refer to attached SAD for additional inforamtion

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

Impacted Media (check):	Extent of Impact:	How Determined:
<input checked="" type="checkbox"/> Soils	<u>Refer to previously submitted Form 19 Tracking #2524424</u>	<u>Soil borings</u>
<input type="checkbox"/> Vegetation	_____	_____
<input checked="" type="checkbox"/> Groundwater	<u>Previously submitted groundwater analytical results</u>	<u>Monitoring wells</u>
<input type="checkbox"/> Surface Water	_____	_____

**REMEDIATION WORKPLAN**

Describe initial action taken (if previously provided, refer to that form or document):  
Please refer to previously submitted Form 19, Tracking # 2524424

Describe how source is to be removed:  
Please refer to Attachment - Remediation Work Plan

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.:  
Please refer to Attachment - Remediation Work Plan



Tracking Number: Name of Operator: OGCC Operator No: Received Date: Well Name & No: Facility Name & No:

Page 2 REMEDIATION WORKPLAN (Cont.)

OGCC Employee:

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

Please refer to Attachment - Remediation Work Plan

In the event petroleum-impacted groundwater is identified during a monitoring event at the point of compliance (POC) monitoring wells (MW13, MW14, MW15, MW16 or MW17) the land owner (Chevron USA) and the COGCC will be notified immediately.

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.

Proposed remediation work will be conducted in-situ. It is anticipated that reclamation will consist of plugging and abandoning injection wells according to Colorado State Engineers Office Regulations.

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 [x] N If yes, describe:

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

Any drill cuttings and soil will be removed and disposed of at the ECDC facility in East Carbon, Utah

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 2/14/2011 Date Site Investigation Completed: 3/25/2011 Date Remediation Plan Submitted: 2/22/2013 Remediation Start Date: To be determined Anticipated Completion Date: To be determined Actual Completion Date: To be determined

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

Print Name: Annette Garrigues Signed: [Signature] Title: Environmental Specialist Date: 6/5/2013

OGCC Approved: Title: Date: