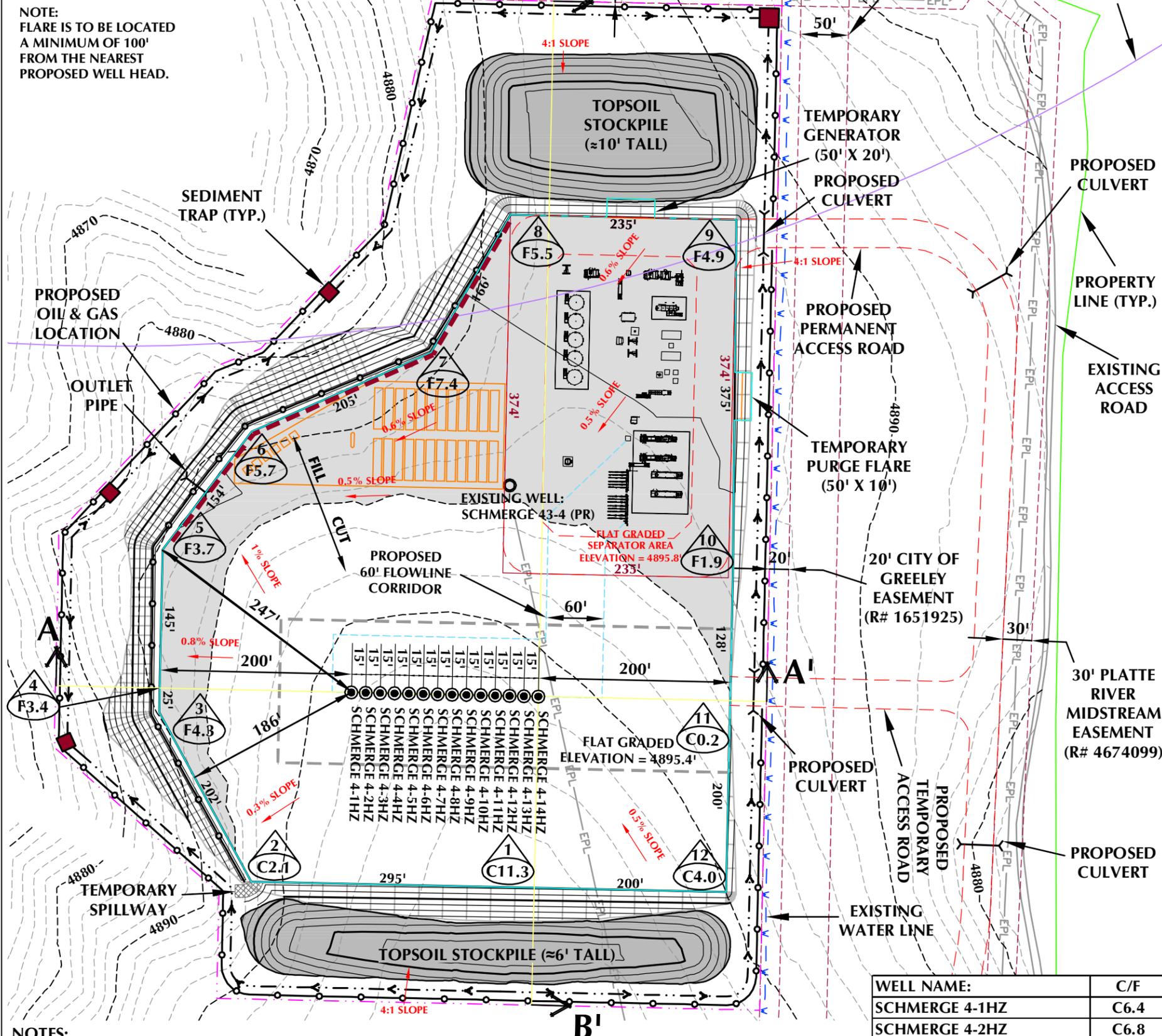


20' PIPELINE  
EASEMENT  
(R# 4740961)

50' CITY OF  
GREELEY  
EASEMENT  
(R# 4685475)

2000' RBV  
BUFFER

NOTE:  
FLARE IS TO BE LOCATED  
A MINIMUM OF 100'  
FROM THE NEAREST  
PROPOSED WELL HEAD.



NOTES:

- PIPELINE AND UTILITY CORRIDORS ARE PLANNED AND DETERMINED BY THIRD PARTY COMPANIES. SPECIFIC PIPELINE AND UTILITY CORRIDOR LOCATIONS WILL BE DECIDED BY THOSE THIRD PARTY COMPANIES CLOSER TO THE START DATE OF OPERATIONS BASED ON CONTRACT AND RIGHT-OF-WAY NEGOTIATIONS.
- EXISTING UTILITIES DISPLAYED ON THE GRADING PLAN ARE FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION OR EARTHWORK, CONTRACTOR WILL BE RESPONSIBLE TO CALL FOR LOCATES: (800) 922-1987
- DIVERSION DITCH AND/OR BERM TO BE CONSTRUCTED AROUND THE ENTIRE PAD LOCATION. BERM SECTIONS TO BE COMPACTED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
- CENTER OF WELL PAD REFERENCED BELOW CORRESPONDS TO THE SURFACE LOCATION OF THE SCHMERGE 4-14HZ WELL.
- FLAT GRADED AREA TO BE RECLAIMED DURING INTERIM RECLAMATION.

WELL NAME:	C/F
SCHMERGE 4-1HZ	C6.4
SCHMERGE 4-2HZ	C6.8
SCHMERGE 4-3HZ	C7.2
SCHMERGE 4-4HZ	C7.5
SCHMERGE 4-5HZ	C7.7
SCHMERGE 4-6HZ	C7.9
SCHMERGE 4-7HZ	C8.1
SCHMERGE 4-8HZ	C7.8
SCHMERGE 4-9HZ	C7.8
SCHMERGE 4-10HZ	C7.5
SCHMERGE 4-11HZ	C7.4
SCHMERGE 4-12HZ	C7.1
SCHMERGE 4-13HZ	C6.5
SCHMERGE 4-14HZ	C6.3

**SCHMERGE 9-4HZ CONSTRUCTION LAYOUT DRAWING - PLAN VIEW**

**QUANTITIES AND DESIGN PARAMETERS**  
 EXISTING GRADE @ CENTER OF WELL PAD = 4901.7'  
 FINISHED GRADE ELEVATION = 4895.4'  
 CUT SLOPES = 3:1; EXCEPT AS NOTED  
 FILL SLOPES = 3:1; EXCEPT AS NOTED  
 SHRINKAGE FACTOR = 1.10  
 SWELL FACTOR = 1.00  
 GRADED PAD SURFACE AREA = 7.83 ACRES  
 TOTAL PAD AREA = 9.26 ACRES  
 PROPOSED OIL & GAS LOCATION = 13.99 ACRES

**PAD QUANTITIES**  
 TOTAL CUT FOR PAD = 30,719 C.Y.  
 TOTAL FILL FOR PAD = 30,719 C.Y.  
 TOPSOIL @ 12" DEPTH = 14,937 C.Y.  
 IMPORT MATERIAL = 0 C.Y.  
 TOTAL DISTURBANCE AREA  
 OIL & GAS LOCATION = 13.99 ACRES  
 WORKING PAD SURFACE = 7.87 ACRES  
 ACCESS ROAD = 2.40 ACRES  
 PIPELINE/UTILITY CORRIDOR = SEE NOTE 1

**LEGEND**

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- - - EXISTING CONTOURS (2' INTERVAL)
- - - PROPOSED CONTOURS (2' INTERVAL)
- EPL - EXISTING PIPELINE
- - - PROPOSED FLOWLINE
- \* \* \* EXISTING FENCE
- WORKING PAD SURFACE (WPS)
- PROPOSED SOUND MITIGATION
- DIVERSION DITCH
- BERM

**SCALE:** 1"=120'  
**DATE:** 11/18/22  
**SHEET NO:** 1 OF 1

**SCHMERGE 9-4HZ**  
 CONSTRUCTION LAYOUT DRAWING - PLAN VIEW  
 SCHMERGE 4-1HZ, SCHMERGE 4-2HZ,  
 SCHMERGE 4-3HZ, SCHMERGE 4-4HZ, SCHMERGE 4-5HZ,  
 SCHMERGE 4-6HZ, SCHMERGE 4-7HZ, SCHMERGE 4-8HZ,  
 SCHMERGE 4-9HZ, SCHMERGE 4-10HZ, SCHMERGE 4-11HZ,  
 SCHMERGE 4-12HZ, SCHMERGE 4-13HZ & SCHMERGE 4-14HZ  
 LOCATED IN SECTION 4, T5N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO

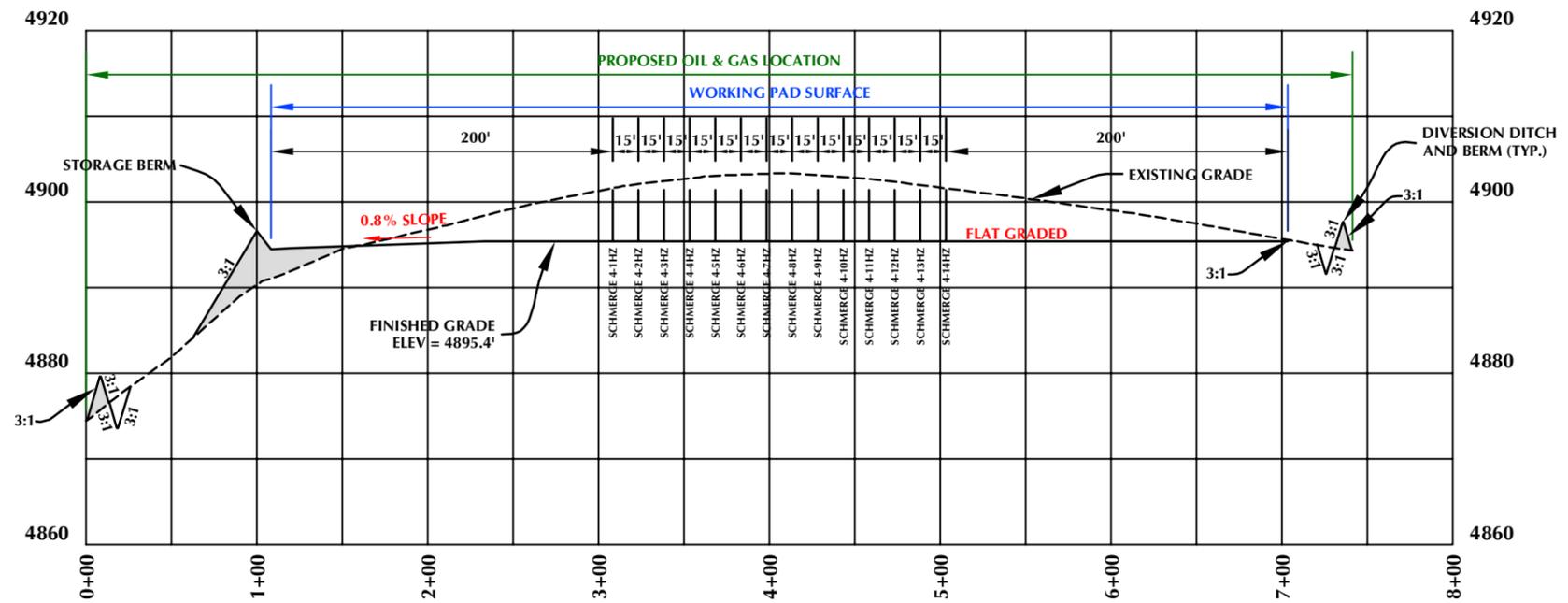
**Kerr-McGee Oil & Gas Onshore LP**  
 1099 18th Street  
 Denver, Colorado 80202

**609 CONSULTING, LLC**

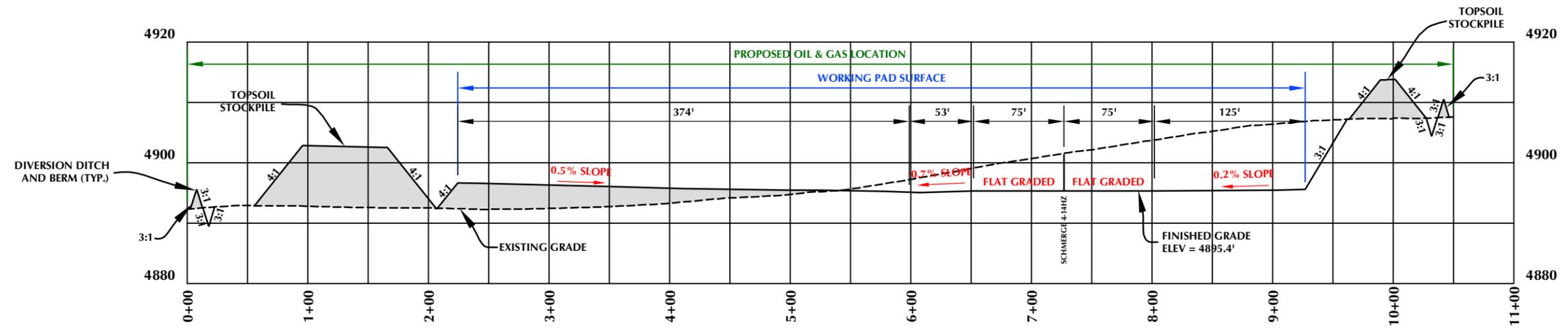
LOVELAND OFFICE  
 6706 North Franklin Avenue  
 Loveland, Colorado 80538  
 Phone 970-776-4331

SHERIDAN OFFICE  
 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609

K:\WMD\KORC\2022\_97\_SCHMERGE\_T5N\_R67W\_SEC\_4\_OPTION\_2.dwg, 2.dwg, 11/18/2022 9:33:55 AM, shawn



**CROSS SECTION A-A'**



**CROSS SECTION B-B'**

**SCHMERGE 9-4HZ**

SCHMERGE 4-1HZ, SCHMERGE 4-2HZ,  
 SCHMERGE 4-3HZ, SCHMERGE 4-4HZ, SCHMERGE 4-5HZ,  
 SCHMERGE 4-6HZ, SCHMERGE 4-7HZ, SCHMERGE 4-8HZ,  
 SCHMERGE 4-9HZ, SCHMERGE 4-10HZ, SCHMERGE 4-11HZ,  
 SCHMERGE 4-12HZ, SCHMERGE 4-13HZ & SCHMERGE 4-14HZ  
 LOCATED IN SECTION 4, T5N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO

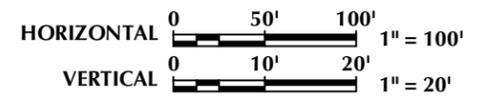
**CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS**

**Kerr-McGee Oil &  
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 Loveland, Colorado 80538  
 Phone 970-776-4331

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 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609



SCALE: 1"=100'	DATE: 11/18/22	SHEET NO:
REVISED:	HJL 1/18/23	<b>1</b> 1 OF 1

K:\AMARCO\2022\2022\_97\_SCHMERGE\_T5N\_R67W\_SEC\_4\DWG\SCHMERGE\_T5N\_R67W\_SEC\_4\_OPTION 2.dwg, 1/18/2023 9:35:19 AM, eleven

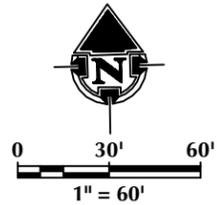
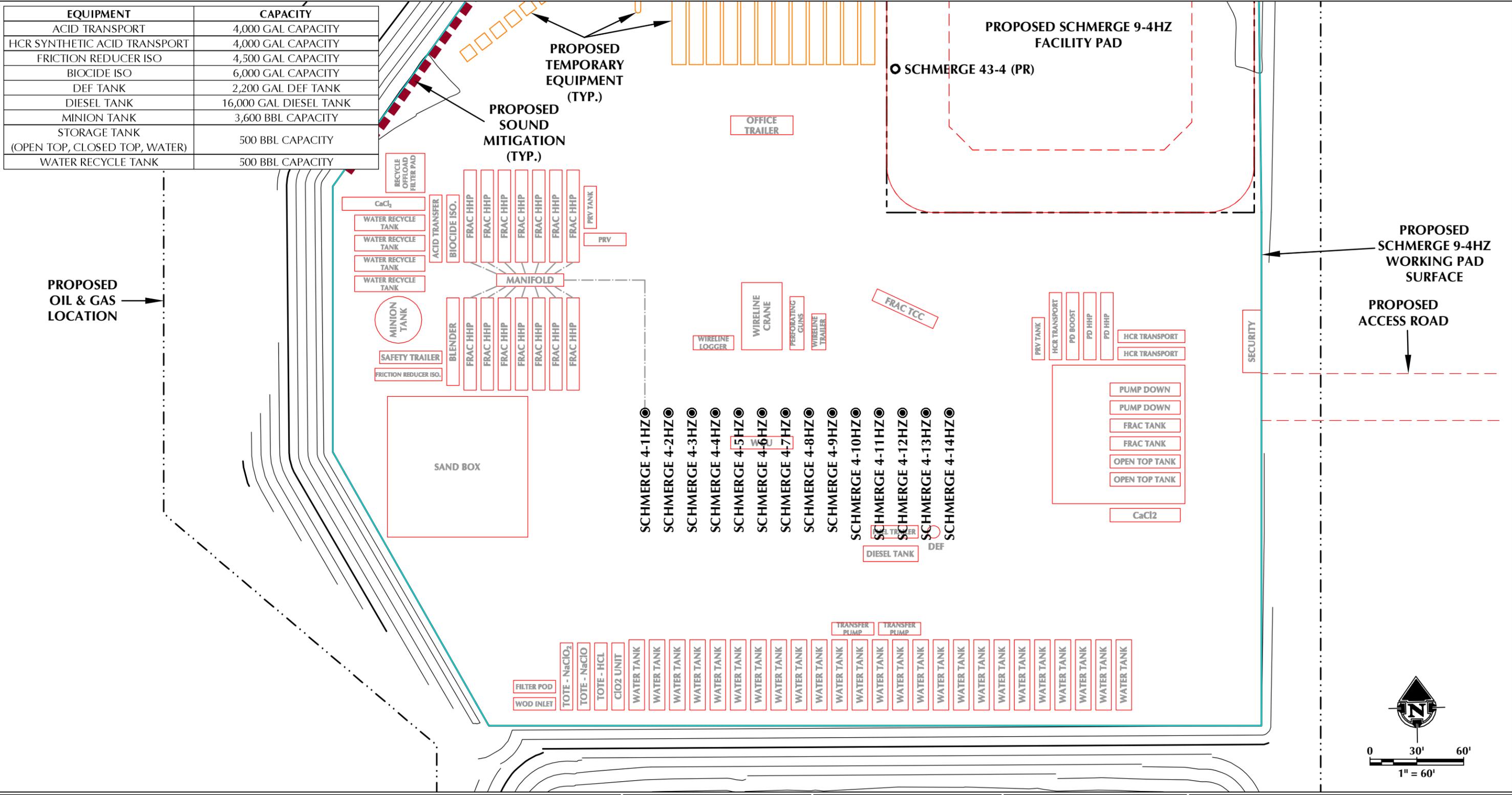


PRELIMINARY WELL COMPLETION AND STIMULATION LAYOUT DRAWING

SCHMERGE 9-4HZ

NE1/4 SE1/4 SECTION 4, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., WELD COUNTY, COLORADO

EQUIPMENT	CAPACITY
ACID TRANSPORT	4,000 GAL CAPACITY
HCR SYNTHETIC ACID TRANSPORT	4,000 GAL CAPACITY
FRICTION REDUCER ISO	4,500 GAL CAPACITY
BIOCIDE ISO	6,000 GAL CAPACITY
DEF TANK	2,200 GAL DEF TANK
DIESEL TANK	16,000 GAL DIESEL TANK
MINION TANK	3,600 BBL CAPACITY
STORAGE TANK (OPEN TOP, CLOSED TOP, WATER)	500 BBL CAPACITY
WATER RECYCLE TANK	500 BBL CAPACITY



**LEGEND**

- PROPOSED WELL
- EXISTING WELL
- ➔ PROPOSED OIL & GAS LOCATION
- ▭ PROPOSED WORKING PAD SURFACE
- PROPOSED 2' CONTOUR

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Sheridan, Wyoming 82801  
Phone 307-674-0609

**Kerr-McGee Oil & Gas Onshore LP**

1099 18th Street  
Denver, Colorado 80202

DATE SURVEYED:	11/3/22
DATE:	11/18/22
DRAFTER:	SJM
REVISED:	1/18/23

**NOTE:**

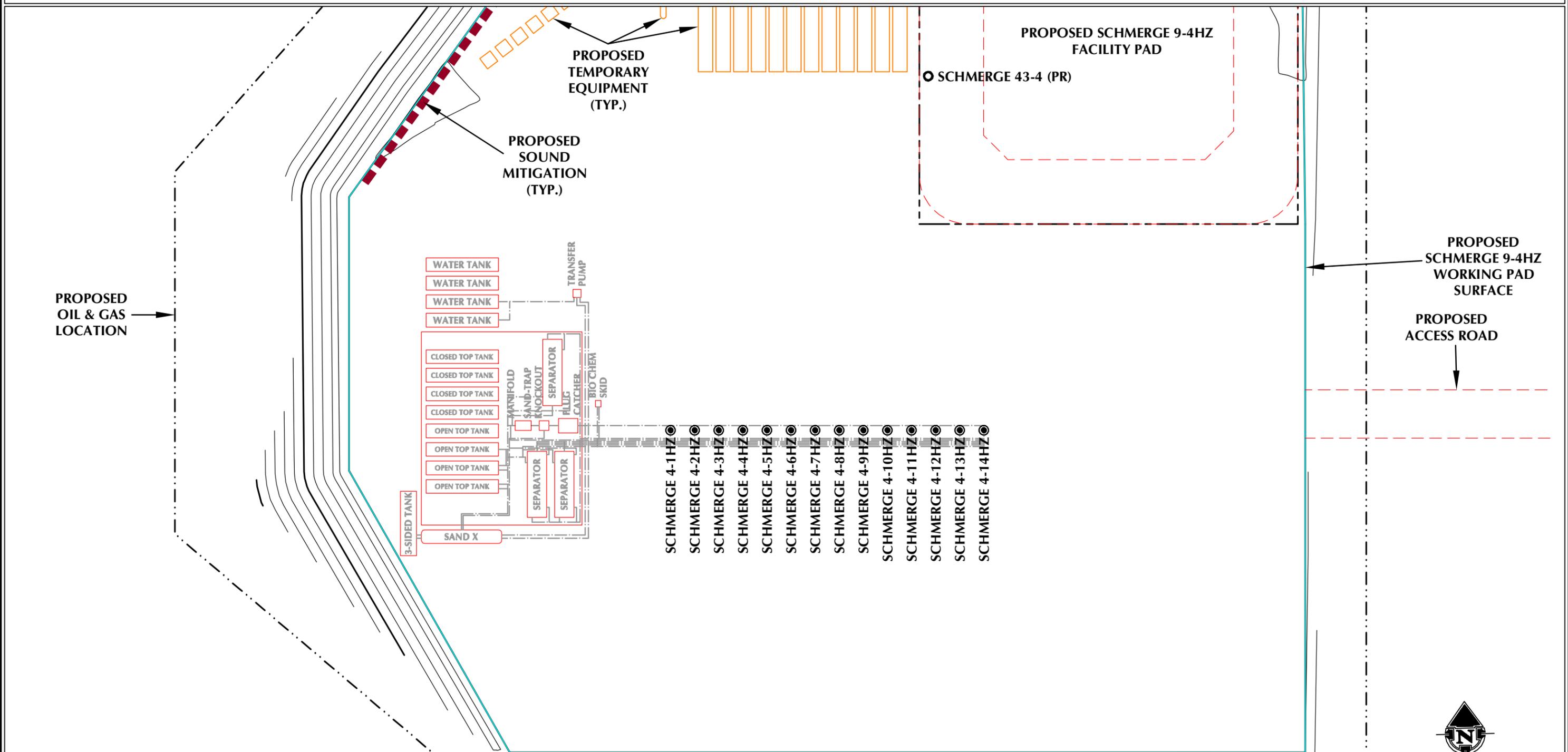
1. COMPLETION AND STIMULATION LAYOUT IS APPROXIMATE AND SUBJECT TO MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

K:\ANADARKO\2022\_07\_SCHMERGE\_TSN\_R67W\_SEC\_4\DWG\SCHMERGE\_TSN\_R67W\_SEC\_4\_OPTION 2.dwg, 1/18/2023 9:39:29 AM, steven

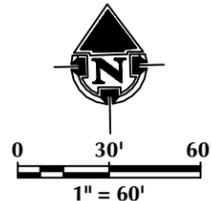
PRELIMINARY FLOWBACK EQUIPMENT LAYOUT DRAWING

SCHMERGE 9-4HZ

NE1/4 SE1/4 SECTION 4, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., WELD COUNTY, COLORADO



EQUIPMENT	CAPACITY
STORAGE TANK (OPEN TOP, CLOSED TOP, WATER)	500 BBL CAPACITY



LEGEND	
	PROPOSED WELL
	EXISTING WELL
	PROPOSED OIL & GAS LOCATION
	PROPOSED WORKING PAD SURFACE
	PROPOSED 2' CONTOUR
	PROPOSED PIPELINE

**609**

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Phone 970-776-4331

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Sheridan, Wyoming 82801  
Phone 307-674-0609

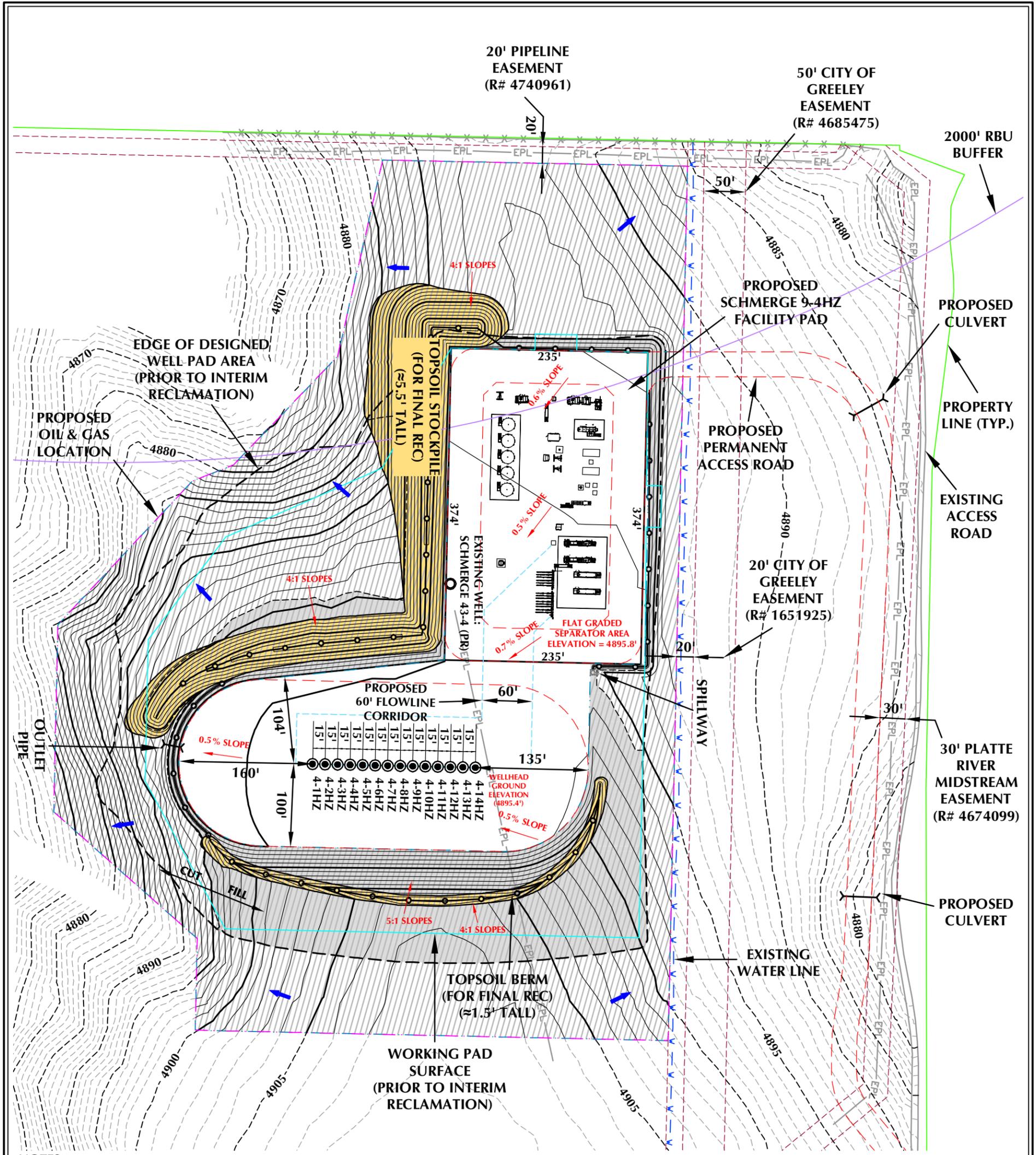
**Kerr-McGee Oil &  
Gas Onshore LP**

1099 18th Street  
Denver, Colorado 80202

DATE SURVEYED:	11/3/22
DATE:	11/18/22
DRAFTER:	SJM
REVISED:	1/18/23

**NOTES:**  
-WELLHEADS WILL REMAIN PERMANENTLY AFTER FLOWBACK IS COMPLETE. ALL OTHER EQUIPMENT DISPLAYED IS TEMPORARY AND WILL BE REMOVED FOLLOWING FLOWBACK OPERATIONS.

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- NOTES:**
1. PIPELINE AND UTILITY CORRIDORS ARE PLANNED AND DETERMINED BY THIRD PARTY COMPANIES. SPECIFIC PIPELINE AND UTILITY CORRIDOR LOCATIONS WILL BE DECIDED BY THOSE THIRD PARTY COMPANIES CLOSER TO THE START DATE OF OPERATIONS BASED ON CONTRACT AND RIGHT-OF-WAY NEGOTIATIONS.
  2. EXISTING UTILITIES DISPLAYED ON THE GRADING PLAN ARE FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION OR EARTHWORK, CONTRACTOR WILL BE RESPONSIBLE TO CALL FOR LOCATES: (800) 922-1987
  3. THE 5.5' TALL TOPSOIL STOCKPILE IS TO BE CONSTRUCTED UTILIZING ±2,004 C.Y. OF BASE MATERIAL AT APPROXIMATELY 2.5' FEET OF HEIGHT AND COVERED WITH ±7,120 C.Y. OF TOPSOIL TO REACH THE EFFECTIVE 5.5' TALL TOPSOIL STOCKPILE HEIGHT.
  4. RECLAIMED AREA WILL BE RE-SEEDING AND RE-VEGETATED DURING INTERIM RECLAMATION.

**SCHMERGE 9-4HZ FACILITY LAYOUT DRAWING**

**QUANTITIES AND DESIGN PARAMETERS**

SHRINKAGE FACTOR = 1.00  
 SWELL FACTOR = 1.00  
 PROPOSED OIL & GAS LOCATION = 13.99 ACRES  
 AREA RECLAIMED DURING INTERIM RECLAMATION = 9.62 ACRES  
 TOTAL WELL PAD AREA AFTER INTERIM RECLAMATION = 2.32 ACRES  
 TOTAL FACILITY PAD AREA AFTER INTERIM RECLAMATION = 2.05 ACRES

**PAD QUANTITIES**

TOTAL CUT = 16,483 C.Y.  
 TOTAL FILL = 16,483 C.Y.  
 TOTAL TOPSOIL @ 12" DEPTH FROM CONSTRUCTION PHASE = 14,937 C.Y.  
 TOPSOIL USED FOR INTERIM REC = 7,817 C.Y.  
 TOPSOIL STORED FOR FINAL REC = 7,120 C.Y.

**LEGEND**

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- EXISTING CONTOURS (1' INTERVAL)
- PROPOSED CONTOURS (1' INTERVAL)
- EPL - EXISTING PIPELINE
- PROPOSED FLOWLINE
- EXISTING FENCE
- RECLAMATION AREA
- PLANNED FLOW DIRECTION
- WORKING PAD SURFACE (WPS)
- BERM

**SCALE:** 1" = 120'

**DATE:** 11/18/22

**SHEET NO:** 1 OF 2

**SCHMERGE 9-4HZ**

FACILITY LAYOUT DRAWING  
 SCHMERGE 4-1HZ, SCHMERGE 4-2HZ, SCHMERGE 4-3HZ, SCHMERGE 4-4HZ, SCHMERGE 4-5HZ, SCHMERGE 4-6HZ, SCHMERGE 4-7HZ, SCHMERGE 4-8HZ, SCHMERGE 4-9HZ, SCHMERGE 4-10HZ, SCHMERGE 4-11HZ, SCHMERGE 4-12HZ, SCHMERGE 4-13HZ & SCHMERGE 4-14HZ  
 LOCATED IN SECTION 4, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO

LAND USE: DRYLAND CROP  
 FACILITY REVISION: SCHMERGE-PP-2020 Rev F

**Kerr-McGee Oil & Gas Onshore LP**  
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 Phone 307-674-0609

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