



#3499

FORM  
27  
Rev 6/99

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):

RECEIVED  
JUL 05 2005  
COGCC  
OGCC Employee  
☐ Spill ☐ Complaint  
☐ Inspection ☐ NOAV  
Tracking No:

OGCC Operator Number: <u>21180</u>	Contact Name and Telephone:
Name of Operator: <u>CREDO PETROLEUM CORPORATION</u>	
Address: <u>1801 BROADWAY SUITE 900</u>	No:
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Fax:
API Number: <u>05-087-07893</u> County: <u>MORGAN</u>	
Facility Name:	Facility Number: <u>227150</u>
Well Name: <u>TIMPE</u>	Well Number: <u>1</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SW NE 6, 1N, 56W 6</u> Latitude: Longitude:	

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.):

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.):

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>oil stained soils in/around lease site</u>	<u>visual inspection</u>
<input type="checkbox"/> Vegetation		
<input type="checkbox"/> Groundwater		
<input checked="" type="checkbox"/> Surface Water	<u>oil on produced water evap pit</u>	<u>visual inspection</u>

REMEDIALATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):  
Vac truck brought in to pull oil off pit & place in prod tank(s) on 2 occasions  
1) April 4, 2005 & 2) June 3, 2005 - Copies of invoices attached.

Describe how source is to be removed:  
Source of oil on pit is faulty dump in heater treater. Repair/replacement of dump will occur before well is returned to production. That should eliminate further oil spills into the production pit.

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.:  
See attached proposal f/ WESTERN CLEAN-UP



Page 2  
REMEDIAL WORKPLAN (Cont.)

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

RECEIVED

JUL 05 2005

COGCC

OGCC Employee:

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

-NA-

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.

Reclamation of original lease road. No recontouring is planned. Native soil (sand) is very fragile and above-average rainfall has established good start to native plants & grasses. We would supplement this growth by disking grass seed & manure into areas grown to sand plowing. Surface owner does not want any attempt to re-contour. Reclamation of oil-stained soil on lease-site. (See attached plan prepared by WESTERN CLEAN-UP).

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:

No samples taken

Follow-up inspection of lease will be made.

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

Disposed on site.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 4/5/05 Date Site Investigation Completed: 5/16/05 Date Remediation Plan Submitted: 6/30/05  
Remediation Start Date: est 7/15/05 Anticipated Completion Date: 8/15/05 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: JEFFREY E. CARLSON

Signed: Jeffrey E. Carlson

Title: OPERATIONS MANAGER

Date: 6/30/05

OGCC Approved: Gandell N. Taylor

Title: EPS

Date: 8/29/05

\* See letter of conditional approval dated 8/29/05