

State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

REM 9429

Document 2144777

Date 11/24/2015

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: 95960

Name of Operator: Wexpro Company

Address: PO Box 458

City: Rock Springs State: WY Zip: 82902

Contact Name and Telephone:

April Stegall

No: 307.352.7561

Fax: 307.352.7583

API Number: 05-081-05473

County: Moffat

Facility Name: Carl Allen 6 Pit

Facility Number: 100688/100687

Well Name: Carl Allen

Well Number: 6

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SWSE-33-12N-97W Latitude: 40.951177 Longitude: -108.292329

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.): Rangeland, Non-cropland

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Tresano- Hiatha- Kandalay

Potential receptors (water wells within 1/4 mi, surface waters, etc.): 1922' from natural drainage

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

Impacted Media (check):



Soils



Vegetation



Groundwater



Surface Water

Extent of Impact:

Unknown

How Determined:

Visual

REMEDIAL WORKPLAN

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

Based on historic imagery, the water drain pit was closed between 2006 and 2011 and the production pit was closed after 2011.

Describe how source is to be removed:

It is unknown how source was removed. No past analysis or documentation is on record.

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.:

To be determined once soil analysis is recieved.



REMEDIATION WORKPLAN (Cont.)

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

OGCC Employee: _____

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.

Wexpro intends to obtain a sample of the pit bottom and a sample of the side wall where the load line was present. Offsite samples will also be obtained for analysis. All samples will be tested per Table 910-1. Due to pit being closed, core samples will be obtained using a backhoe, posthole digger or small auger. Original pit was approximately 5 feet deep.

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.):

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 7/15/2015 Date Site Investigation Completed: TBD Date Remediation Plan Submitted: 11/24/2015
Remediation Start Date: FALL 2016 Anticipated Completion Date: FALL 2016 Actual Completion Date: TBD

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

Print Name: April Stegall

Signed: _____

Title: Reclamation Agent

Date: 11/24/2015

OGCC Approved: _____

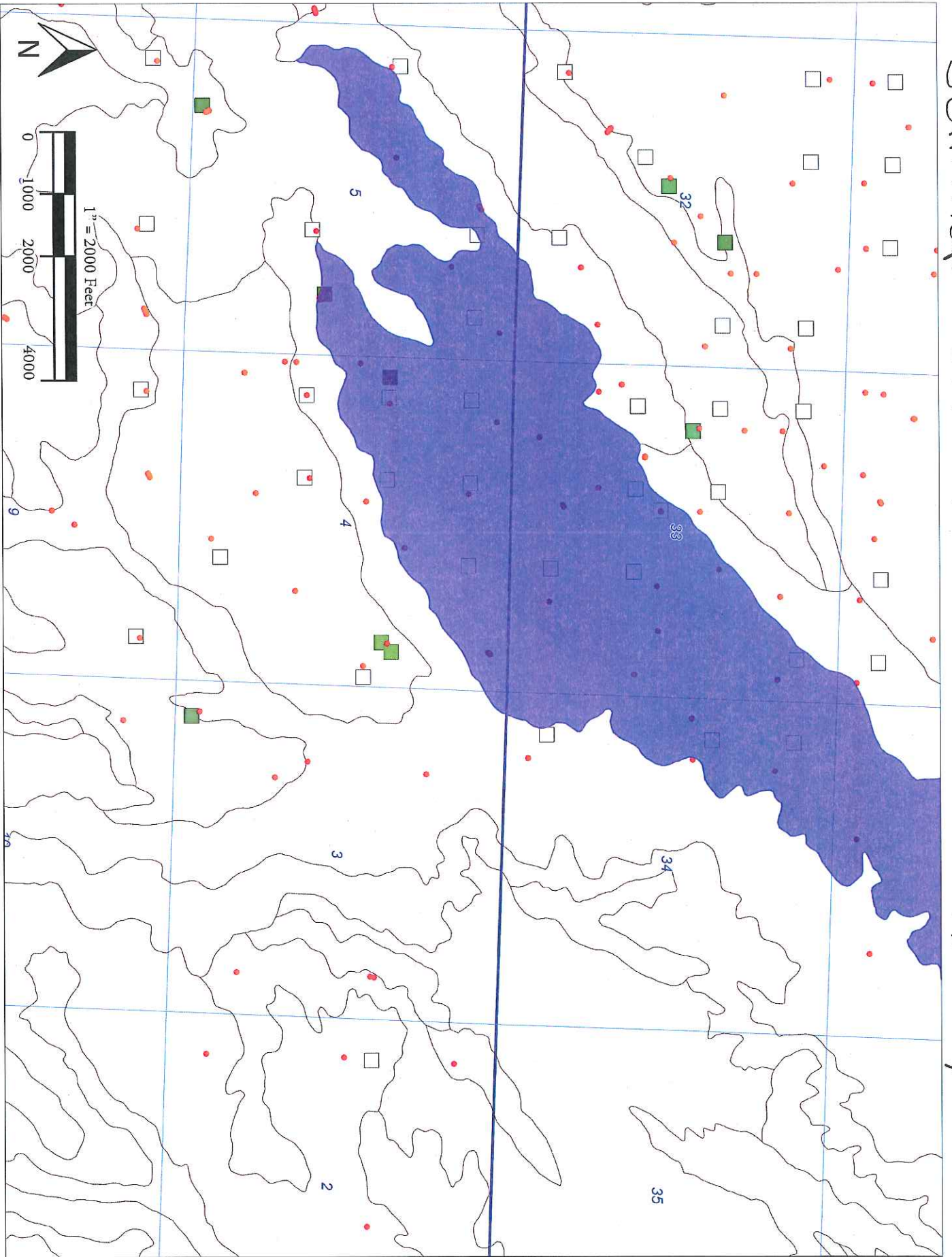
Title: EPS

Date: 12/31/15

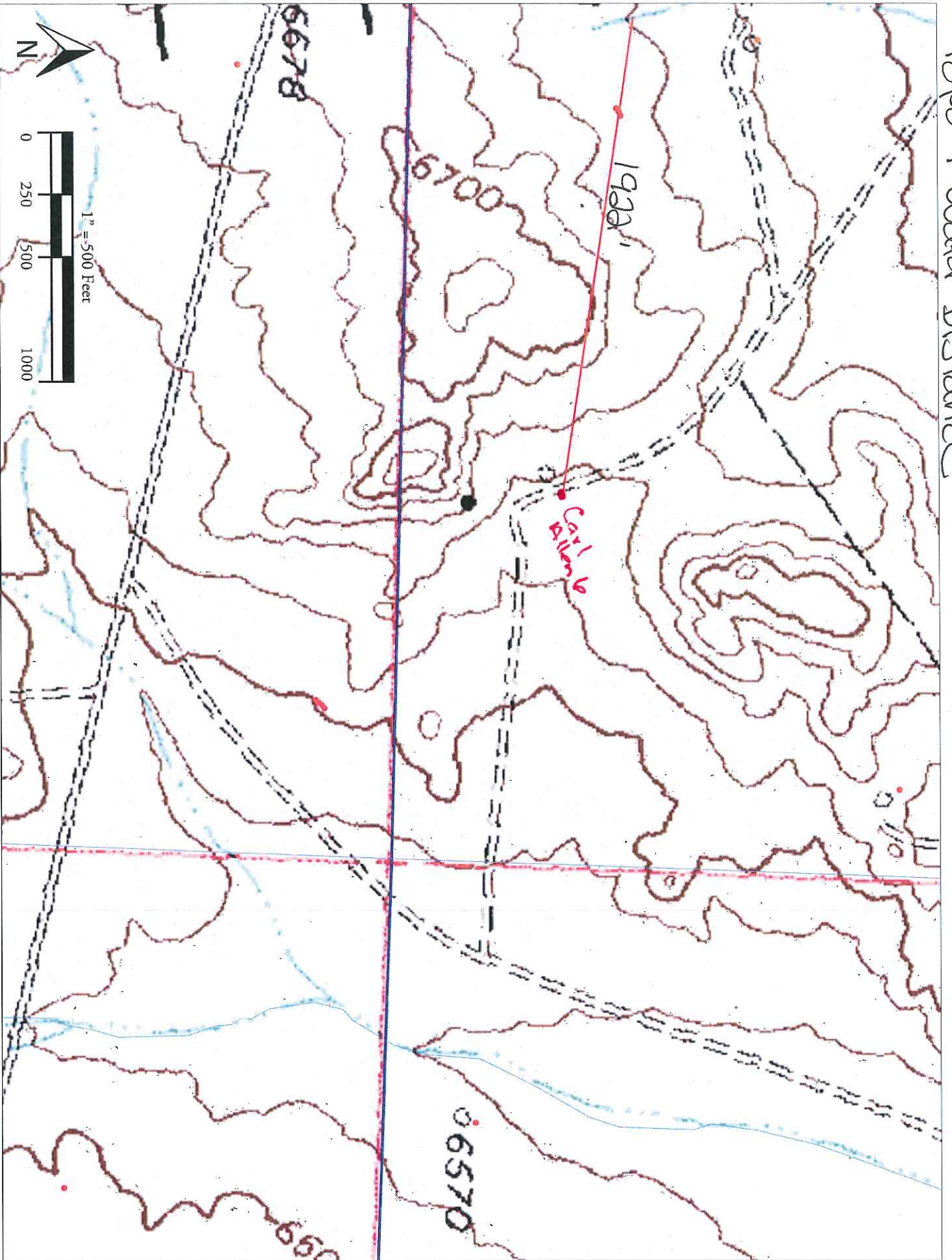
See Attached COA's

- The Southernmost pit appears to have been closed between 2009-2011 per COGIS aerials
- The vertical and horizontal extent of the pit should be determined through the soil investigation.
- Discrete samples (minimum of 3-5) should be taken from pit wall; with at least one from the true pit bottom. Samples should be taken to adequately characterize any impact from pit.
- Samples should be analyzed for table 910-1.
- Guidance for sample locations should be taken from rule 910.b(3)B
- Final Reclamation should comply with 1000 series rules.
- Request for Closure will NOT be approved without Operator providing notice to Environmental staff Kris Neidel (kris.neidel@state.co.us) or 970-871-1963 72hrs prior to mobilization at begin of work.
- The Lat/Long provided on Form was for wellhead, operator should provided Lat/Long for pits at request for No Further Action.

Soil map Carl Allen & Treasure Hill - Kendall



Topo | Water Distance



Carl Allen 4

water drain pit

proposed

Carl Allen 6

pit wall sample
pit floor sample

offsite #1

offsite #2

offsite #3


Legend



Carl Allen 6

2006 historical imagery

water drain pit

 Carl Allen 6

Legend

Google earth

Image USDA Farm Service Agency

100 ft



Carl Allen
production pit propo

Legend

pit floor sample
pit-wall sample

Carl Allen 6

offsite #1
offsite #2

offsite #3

Google earth



80 ft



Carl Allen 6

production pit- historic imagery 2011

Legend

-  Feature 1
-  Untitled Path

 Carl Allen 6

Google earth

Image USDA Farm Service Agency

100 ft

