

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

REM 9563

Document 2525963

Date 03/04/2016

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 Employee:

☐ Spill ☐ Complaint☐ Inspection ☐ NOAV

Tracking No:

OGCC Operator Number: 95960

Name of Operator: Wexpro Company

Address: Po box 458, 2221 Westgate Drive

City: Rock Springs State: WY Zip: 82902

Contact Name and Telephone:

April Stegall

No: 307.352.7561

Fax: 307.352.7583

API Number: 05-081-06229

County: Moffat

Facility Name: BW Musser 21 Pit

Facility Number: 100385

Well Name: BW Musser

Well Number: 21

Location: (QtrQtr, Sec, Twp, Rng, Meridian): NENE-9-11N-97W-6 Latitude: 40.933381 Longitude: -108.289444

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-Kandaly

Potential receptors (water wells within 1/4 mi, surface waters, etc.): 518' from stream

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:

Soil Analysis

Visual

REMEDIALATION WORKPLAN

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

Visual inspection. Based on historic imagery, the pit appears to have been closed between 2011 and 2014.

Describe how source is to be removed:

It is unknown how the source was removed. No past analysis or documentation is on record. Wexpro intends to take a sample of the pit bottom at a depth of 8.5 feet and 3 individual samples of the sidewalls at a depth of 4 feet (see proposed sampling sheet). Offsite samples will also be obtained for analysis. All samples will be tested per Table 910-1. Due to pit being closed, samples will be obtained using a backhoe, posthole digger or small auger.

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 after soil analysis.

FORM
27
Rev 6/99

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REMEDIAL WORKPLAN (Cont.)

Tracking Number: _____
Name of Operator: Wacpro
OGCC Operator No: 96960
Received Date: 3/4/16
Well Name & No: BW Musser 21
Facility Name & No: 100385, 312927

OGCC Employee: _____

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

N/A

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.

Once soil analysis meets Table 910-1 requirements, the pit will be re-contoured and seeded with the final reclamation of the well pad.

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:

Soil analysis.

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

N/A

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: Fall 2015 Date Site Investigation Completed: TBD Date Remediation Plan Submitted: 3/4/2016
Remediation Start Date: Spring 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: April Stegall
Title: Reclamation Agent Date: 3/4/2016

OGCC Approved: Kris Leibel Title: EPS STAFF Date: 3/15/16

See Conditions of Approval Below...


- The vertical and horizontal extent of the pit should be determined through the soil investigation. (the dimensions of the pit should be determined)
- 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.
- Work plan is approved; however additional information and remediation may be required during the course of investigation and remediation.


BW Musser 21 #100385

historic imagery-2005

*pit closed between
2011 and 2014*

Legend

 Feature 1


40.933381, -108.289444

 BW MUSSER 21

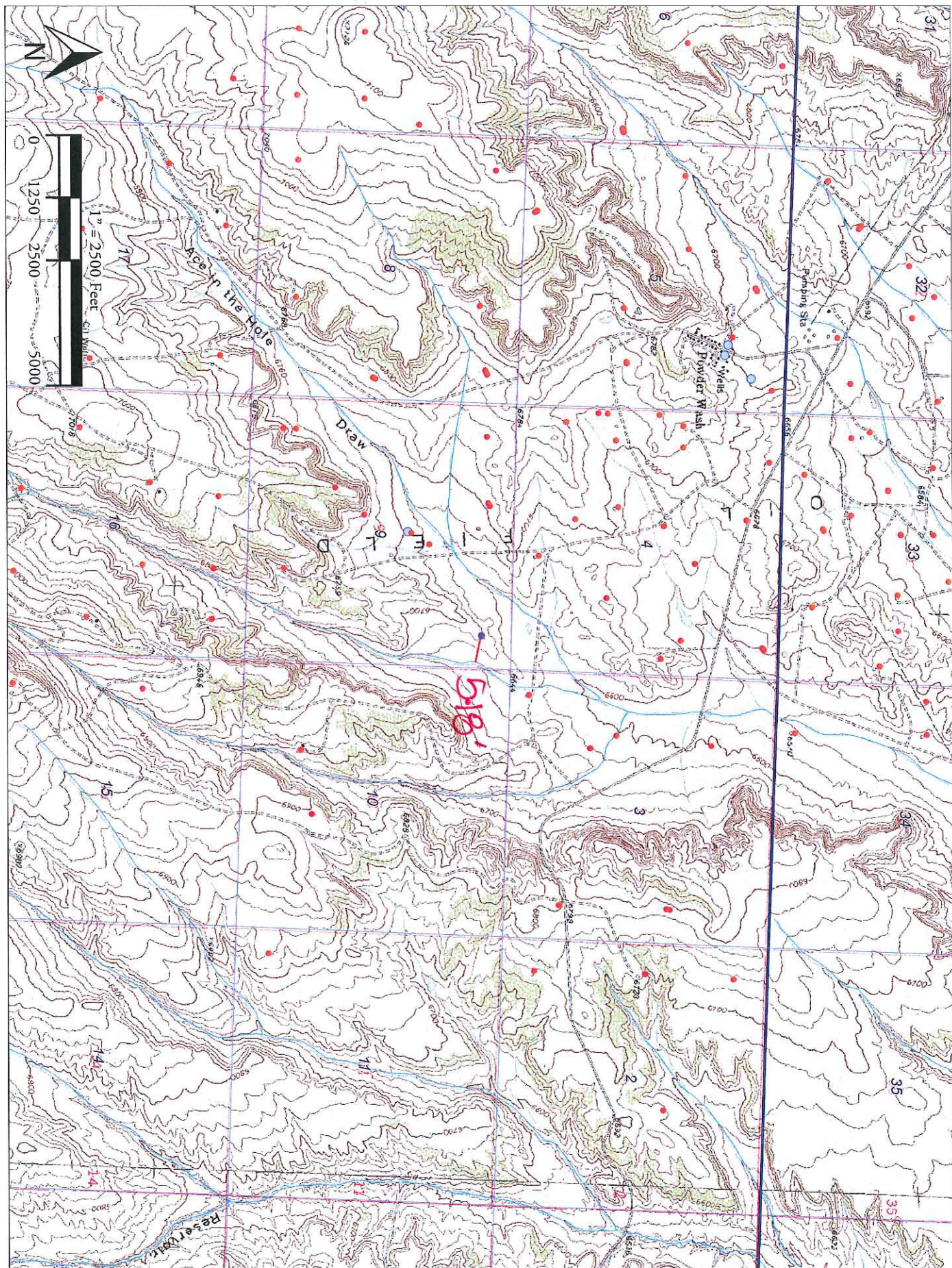
Google earth

Image USDA Farm Service Agency

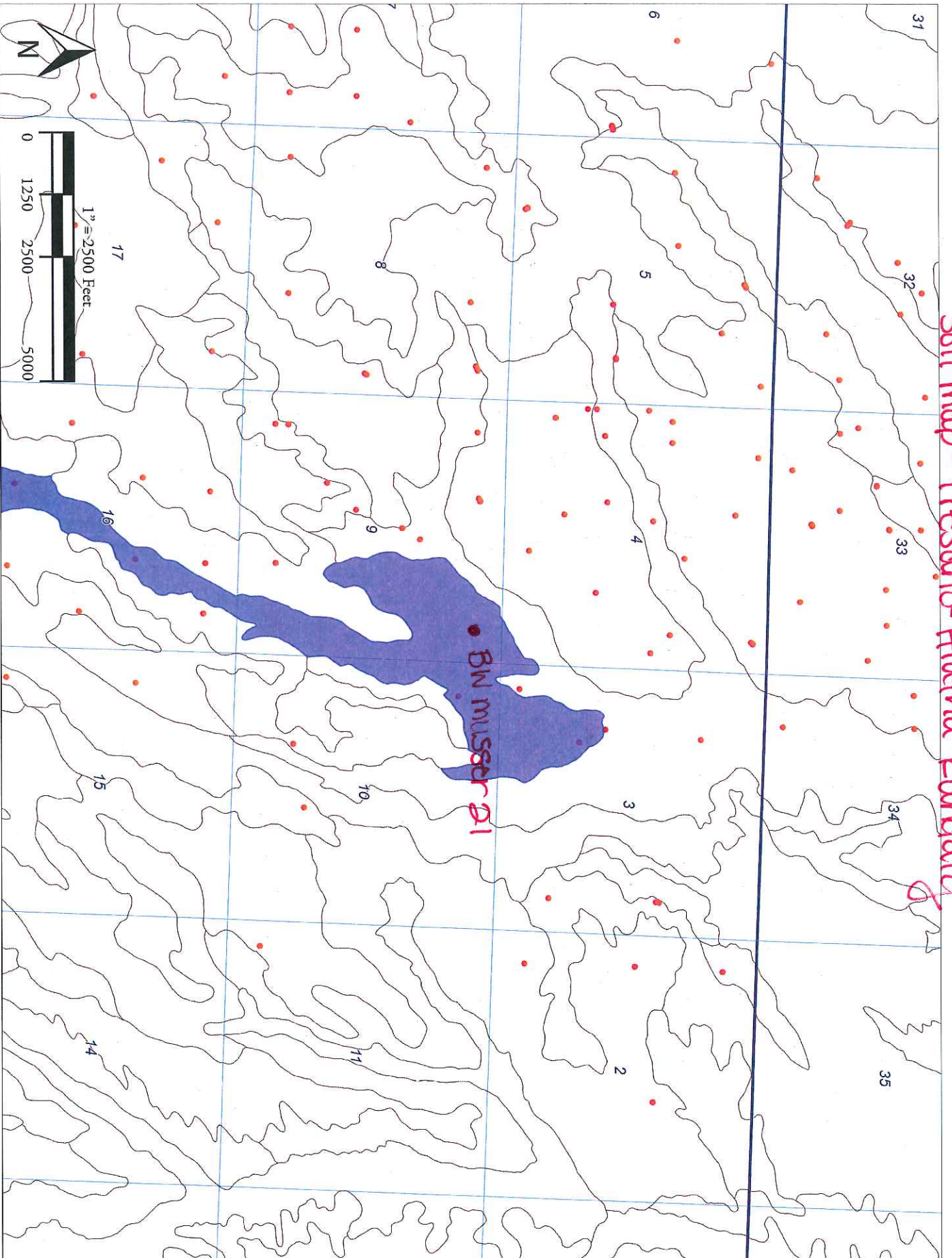
**proposed core sampling locations*

100 ft

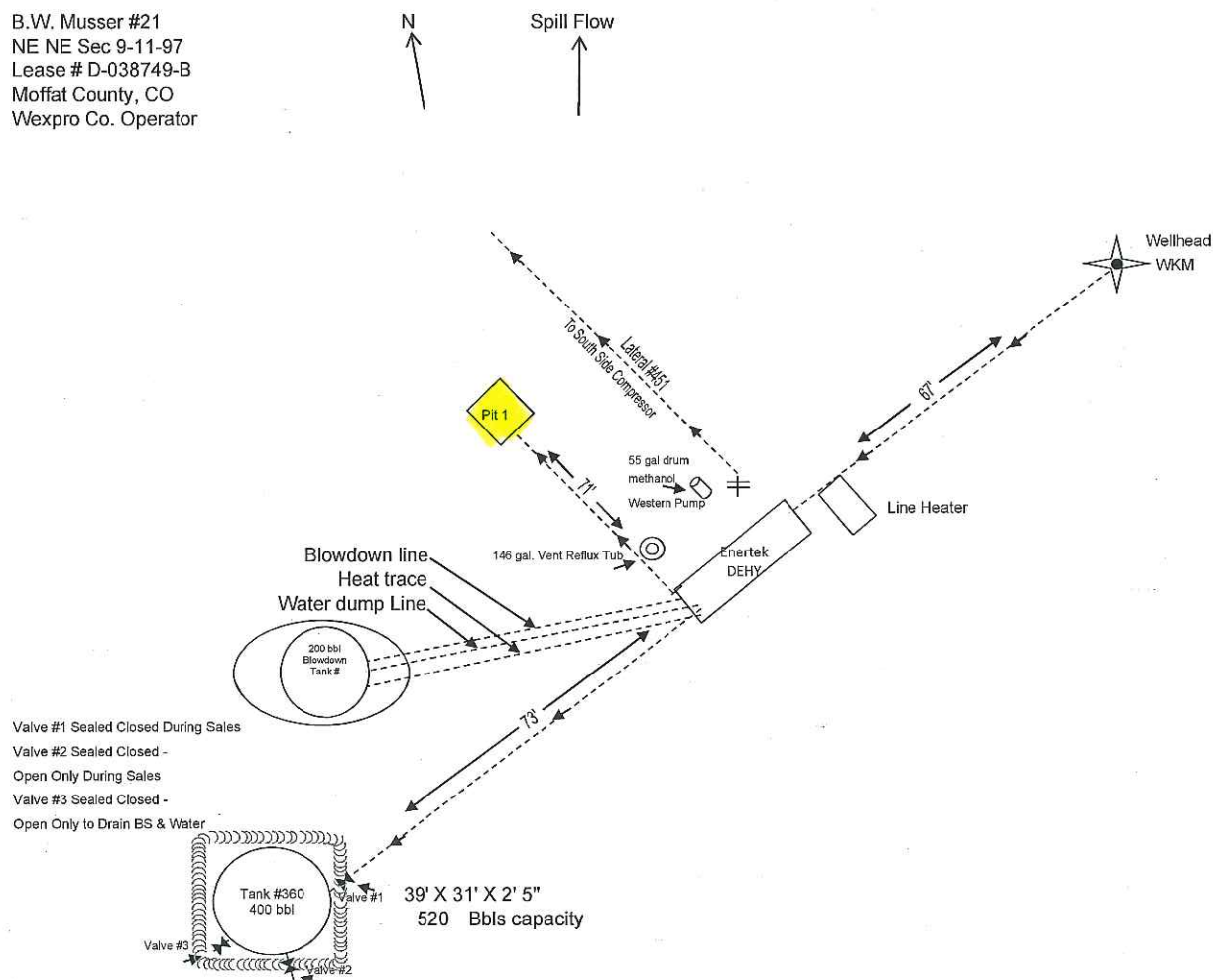




Soil map - Tresand-Haitha-Kandali



B.W. Musser #21
NE NE Sec 9-11-97
Lease # D-038749-B
Moffat County, CO
Wexpro Co. Operator



Revised 8/31/09