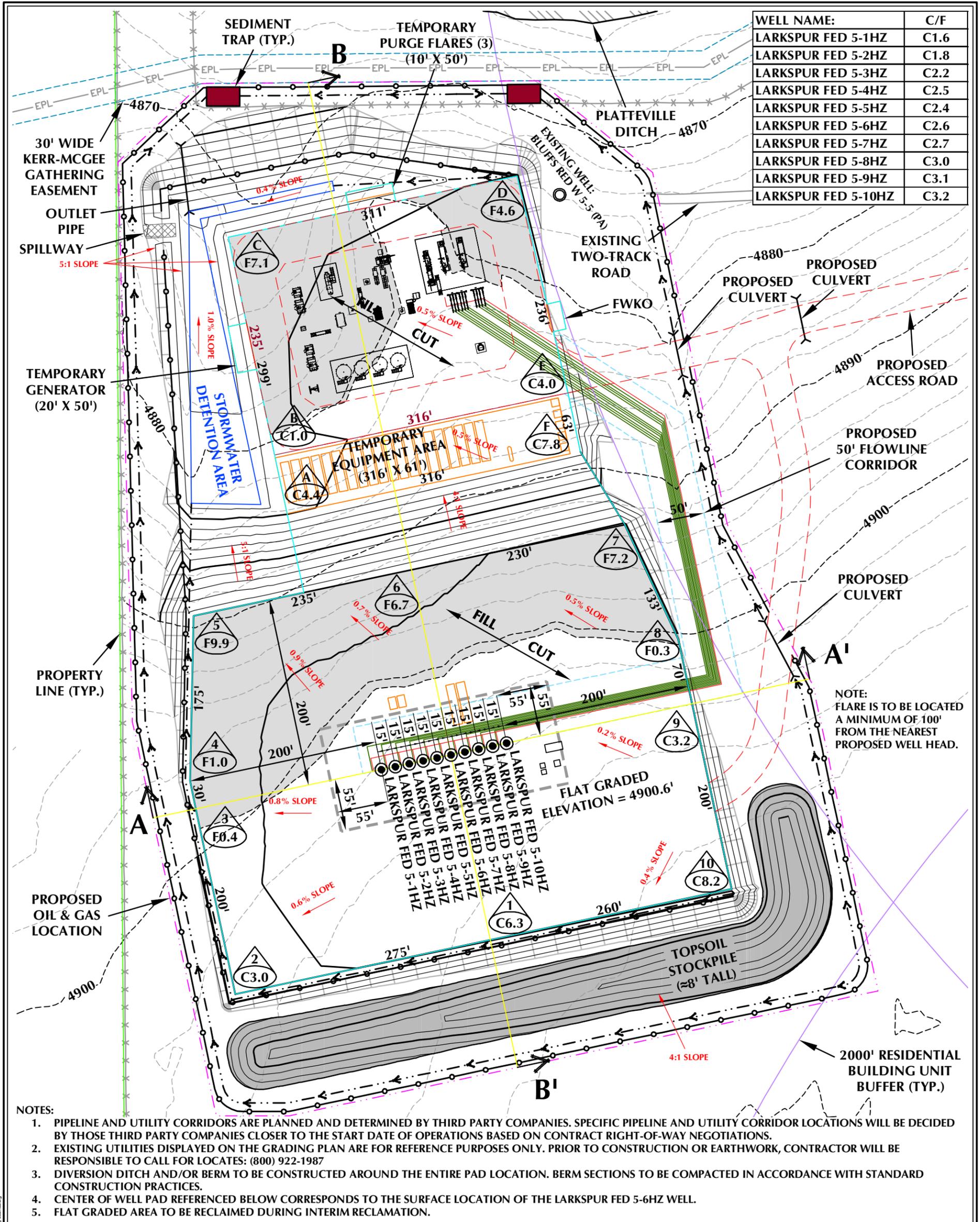


WELL NAME:	C/F
LARKSPUR FED 5-1HZ	C1.6
LARKSPUR FED 5-2HZ	C1.8
LARKSPUR FED 5-3HZ	C2.2
LARKSPUR FED 5-4HZ	C2.5
LARKSPUR FED 5-5HZ	C2.4
LARKSPUR FED 5-6HZ	C2.6
LARKSPUR FED 5-7HZ	C2.7
LARKSPUR FED 5-8HZ	C3.0
LARKSPUR FED 5-9HZ	C3.1
LARKSPUR FED 5-10HZ	C3.2



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 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 LARKSPUR FED 5-6HZ WELL.
  - FLAT GRADED AREA TO BE RECLAIMED DURING INTERIM RECLAMATION.

**LARKSPUR FED CONSTRUCTION LAYOUT DRAWING - PLAN VIEW**

**QUANTITIES AND DESIGN PARAMETERS**  
 EXISTING GRADE @ CENTER OF WELL PAD = 4903.2'  
 FINISHED GRADE ELEVATION = 4900.6'  
 CUT SLOPES = 3:1; EXCEPT AS NOTED  
 FILL SLOPES = 3:1; EXCEPT AS NOTED  
 SHRINKAGE FACTOR = 1.10  
 SWELL FACTOR = 1.00  
 WORKING PAD SURFACE AREA = 7.65 ACRES  
 TOTAL PAD AREA = 10.15 ACRES  
 PROPOSED OIL & GAS LOCATION = 15.36 ACRES

**PAD QUANTITIES**  
 TOTAL CUT FOR PAD = 27,402 C.Y.  
 TOTAL FILL FOR PAD = 27,402 C.Y.  
 TOPSOIL @ 6" DEPTH = 8,190 C.Y.  
 IMPORT MATERIAL = 0 C.Y.  
**TOTAL DISTURBANCE AREA**  
 OIL & GAS LOCATION = 15.36 ACRES  
 WORKING PAD SURFACE = 7.65 ACRES  
 ACCESS ROAD = 1.94 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
- - - PUE - PROPOSED UNDERGROUND ELECTRIC LINE
- - - WORKING PAD SURFACE
- - - DIVERSION DITCH
- - - BERM

**PAD - LARKSPUR FED**  
 CONSTRUCTION LAYOUT DRAWING - PLAN VIEW  
 LARKSPUR FED 5-1HZ, LARKSPUR FED 5-2HZ,  
 LARKSPUR FED 5-3HZ, LARKSPUR FED 5-4HZ,  
 LARKSPUR FED 5-5HZ, LARKSPUR FED 5-6HZ,  
 LARKSPUR FED 5-7HZ, LARKSPUR FED 5-8HZ,  
 LARKSPUR FED 5-9HZ & LARKSPUR FED 5-10HZ  
 LOCATED IN SECTION 5, T2N, R66W, 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

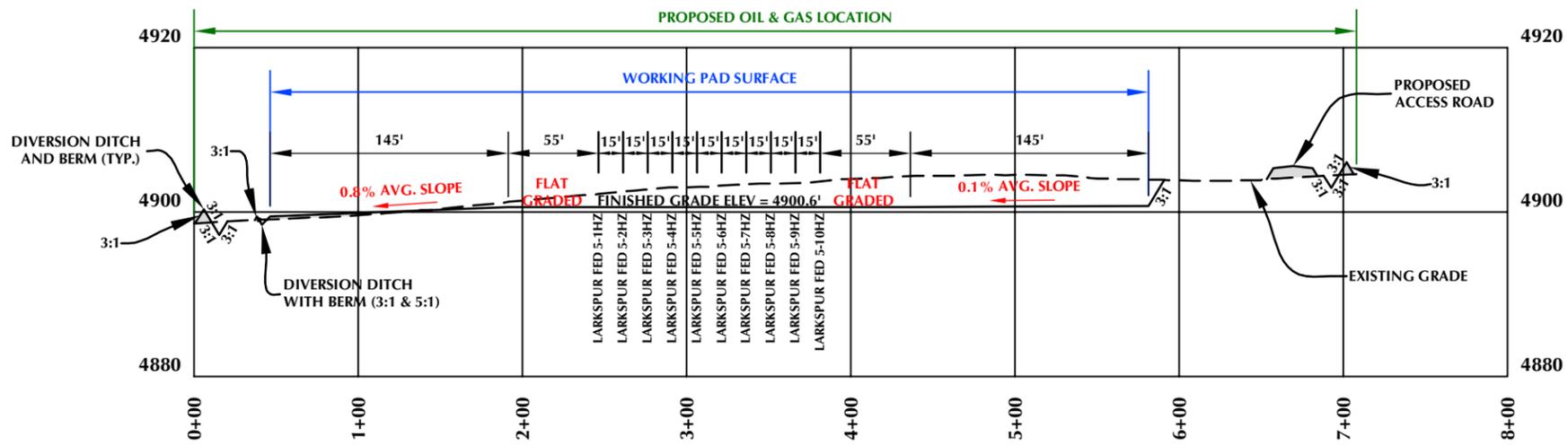
SHERIDAN OFFICE  
 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609

HORIZONTAL 0 50' 100' 1" = 100'

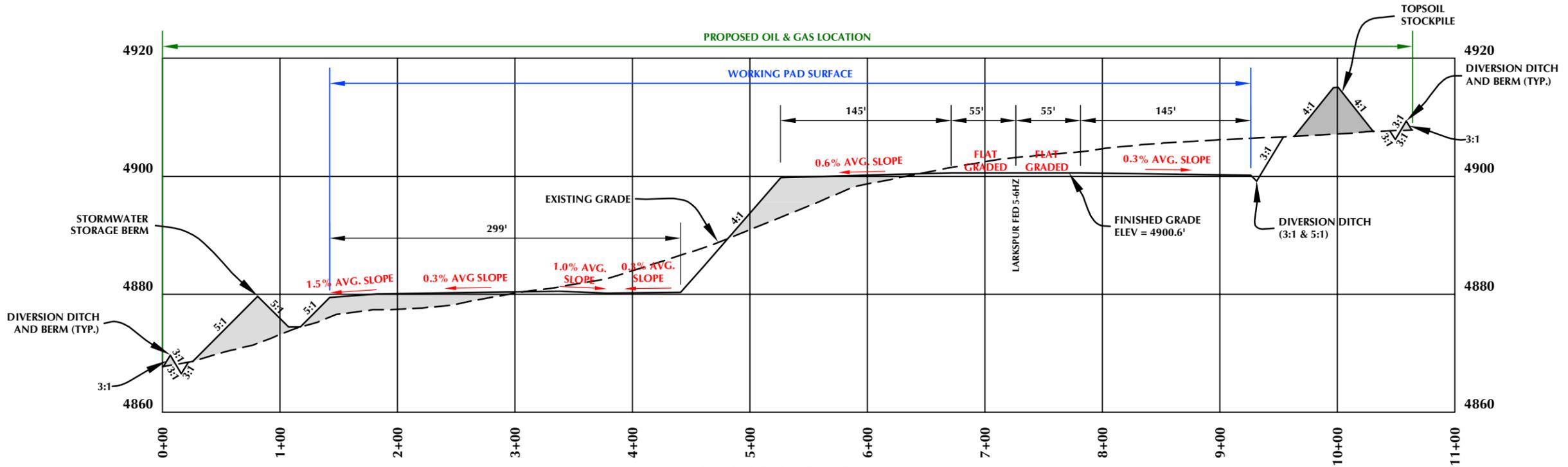
2' CONTOURS

SCALE: 1"=100' DATE: 3/4/24 SHEET NO: 1 OF 1

REVISED:



**CROSS SECTION A-A'**



**CROSS SECTION B-B'**

**LARKSPUR FED**

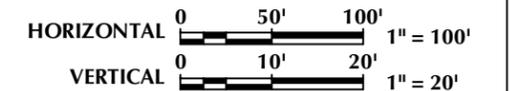
LARKSPUR FED 5-1HZ, LARKSPUR FED 5-2HZ,  
LARKSPUR FED 5-3HZ, LARKSPUR FED 5-4HZ,  
LARKSPUR FED 5-5HZ, LARKSPUR FED 5-6HZ,  
LARKSPUR FED 5-7HZ, LARKSPUR FED 5-8HZ,  
LARKSPUR FED 5-9HZ & LARKSPUR FED 5-10HZ  
LOCATED IN SECTION 5, T2N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

**CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS**

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



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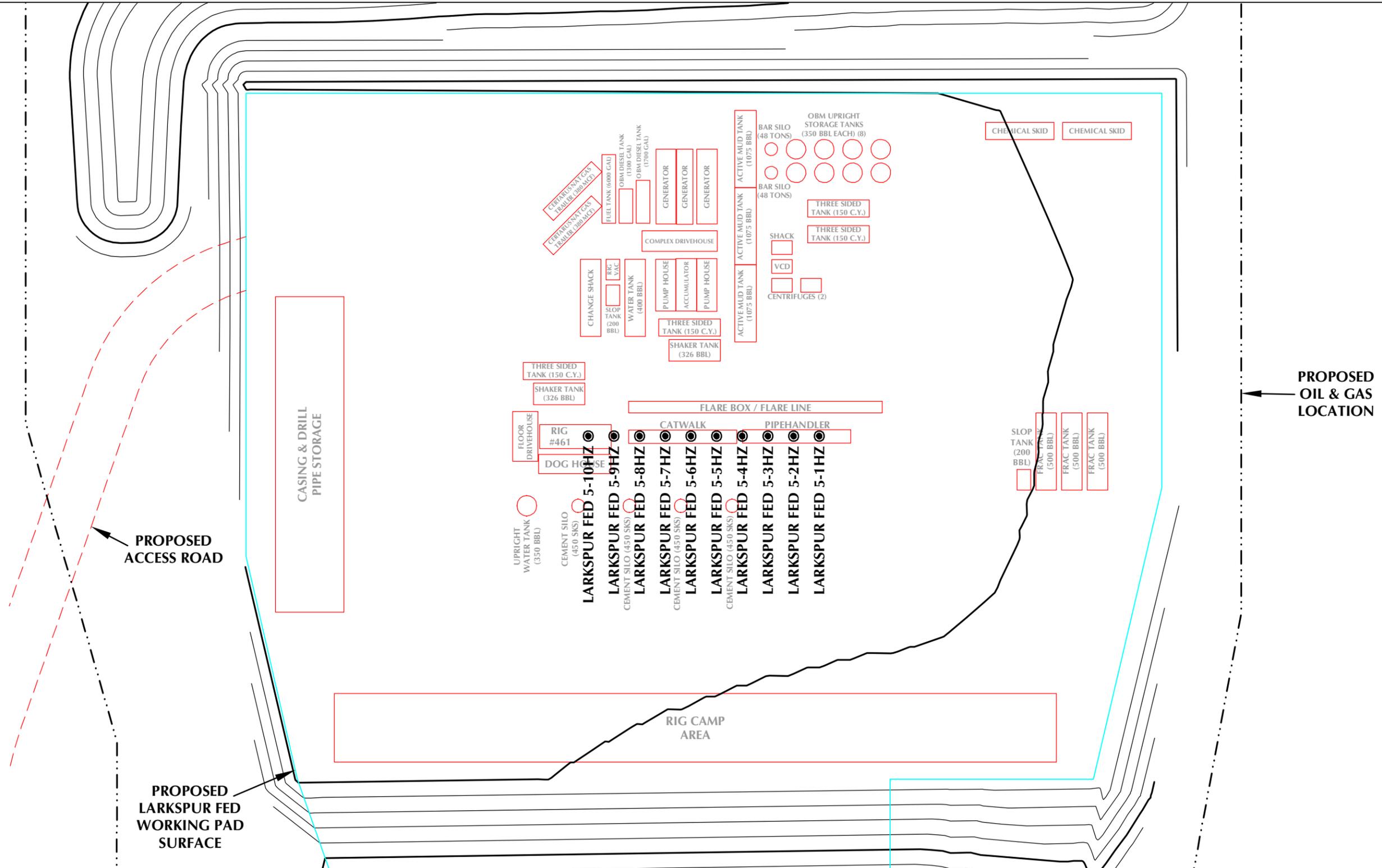


SCALE: 1"=100'	DATE: 3/4/24	SHEET NO:
REVISED:		<b>1</b> OF 1

PRELIMINARY RIG LAYOUT DRAWING

LARKSPUR FED

S1/2 NW1/4 SECTION 5, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M., WELD COUNTY, COLORADO



K:\ANADARKO\2023\_125\_LARKSPUR\_FED\_T2N\_R66W\_SEC\_5DWG\LARKSPUR\_FED\_T2N\_R66W\_SEC\_5.dwg, 3/4/2024 7:47:05 PM, sundberg

**LEGEND**

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



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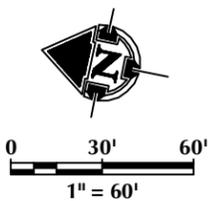
**Kerr-McGee Oil &  
Gas Onshore LP**

1099 18th Street  
Denver, Colorado 80202

SCALE:	1" = 60'
DATE SURVEYED:	11/30/23
DATE:	3/4/24
DRAFTER:	GLK
REVISED:	

**NOTE:**

- RIG PROFILE IS APPROXIMATE AND SUBJECT TO MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

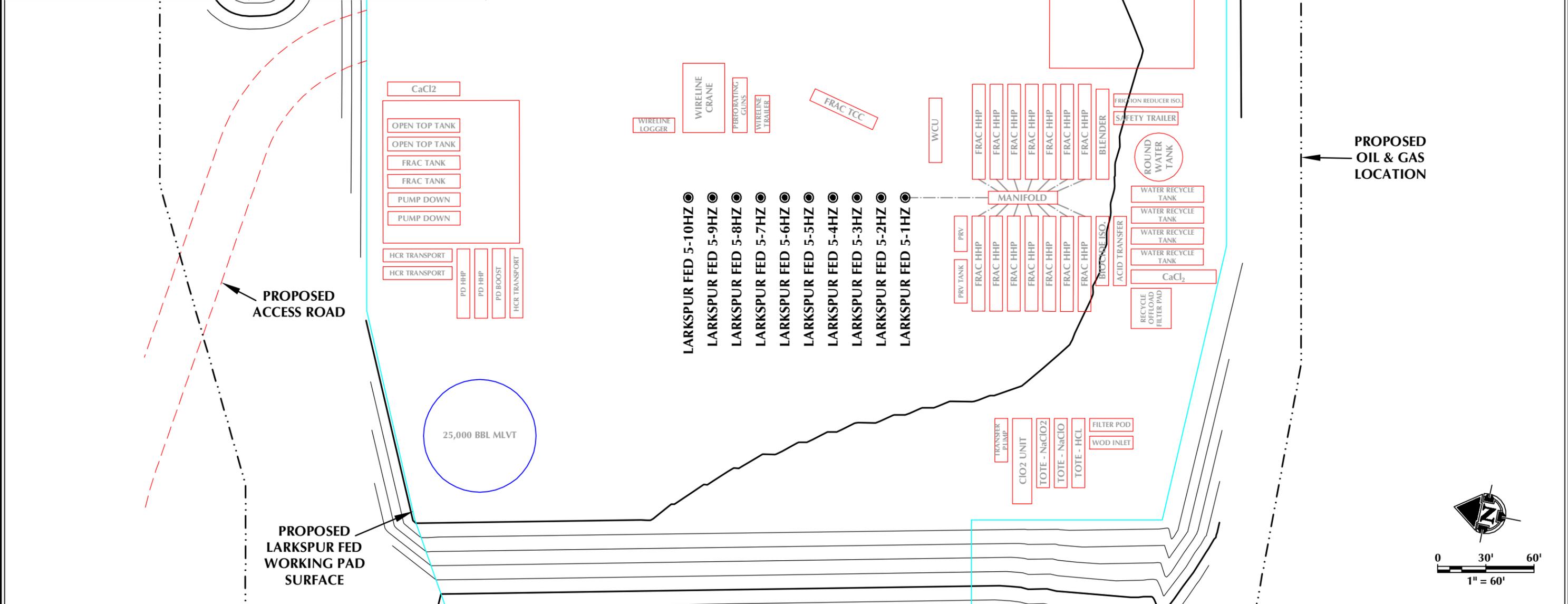


PRELIMINARY WELL COMPLETION AND STIMULATION LAYOUT DRAWING

LARKSPUR FED

S1/2 NW1/4 SECTION 5, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M., WELD COUNTY, COLORADO

EQUIPMENT	CAPACITY
ACID TRANSPORT	4,000 GAL CAPACITY
HCR SYNTHETIC ACID TRANSPORT	4,000 GAL CAPACITY
FRICITION 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
ROUND WATER 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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**Kerr-McGee Oil & Gas Onshore LP**

1099 18th Street  
Denver, Colorado 80202

SCALE: 1" = 60'

DATE SURVEYED: 11/30/23

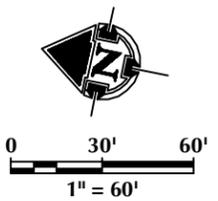
DATE: 3/4/24

DRAFTER: GLK

REVISED:

**NOTE:**

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



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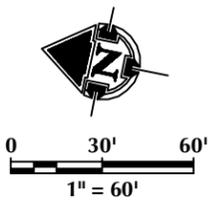
PRELIMINARY FLOWBACK EQUIPMENT LAYOUT DRAWING

LARKSPUR FED

S1/2 NW1/4 SECTION 5, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M., WELD COUNTY, COLORADO



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



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

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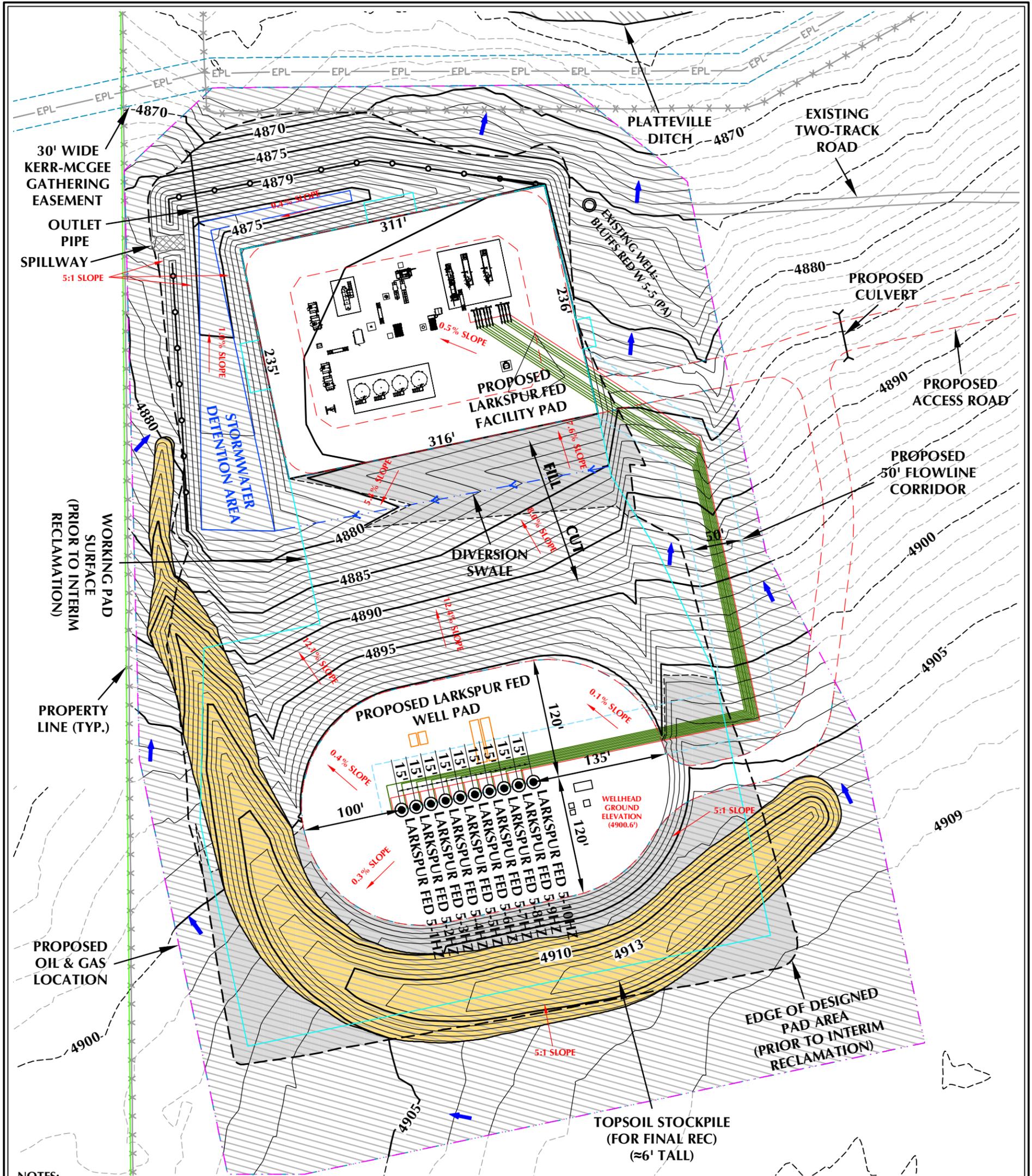
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1099 18th Street  
Denver, Colorado 80202

SCALE: 1" = 60'  
DATE SURVEYED: 11/30/23  
DATE: 3/4/24  
DRAFTER: GLK  
REVISED:

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



### LARKSPUR FED FACILITY LAYOUT DRAWING

#### QUANTITIES AND DESIGN PARAMETERS

SHRINKAGE FACTOR = 1.00  
 SWELL FACTOR = 1.00  
 PROPOSED OIL & GAS LOCATION = 15.36 ACRES  
 AREA RECLAIMED DURING INTERIM RECLAMATION = 11.63 ACRES  
 TOTAL WELL PAD AREA AFTER INTERIM RECLAMATION = 1.93 ACRES  
 TOTAL FACILITY PAD AREA AFTER INTERIM RECLAMATION = 1.80 ACRES

#### PAD QUANTITIES

TOTAL CUT = 24,148 C.Y.  
 TOTAL FILL = 24,148 C.Y.  
 TOTAL TOPSOIL @ 6" DEPTH FROM CONSTRUCTION PHASE = 8,190 C.Y.  
 TOPSOIL USED FOR INTERIM REC = 5,178 C.Y.  
 TOPSOIL STORED FOR FINAL REC = 3,012 C.Y.

LAND USE: RANGELAND  
 FACILITY REVISION: LARKSPUR-PP-2020 REV D

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

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**SCALE: 1"=100'** **DATE: 3/4/24** **SHEET NO: 1**

**REVISIONS:**

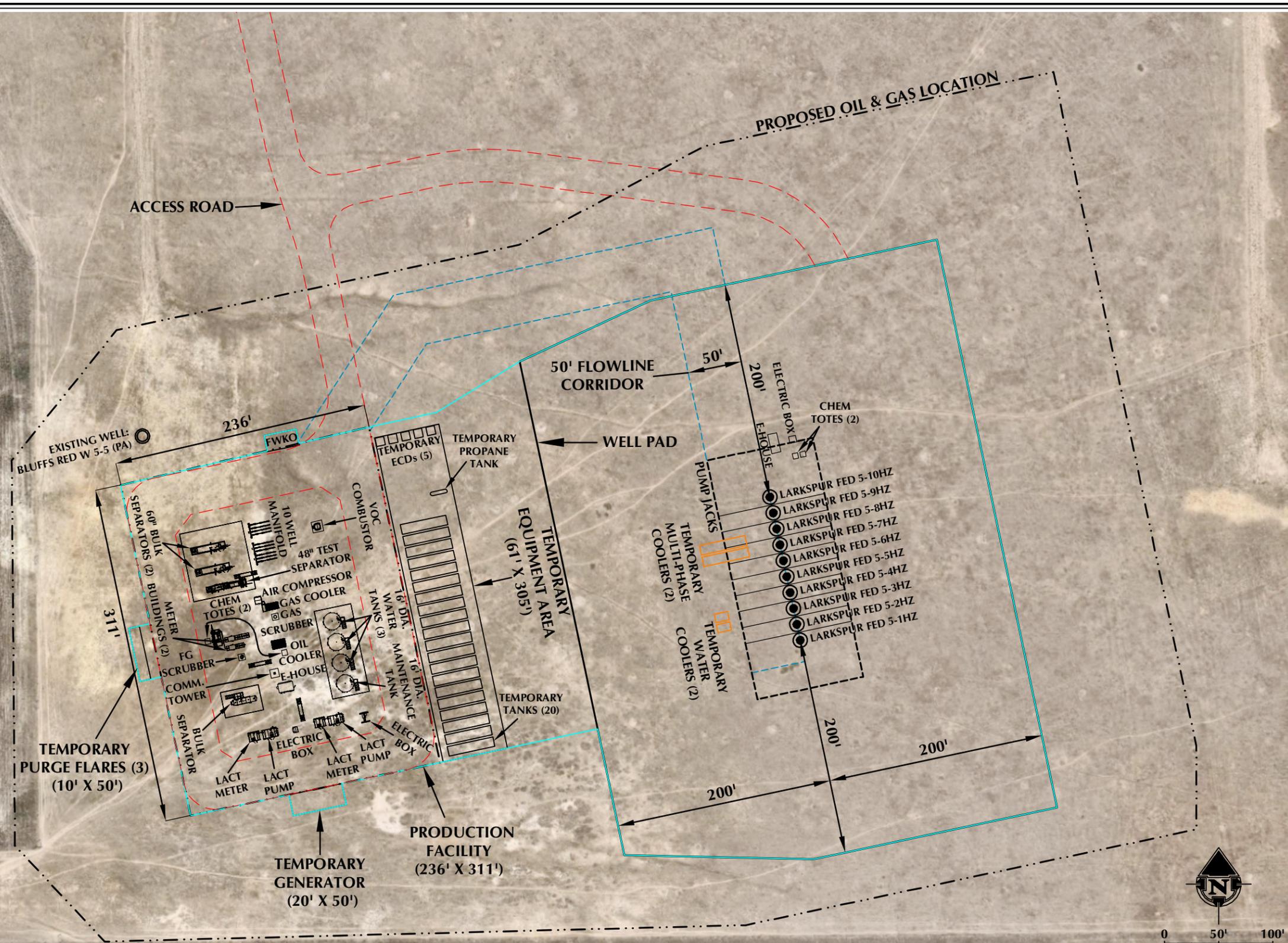
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**DISTANCE FROM WORKING PAD SURFACE TO:**

BUILDING	±1918' N
RESIDENTIAL BUILDING UNIT (RBU)	±2001' N
HIGH OCCUPANCY BUILDING UNIT (HOBV)	5280'+ N
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+ W
PUBLIC ROAD	±1622' N
ABOVE GROUND UTILITY	±1598' W
RAILROAD	±2228' W
PROPERTY LINE	±72' S
SCHOOL FACILITY	5280'+ N
CHILD CARE CENTER	5280'+ N
DISPROPORTIONATELY IMPACTED (DI) COMMUNITY	5280'+ S
RBU, HOBV, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	5280'+ S

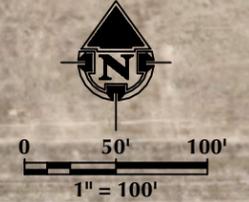
**DISTANCE FROM NEAREST PROPOSED WELL TO:**

TEMPORARY WATER TANK	±296' W
PERMANENT WATER TANK	±411' W
PERMANENT MAINTENANCE TANK	±411' W
SEPARATOR	±490' W
TEMPORARY PURGE FLARE	±594' W
TEMPORARY ECD	±314' W
VOC COMBUSTOR	±413' W
WORKING PAD SURFACE	±200' S



**LEGEND:**

	PROPOSED WELL		PROPOSED OIL & GAS LOCATION
	ROAD PROPOSED		PROPOSED FLOWLINE CORRIDOR
	WORKING PAD SURFACE		



SHEET 2 OF 2

**NOTES:**

- EQUIPMENT PLACEMENT IS APPROXIMATE AND SUBJECT TO MINOR MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.
- FLOWLINE CORRIDOR IS APPROXIMATE AND SUBJECT TO MINOR MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

**FACILITY COORDINATES:**  
LAT: 40.168460° LONG: -104.806313° (NAD83)

**DATA SOURCES:**  
- AERIAL COURTESY OF NEARMAP

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SCALE: 1" = 100'  
DATE SURVEYED: 11/30/23  
DATE: 3/4/24  
DRAFTER: GLK  
REVISED:

**FACILITY LAYOUT DRAWING**  
**LARKSPUR FED**  
LOCATED IN SECTION 5, T2N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

K:\WMD\K02023\23\_125\_LARKSPUR\_FED\_T2N\_R66W\_SEC\_5D\MG\LARKSPUR\_FED\_T2N\_R66W\_SEC\_5.dwg, 3/8/2024 11:22:50 PM, ssumdeng