



BLEHM 18-1 PAD INTERIM RECLAMATION PLAN - CROP LAND

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Article I. Introduction

Facility Information

This document provides site-specific information for the Blehm 18-I Pad Form 2A as the Blehm 18-I Pad OGD. The information in this document relates specifically to the time during the construction, drilling, and completion of the twenty-four (24) proposed horizontal wells on this location.

The proposed location is Dry Land Crop located South of Hwy 14 between WCR 25 and WCR 27 with an access directly onto Highway 14. The Pad will be in Lot 3 Section 18, Township 7 North, Range 66 West zoned AG within Weld County's Near-Urban Planning Area. A 1041 WOGLA was filed as 1041WOGLA20-0083 on 12/3/2020 and approved at hearing on 1/21/2021.

The proposed Pad will be approximately 11.7 acres, reduced to 9.2 acres after interim reclamation. The Pad is on Parcels 070718000051 and 070718300004 owned by the Linda D Blehm Trust and David L Drake Trust. The location is currently used for farming.

The proposed production facility equipment for the Blehm 18-I Pad will be located within the Working Pad Surface adjacent to the wells and will consist of 10 oil tanks, 2 water tanks, 2 multi-use tanks, 26 separators, 1 Injection Manifold, 4 Meters, 1 Instrument Air System, 4 gas compressors, 5 enclosed combustion devices (ECD), 2 LACT Units, 8 Scrubbers, 2 Sumps, 1 Water Transfer Skid, and proposed electrical and/or solar equipment.

Phase	Duration (days)	Estimated Start Date
Construction	30	3 rd Quarter (Sept) 2021
Drilling	150	3 rd Quarter (Oct) 2021
Completion	180	2 nd Quarter (March) 2022
Flowback	60	3 rd Quarter (Sept) 2022
Production	25 Years	3 rd Quarter (Nov) 2022
Interim Reclamation	10	2 nd Quarter (May) 2023*

*or the first favorable growing season.

Article II. Site Specific Details

Vegetation

Location is in crop.
Crop was harvested and no weeds were present at time of onsite survey.

Soils

Total area of soil disturbance in acres including accesses, pipeline and utility corridors: approximately 13 acres.

Soil type(s): Olney fine sandy loam, 1 to 3 percent slopes, Olney fine sandy loam, 3 to 5 percent slopes

Additional soil details can be found excerpted attachment also submitted as the Preliminary Drainage Report as part of the approved Local Government Permit attached to the Form 2A.

Security

A meeting with the surface owner will occur after completions but before interim reclamation to determine a fencing plan if needed. The location will be adequately secured per 603.h to restrict access by unauthorized persons in accordance with the surface owner's requests.

Article III. Mitigation Measures and Best Management Practices

1003.a. General

When wells are completed for production, all disturbed areas no longer needed will be restored and revegetated as soon as practicable.

All well sites and surface production facilities shall be maintained in accordance with Rule 603.

Equipment, Weeds, Waste, and Trash: Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately when the trash bin is full. Operator shall keep the Surface Use Area as well as any roads or other areas used by Operator safe and in good order, including control of weeds litter and debris per Rule 606.

All E&P waste shall be handled according to the 900 Series rules.

All guy line anchors shall be brightly marked pursuant to Rule 603.j

1003.b. Areas no Longer in Use

All disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations or for subsequent drilling operations to be commenced within twelve (12) months, will be reclaimed as early and as nearly as practicable to their original condition or their final land use as designated by the surface owner and will be maintained to control dust and minimize erosion. If subsidence occurs in such areas, additional topsoil will be added to the depression and the land will be re-leveled as close to its original contour as practicable.

1003.c. Compaction Alleviation.

All areas compacted by drilling and subsequent oil and gas operations which are no longer needed following completion of such operations will be cross-ripped during interim reclamation prior to seeding. Compaction alleviation operations will be undertaken when the soil moisture at the time of ripping is below thirty-five percent (35%) of field capacity. Ripping will be undertaken to a depth of eighteen (18) inches unless bed rock is encountered at a shallower depth.

1003.d. Drilling pit closure

Location is closed loop. No pits on location, so no pit closure will be needed.

1003.e. Restoration and revegetation

All segregated soil horizons removed from crop lands will be replaced to their original relative positions and contour and will be tilled adequately to re-establish a proper seedbed and treated as needed for erosion control and invasive species prevention. Any perennial forage crops that were present before disturbance will be re-established.

Operator will be responsible for segregating the topsoil, backfilling, re-compacting any backfill, reseeding, and re-contouring the surface of any disturbed area so as not to interfere with Owner's operations and will reclaim such area to be returned to preexisting conditions as best as possible with control of all weeds.

Any areas reclaimed that will not be returned to farming operations will be planted with the recommended Weld County seed mix.

1003.f. Weed control

During drilling, production, and reclamation operations, all disturbed areas shall be kept as free of all undesirable plant species designated to be noxious weeds as practicable. Operator or contractor will conduct daily visual inspections for weeds.

Interim Reclamation Completion Notice

Bayswater will submit a Form 4 Sundry Notice describe reclamation procedures, associated mitigation measures, changes to final land use, and the total cover of live perennial vegetation to evaluate the success of interim reclamation.

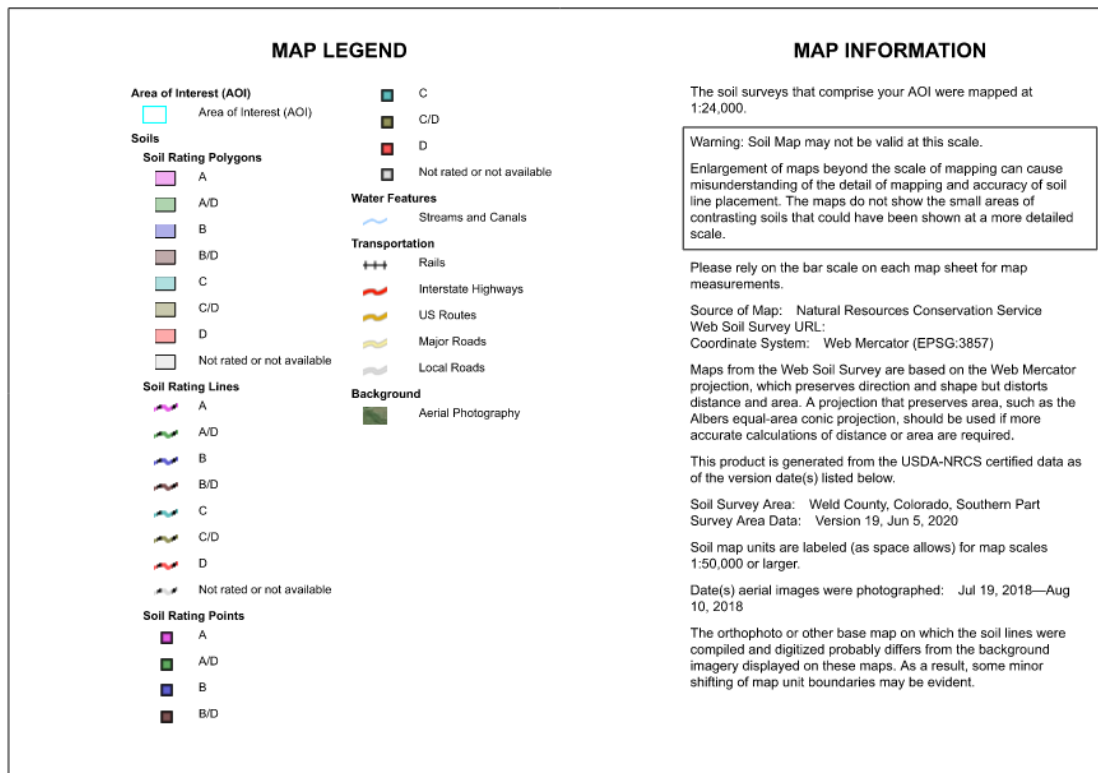
Article IV. Exhibits/References/Appendices

Excerpts from Preliminary Drainage Report from **Local/Fed Final Permit Decision**
Interim Reclamation Sheet from **Layout Drawing**
List of Weld County Recommended Seed Mixes

APPENDIX G – SOILS MAP



Hydrologic Soil Group—Weld County, Colorado, Southern Part
(Overall Basin)



Hydrologic Soil Group—Weld County, Colorado, Southern Part

Overall Basin

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
47	Olney fine sandy loam, 1 to 3 percent slopes	B	2.0	4.3%
48	Olney fine sandy loam, 3 to 5 percent slopes	B	45.1	95.7%
Totals for Area of Interest			47.1	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

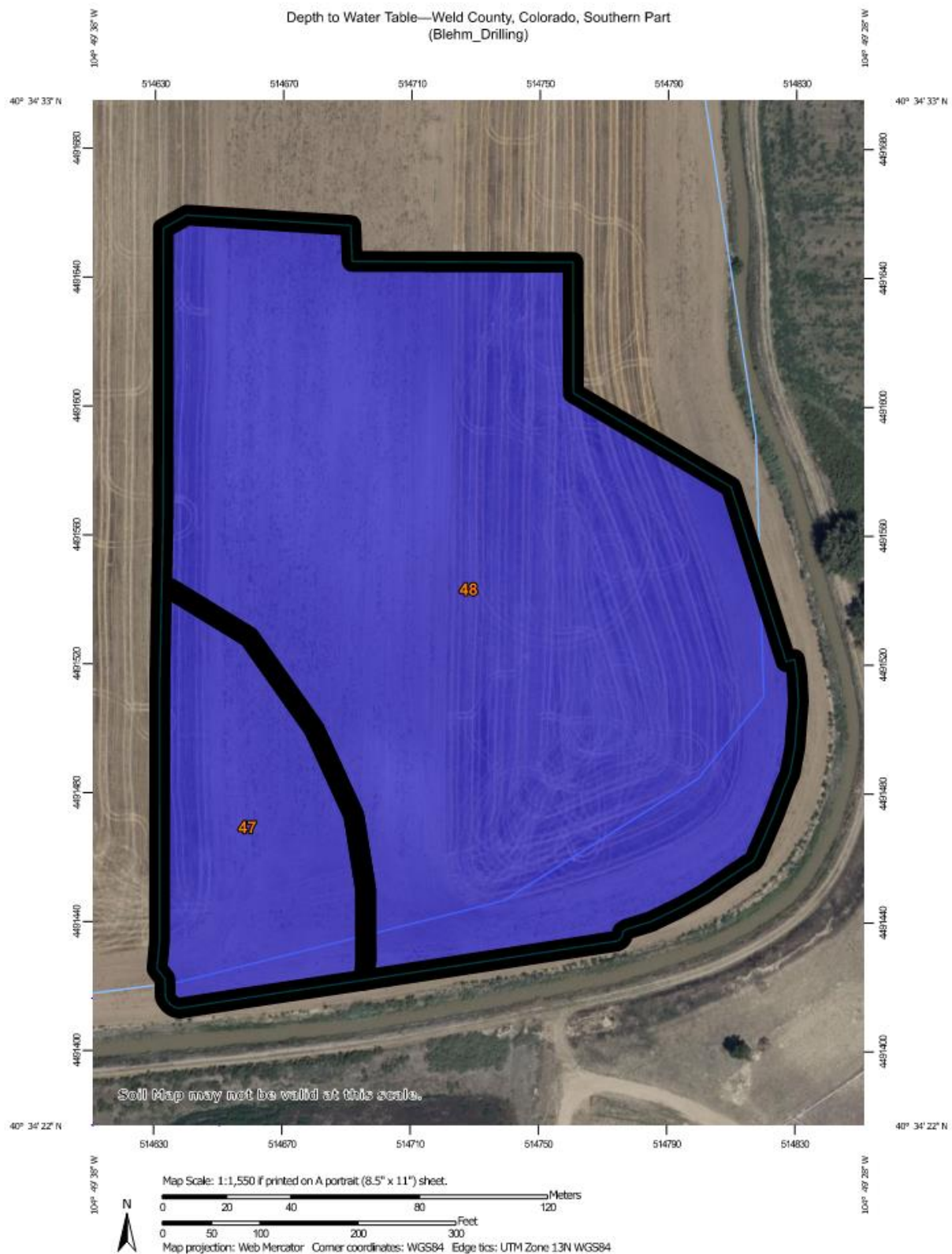
Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition



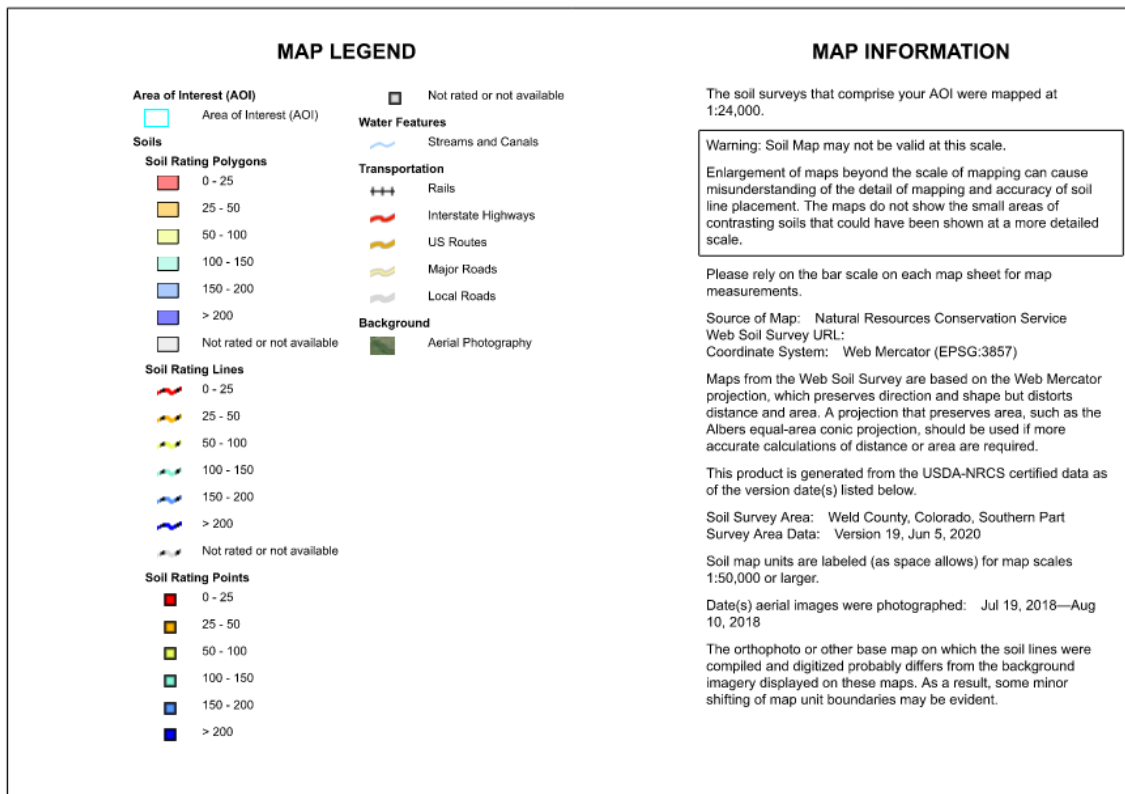
Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey



9/13/2020
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Depth to Water Table—Weld County, Colorado, Southern Part
(Blehm_Drilling)



Depth to Water Table—Weld County, Colorado, Southern Part

Blehm_Drilling

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
47	Olney fine sandy loam, 1 to 3 percent slopes	>200	1.6	16.5%
48	Olney fine sandy loam, 3 to 5 percent slopes	>200	7.9	83.5%
Totals for Area of Interest			9.5	100.0%

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

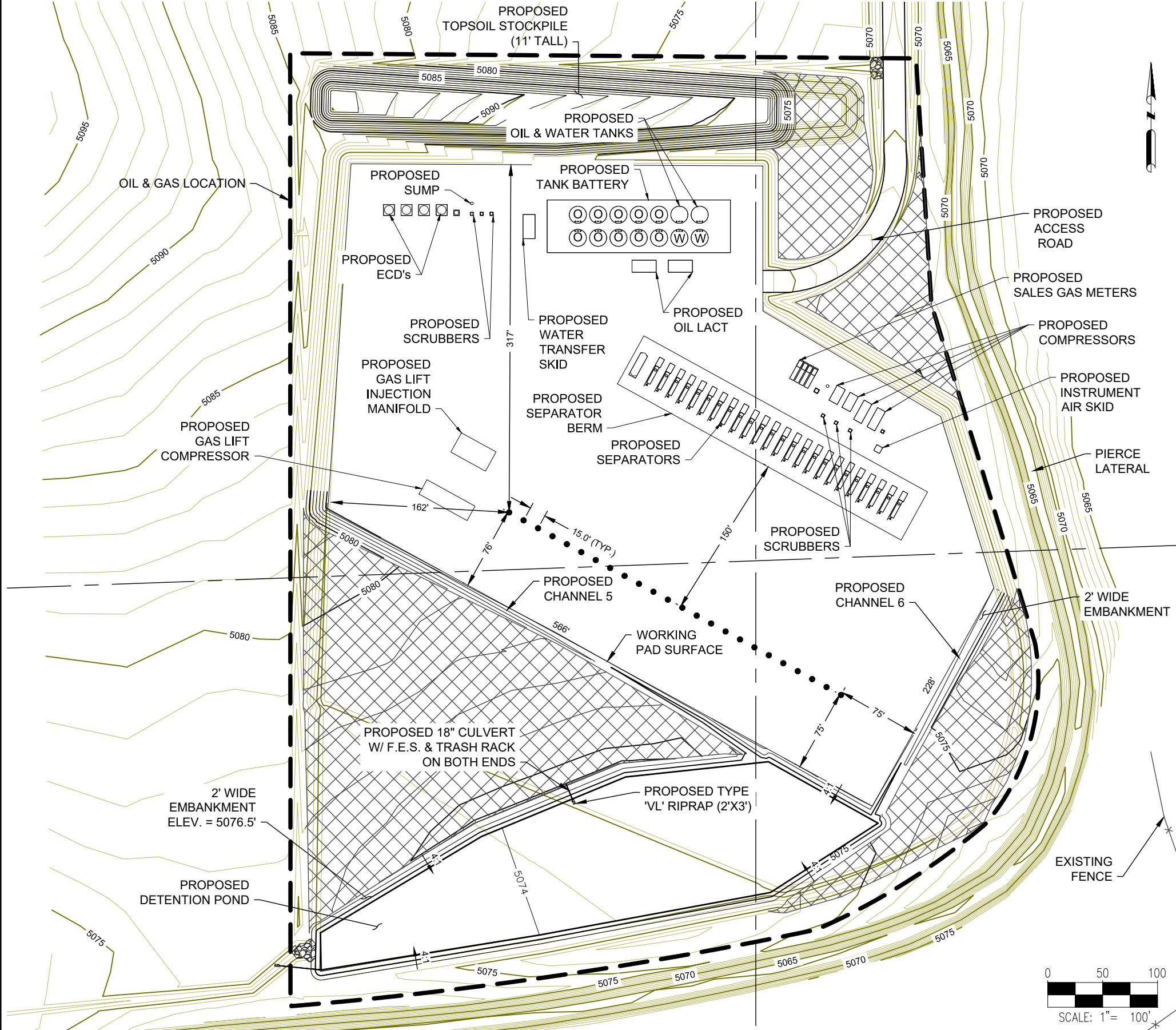
Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

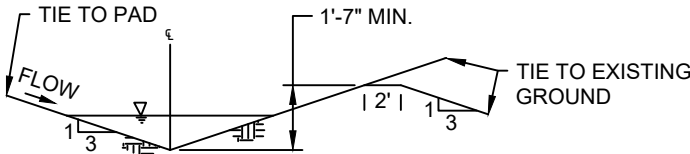
Ending Month: December

BLEHM 18-I PAD
GRADING PLAN

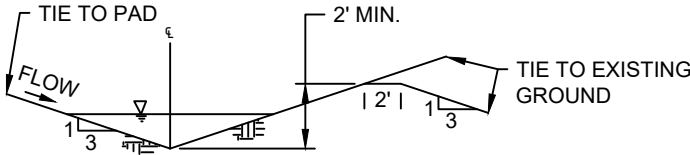


SITE QUANTITIES

TOTAL CUT FOR SITE (BANK)	3,453 CY
TOTAL FILL FOR SITE	3,410 CY
NET EXCESS MATERIAL (BANK)	43 CY
TOPSOIL TO BE REPLACED	1,694 CY
EXCESS TOPSOIL REMAINING	6,614 CY
TOTAL RECLAIMED AREA	2.5 AC
PERMANENT DISTURBANCE AREA	9.2 AC



CHANNEL 5 TYPICAL DETAIL
N.T.S.



CHANNEL 6 TYPICAL DETAIL
N.T.S.

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY
AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES,
PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL
LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE
BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN
INDEPENDENTLY VERIFIED.



Ascent Geomatics Solutions
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(303) 928-7128

PREPARED FOR:

Bayswater Exploration & Production, LLC
730 17th St, Suite 500
Denver, CO 80202
(303) 893-2503

SHEET NAME:

PRODUCTION LAYOUT

SURFACE LOCATION

BLEHM 18-I PAD

LOT 3 SECTION 18,

T7N R66W 6TH P.M.

WELD COUNTY, COLORADO

REV.	DATE	DESCRIPTION	INT.
0	02/09/21	ISSUED FOR CONSTRUCTION	RMC

FIELD DATE:

02-24-2020

DRAWING DATE:

02-09-2021

DRAFTED BY:

RMC

SHEET NO.

08 OF 14

General Seed Mixes for Weld County

Sandy Site Mix

Sand Bluestem	(Champ, Chet)	1.00 lbs pls/acre
Sand Lovegrass	(Bend, Native, Ne27)	2.50 lbs pls/acre
Indian Ricegrass	(Nezpar, Rimrock)	3.00 lbs pls/acre
Prairie Sandreed	(Goshen)	0.75 lbs pls/acre
Green Needlegrass	(Lodorm)	1.50 lbs pls/acre
Little bluestem	(Blaze, Cimarron, Camper)	0.75 lbs pls/acre
Yellow Indiangrass	(Cheyenne, Holt, Scout)	0.50 lbs pls/acre
Switchgrass	(Blackwell, Nebraska 28)	1.50 lbs pls/acre
Sand Dropseed		<u>0.50 lbs pls/acre</u>

Total: 12.00 pounds pls/acre

Wetter Site Mix

Western wheatgrass	(Arriba, Barton, Rosana)	3.00 lbs pls/acre
Slender wheatgrass	(Pryor, San Luis)	2.00 lbs pls/acre
Alkaligrass	(Fults II, Salt on Sea)	2.50 lbs pls/acre
Streambank Wheatgrass	(Sodar)	2.50 lbs pls/acre
Switchgrass	(Nebraska 28, Blackwell)	1.75 lbs pls/acre
Green Needlegrass	(Lodorm)	0.50 lbs pls/acre
Sideoats Grama	(Butte, El Reno, Pierre)	1.00 lbs pls/acre
Perennial Ryegrass	(Calibra or Garibaldi tetraploid)	0.50 lbs pls/acre
Sand Dropseed		<u>0.25 lbs pls/acre</u>

Total: 14.00 pounds pls/acre

Areas North of County Road 68 Mix

Buffalo Grass (Texoka, Sharps Improved)	1.5 lbs pls/acre
Little Bluestem (Blaze, Cimarron, Camper)	1.5 lbs pls/acre
Sideoats Grama (Vaughn, Butte, Niner, El Reno, Haskell)	2 lbs pls/acre
Blue Grama (Hachital, Lovington)	3.5 lbs pls/acre
Western wheatgrass (Arriba, Barton, Rosana)	3 lbs pls/acre
Switchgrass (Nebraska 28, Blackwell)	1.5 lbs pls/acre
Perennial Ryegrass (Calibra or Garibaldi tetraploid)	0.75 lbs pls/acre
Sand dropseed	<u>0.25 lbs pls/acre</u>

Total: 14.00 pounds pls/acre

Areas South of County Road 68 Mix

Western Wheatgrass (Arriba, Barton, Rosana)	2.50 lbs pls/acre
Blue Grama (Hachital, Lovington)	1.50 lbs pls/acre
Sideoats Grama (Vaughn, Butte, Niner, El Reno, Haskell)	2.25 lbs pls/acre
Smooth Brome (Lincoln, Manchar)	2.00 lbs pls/acre
Sand dropseed	0.25 lbs pls/acre
Perennial Ryegrass (Calibra or Garibaldi tetraploid)	0.75 lbs pls/acre
Slender Wheatgrass (Pryor, Revenue or San Luis)	2.50 lbs pls/acre
Alkaligrass (Fults II, Salt on Sea)	1.25 lbs pls/acre
Switchgrass (Nebraska 28, Blackwell)	<u>1.00 lbs pls/acre</u>

Total: 14.00 pound pls/acre