

State of Colorado
Oil and Gas Conservation Commission



FOR OGCC USE ONLY

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.

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>06385</u>	Contact Name and Telephone: <u>Gerald Jacob</u>
Name of Operator: <u>Evergreen Operating Corporation</u>	No: <u>(303) 298-8100</u>
Address: <u>1401 17th Street, Ste. 1200</u>	Fax: <u>(303) 298-7800</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number: <u>05-071-06062</u>	County: <u>Las Animas</u>
Facility Name: _____	Facility Number: _____
Well Name: <u>State of Colorado AT</u>	Well Number: <u>44-16</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SESE of Sec 16 T32S R66W 6th P.M.</u> Latitude: _____ Longitude: _____	

TECHNICAL CONDITIONS

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

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.): No cultivation, No irrigation, Livestock grazing

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

Potential receptors (water wells within 1/4 mi, surface waters, etc.): Nearest permitted water well - 2640 ft;

Nearest surface water - 600 ft.

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>Pit bottom and sides only</u>	_____
<input type="checkbox"/> Vegetation	<u>N/A</u>	_____
<input type="checkbox"/> Groundwater	<u>N/A</u>	_____
<input type="checkbox"/> Surface Water	<u>N/A</u>	_____

REMEDIALTION WORKPLAN

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

Produced water from this well is going to the Burro Canyon pond, discharge #191A. A form 26 has previously been submitted to allow it to go to the Cottontail Pass WD.

Describe how source is to be removed:

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.:

FORM
27
Rev 6/99

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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.):

No impact.

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.

Affected soils in the bottom of the pit will be covered with approximately 3 feet of unaffected soil taken from the berm created during pit excavation. All water is first removed from pit to extent possible with a vacuum truck. Pit is dried to feasible extent prior to closure. Soil from wall of pit and any other soils potentially exposed to produced water are pushed to bottom of pit. Affected soils are covered with a total of at least 3 feet of native unaffected subsoil and topsoil (if available) previously removed during construction. This practice is intended to provide adequate rooting material for plants used in reclamation. Subsoil and rock fragments will first be used to backfill the pit followed by finer subsoil and topsoil. Some stockpiled soil could be saved for later use during recontouring of the area surrounding the pit. The well is and will continue to be operational so only the onsite pit will be closed in this manner.

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.):

Produced water going to COGCC permitted pond.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: _____ Date Site Investigation Completed: _____ Date Remediation Plan Submitted: _____
Remediation Start Date: _____ Anticipated Completion Date: _____ 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: Gerald Jacob

Signed: Gerald Jacob

Title: EHS Manager

Date: 4/1/03

OGCC Approved: _____ Title: _____ Date: _____