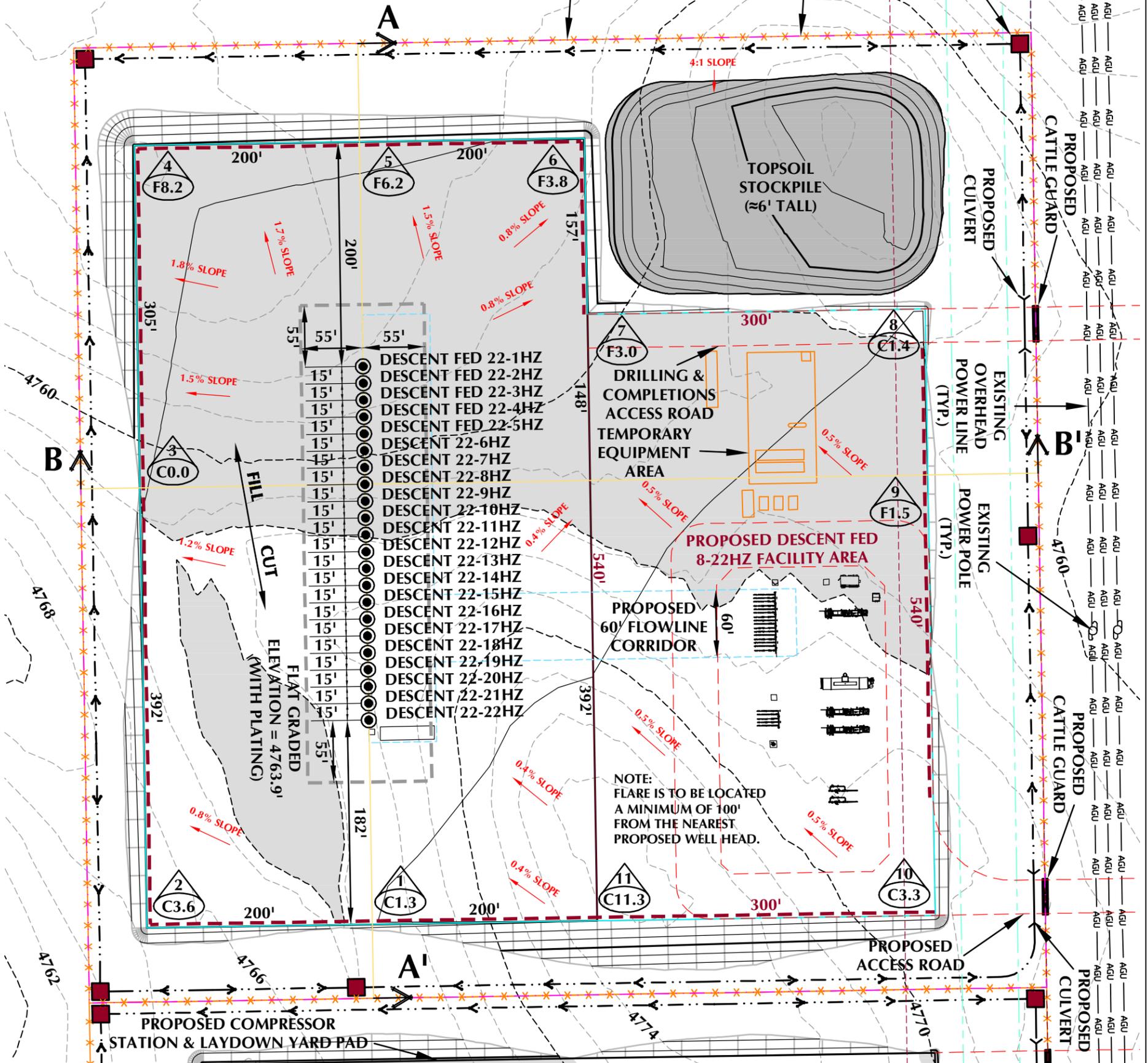


WELL NAME:	C/F	WELL NAME:	C/F
DESCENT FED 22-1HZ	F7.5	DESCENT 22-12HZ	C0.5
DESCENT FED 22-2HZ	F6.9	DESCENT 22-13HZ	C1.3
DESCENT FED 22-3HZ	F6.3	DESCENT 22-14HZ	C1.8
DESCENT FED 22-4HZ	F5.7	DESCENT 22-15HZ	C2.3
DESCENT FED 22-5HZ	F5.1	DESCENT 22-16HZ	C2.7
DESCENT 22-6HZ	F4.2	DESCENT 22-17HZ	C2.8
DESCENT 22-7HZ	F3.4	DESCENT 22-18HZ	C2.7
DESCENT 22-8HZ	F2.6	DESCENT 22-19HZ	C2.5
DESCENT 22-9HZ	F1.9	DESCENT 22-20HZ	C2.3
DESCENT 22-10HZ	F1.0	DESCENT 22-21HZ	C1.9
DESCENT 22-11HZ	F0.3	DESCENT 22-22HZ	C1.8



- NOTES:**
1. AT THE TIME OF FILING THIS APPLICATION, PIPELINE AND UTILITY CORRIDORS WILL DISTURB APPROXIMATELY 135.83 ACRES FOR DEVELOPMENT OF THE NINE LOCATIONS INCLUDED IN THIS PROPOSED FULLY OGD AND COLT OGD IN THE BRONCO CAP. THE ENTIRE PIPELINE AND UTILITY CORRIDORS MUST BE CONSTRUCTED TO SUPPORT PRODUCTION FROM THIS OGD.
  2. AT THE TIME OF FILING THIS APPLICATION, THE IMPROVED EXISTING PERMANENT PRIVATE ACCESS ROAD WILL DISTURB APPROXIMATELY 31.22 ACRES AND BE UTILIZED FOR THE DEVELOPMENT OF THE NINE LOCATIONS INCLUDED IN THIS PROPOSED FULLY OGD AND COLT OGD IN THE BRONCO CAP. THE NEW ACCESS ROAD DISTURBANCE ACREAGE LISTED BELOW IS ONLY FOR THE DESCENT FED 8-22HZ LOCATION.
  3. 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
  4. DIVERSION DITCH AND/OR BERM TO BE CONSTRUCTED AROUND THE ENTIRE PAD LOCATION. BERM SECTIONS TO BE COMPACTED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
  5. CENTER OF WELL PAD REFERENCED BELOW CORRESPONDS TO THE SURFACE LOCATION OF THE DESCENT 22-8HZ WELL.
  6. FLAT GRADED AREA TO BE RECLAIMED DURING INTERIM RECLAMATION.
  7. CONTOURS DISPLAYED ARE GENERATED USING SURFACE INCLUDING PLATING MATERIAL. PLATING TO BE PLACED FOR STRONGBACK MATERIAL AND ACROSS ENTIRE GRADED PAD AT 8" DEPTH.

**DESCENT FED 8-22HZ CONSTRUCTION LAYOUT DRAWING - PLAN VIEW**

**QUANTITIES AND DESIGN PARAMETERS**  
 EXISTING GRADE @ CENTER OF PAD = 4761.3'  
 FINISHED GRADE ELEVATION = 4763.9' (WITH PLATING)  
 CUT/FILL SLOPES = 4:1  
 SHRINKAGE FACTOR = 1.10  
 SWELL FACTOR = 1.00  
 GRADED PAD SURFACE AREA = 10.12 ACRES  
 TOTAL PAD AREA = 11.16 ACRES  
 TOTAL FENCED AREA = 16.60 ACRES  
 PROPOSED OIL & GAS LOCATION = 16.60 ACRES

**PAD QUANTITIES**  
 TOTAL CUT FOR PAD = 36,173 C.Y.  
 TOTAL FILL FOR PAD = 36,173 C.Y.  
 TOPSOIL @ 6" DEPTH = 9,006 C.Y.  
 STRONGBACK PLATING MATERIAL = 3,319 C.Y.  
 PLATING MATERIAL @ 8" DEPTH = 11,824 C.Y.  
 TOTAL PLATING MATERIAL = 15,143 C.Y.  
**TOTAL DISTURBANCE AREA**  
 OIL & GAS LOCATION = 16.60 ACRES  
 WORKING PAD SURFACE = 10.12 ACRES  
 IMPROVED ACCESS ROAD = SEE NOTE 2  
 NEW ACCESS ROAD = 0.52 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
- - - WORKING PAD SURFACE
- - - PROPOSED SOUND MITIGATION
- - - EXISTING FENCE
- - - PROPOSED FENCE
- - - DIVERSION DITCH AND/OR BERM

**SCALE:** 1"=100'  
**DATE:** 11/22/23  
**SHEET NO:** 1 OF 1

**DESCENT FED 8-22HZ**  
 CONSTRUCTION LAYOUT DRAWING - PLAN VIEW  
 DESCENT FED 22-1HZ, DESCENT FED 22-2HZ, DESCENT FED 22-3HZ,  
 DESCENT FED 22-4HZ, DESCENT FED 22-5HZ, DESCENT 22-6HZ,  
 DESCENT 22-7HZ, DESCENT 22-8HZ, DESCENT 22-9HZ, DESCENT 22-10HZ,  
 DESCENT 22-11HZ, DESCENT 22-12HZ, DESCENT 22-13HZ, DESCENT 22-14HZ,  
 DESCENT 22-15HZ, DESCENT 22-16HZ, DESCENT 22-17HZ, DESCENT 22-18HZ,  
 DESCENT 22-19HZ, DESCENT 22-20HZ, DESCENT 22-21HZ & DESCENT 22-22HZ  
 LOCATED IN SECTION 22, T4N, R63W, 6TH P.M.  
 WELD COUNTY, COLORADO

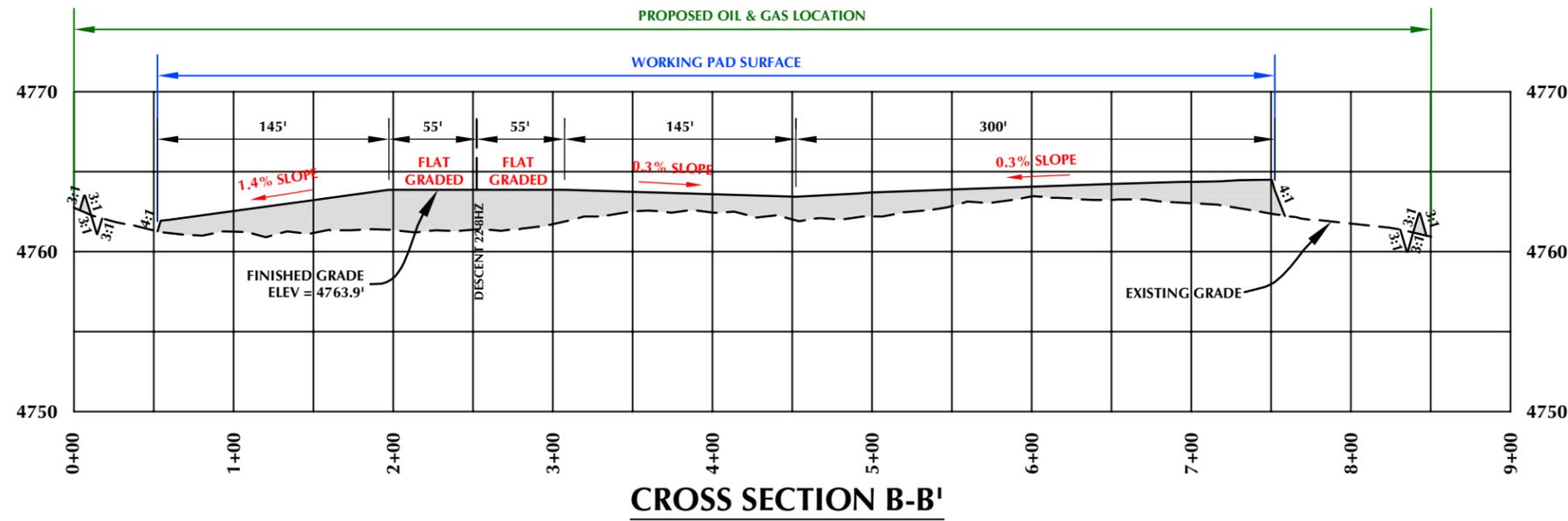
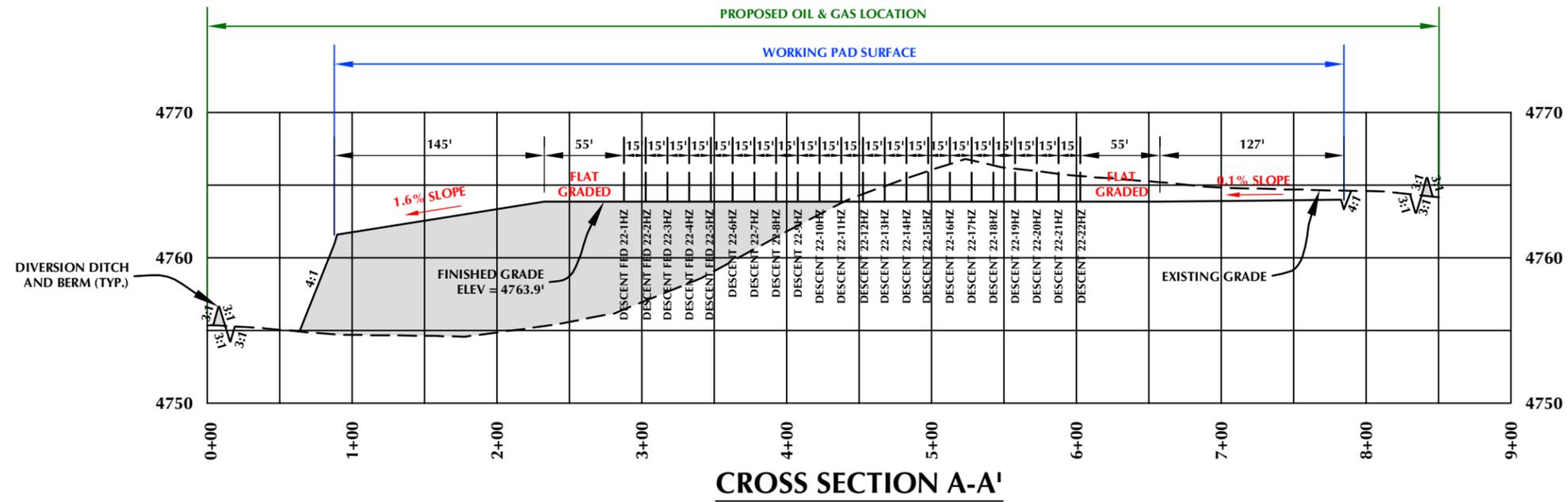
**Kerr-McGee Oil & Gas Onshore LP**  
 1099 18th Street  
 Denver, Colorado 80202

**609 CONSULTING, LLC**

LOVELAND OFFICE  
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 Loveland, Colorado 80538  
 Phone 970-776-4331

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

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**DESCENT FED 8-22HZ**

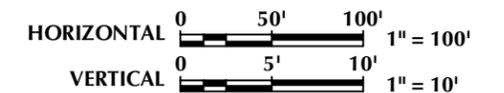
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 DESCENT 22-7HZ, DESCENT 22-8HZ, DESCENT 22-9HZ, DESCENT 22-10HZ,  
 DESCENT 22-11HZ, DESCENT 22-12HZ, DESCENT 22-13HZ, DESCENT 22-14HZ,  
 DESCENT 22-15HZ, DESCENT 22-16HZ, DESCENT 22-17HZ, DESCENT 22-18HZ,  
 DESCENT 22-19HZ, DESCENT 22-20HZ, DESCENT 22-21HZ & DESCENT 22-22HZ  
 LOCATED IN SECTION 22, T4N, R63W, 6TH P.M.  
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**CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS**

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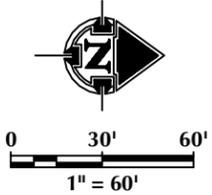
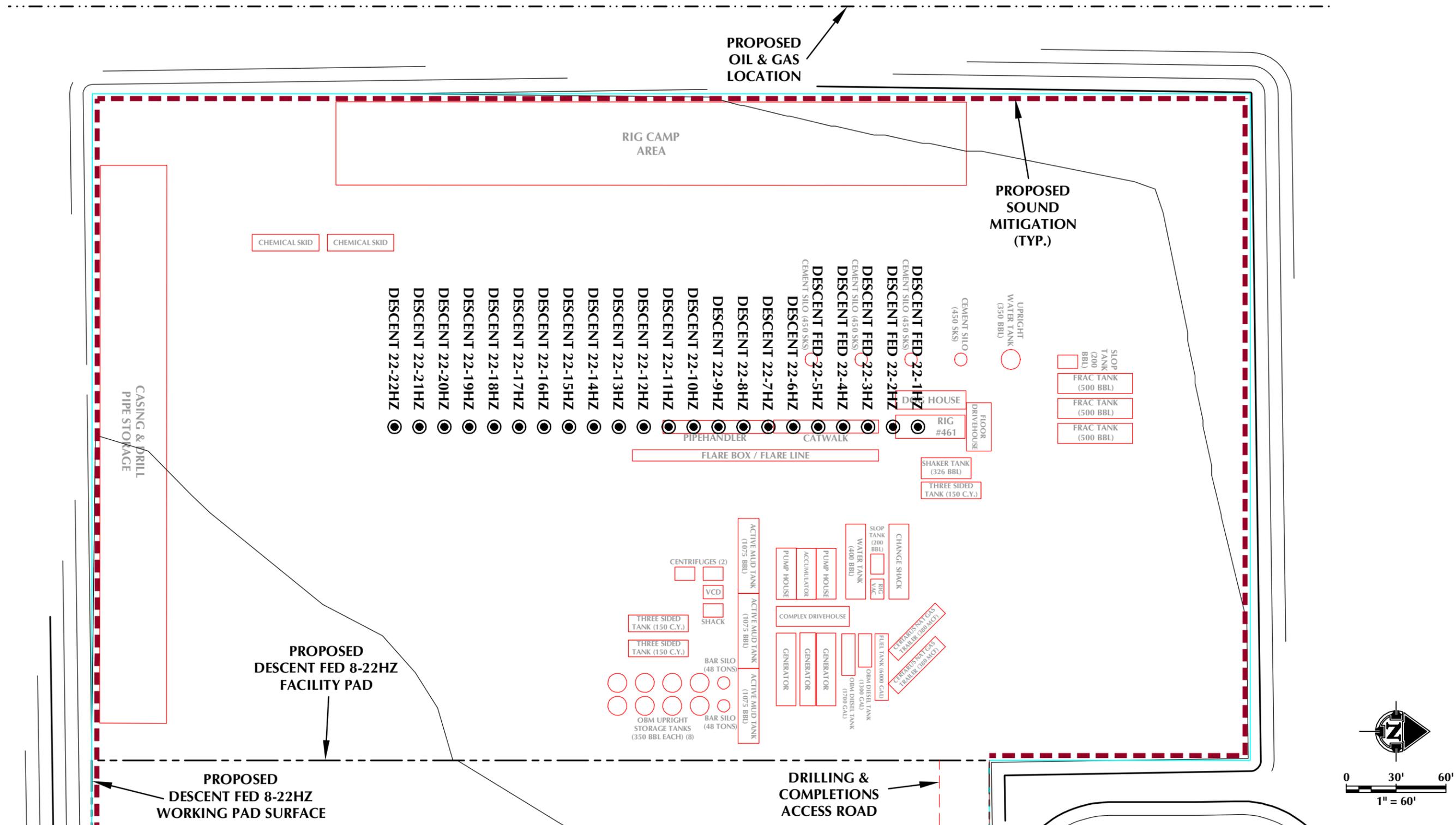


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SCALE: 1"=100'	DATE: 11/22/23	SHEET NO:
REVISED:	SRS 11/30/23	<b>1</b> OF 1

**PRELIMINARY RIG LAYOUT DRAWING**  
**DESCENT FED 8-22HZ**  
 SE1/4 NE1/4 SECTION 22, TOWNSHIP 4 NORTH, RANGE 63 WEST, 6TH P.M., WELD COUNTY, COLORADO



**LEGEND**

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

  
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 1099 18th Street  
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SCALE:	1" = 60'
DATE SURVEYED:	9/27/23
DATE:	11/22/23
DRAFTER:	GLK
REVISED:	11/30/23

**NOTE:**  
 1. RIG PROFILE IS APPROXIMATE AND SUBJECT TO MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

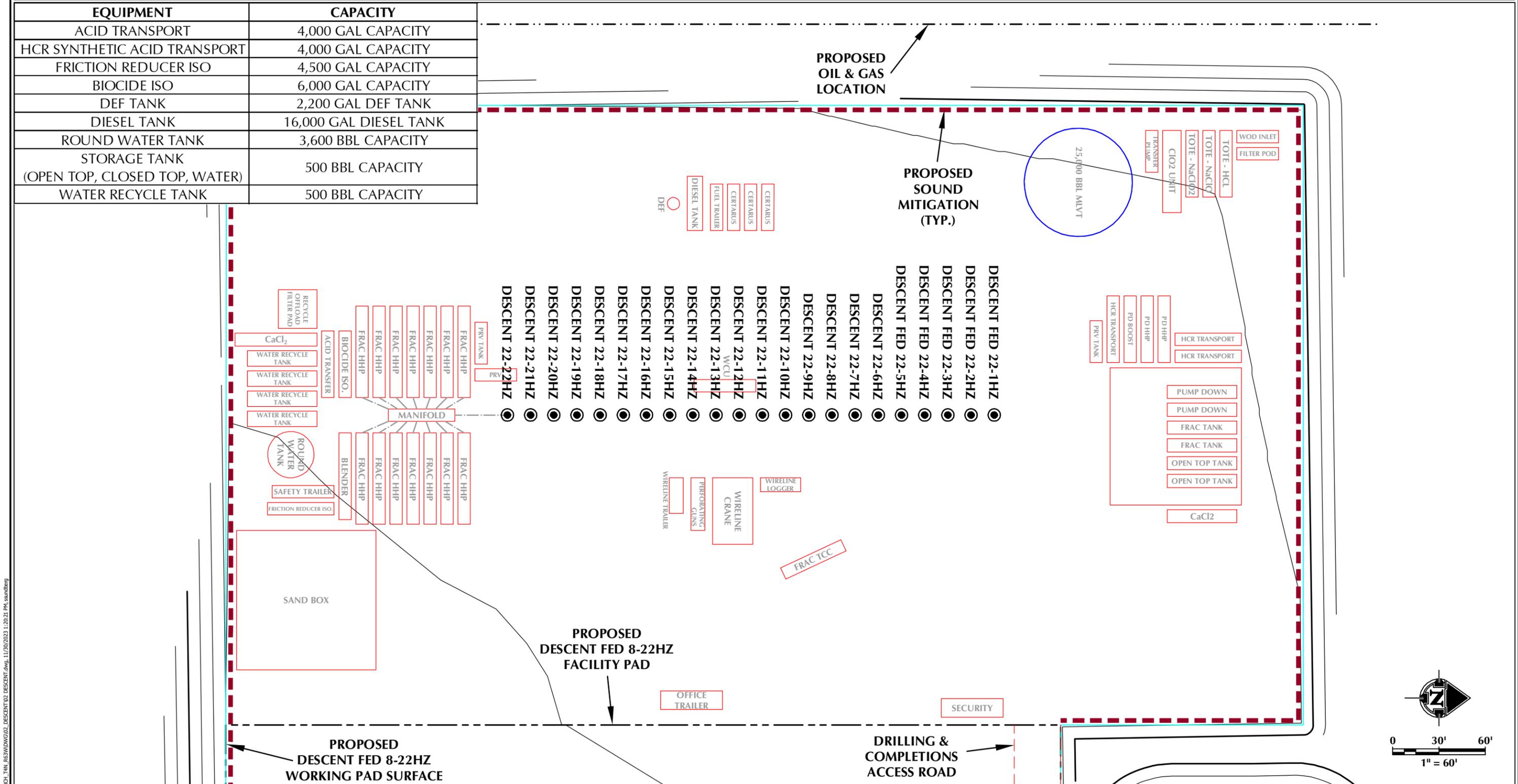
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PRELIMINARY WELL COMPLETION AND STIMULATION LAYOUT DRAWING

DESCENT FED 8-22HZ

SE1/4 NE1/4 SECTION 22, TOWNSHIP 4 NORTH, RANGE 63 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
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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Denver, Colorado 80202

SCALE: 1" = 60'

DATE SURVEYED: 9/27/23

DATE: 11/22/23

DRAFTER: GLK

REVISED: 11/30/23

**NOTE:**

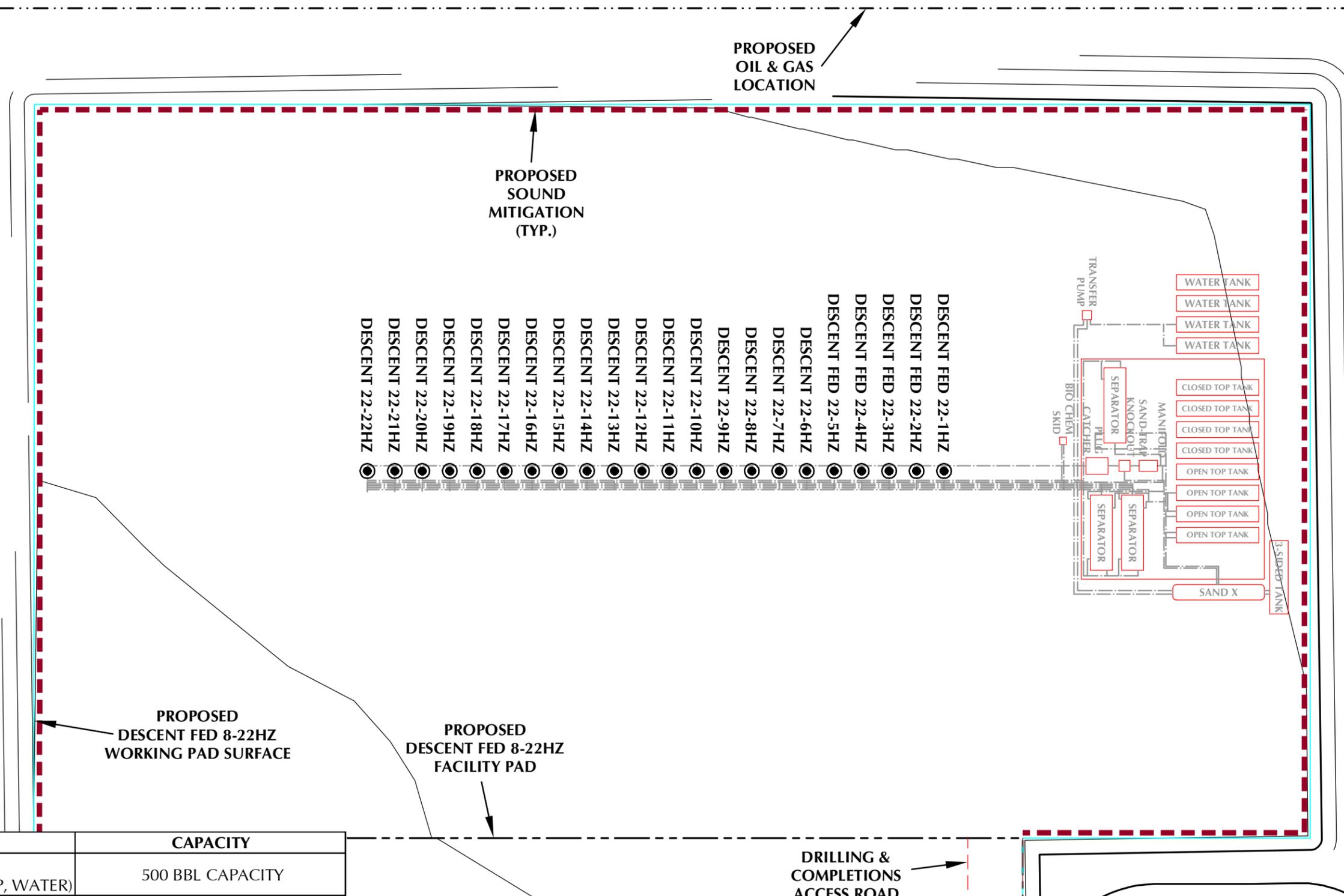
1. COMPLETION AND STIMULATION LAYOUT IS APPROXIMATE AND SUBJECT TO MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

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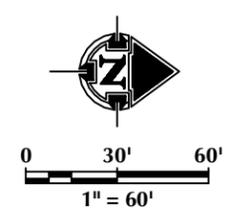
PRELIMINARY FLOWBACK EQUIPMENT LAYOUT DRAWING

DESCENT FED 8-22HZ

SE1/4 NE1/4 SECTION 22, TOWNSHIP 4 NORTH, RANGE 63 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

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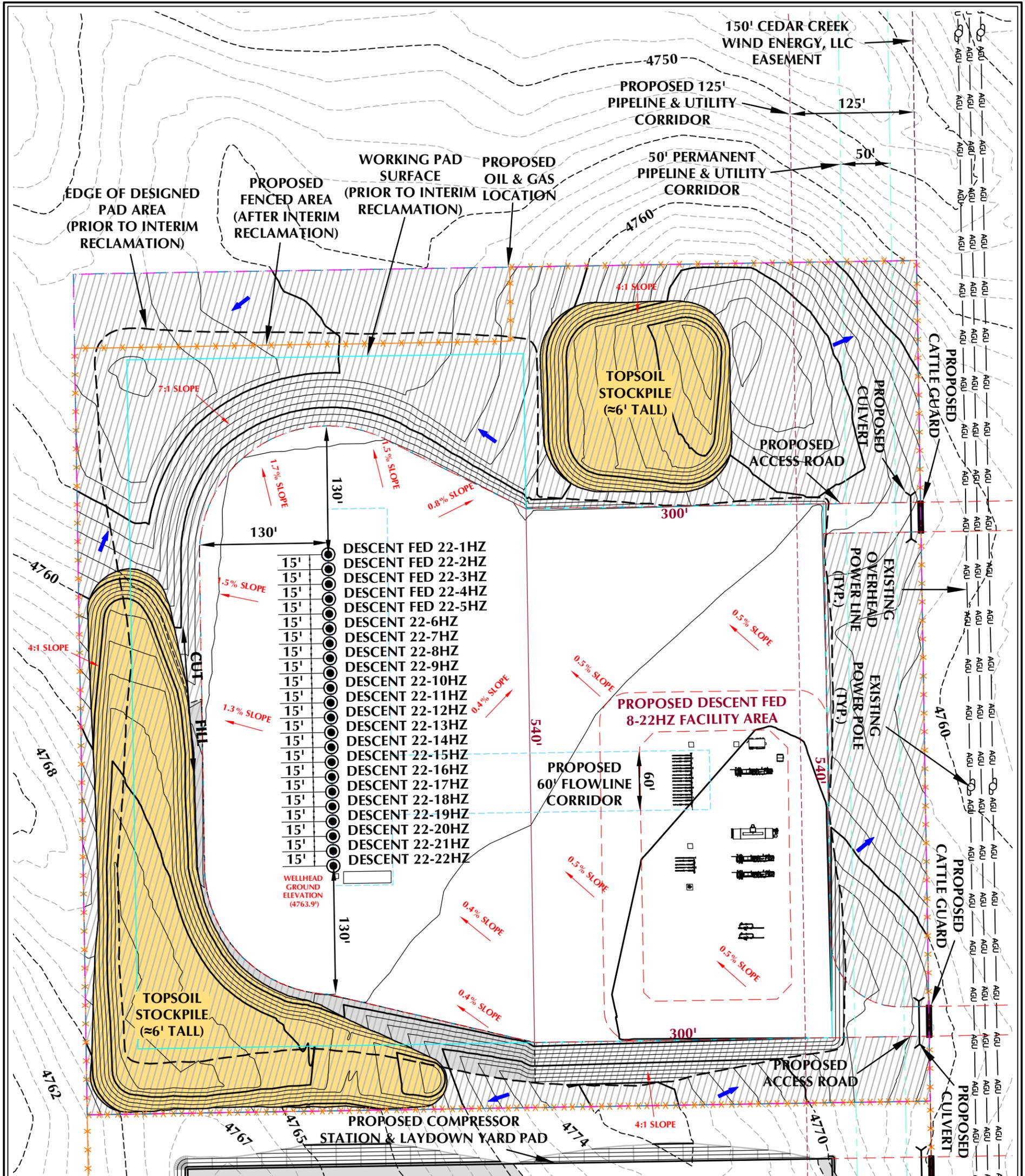
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Denver, Colorado 80202

SCALE: 1" = 60'  
DATE SURVEYED: 9/27/23  
DATE: 11/22/23  
DRAFTER: GLK  
REVISED: 11/30/23

**NOTE:**  
- 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. AT THE TIME OF FILING THIS APPLICATION, PIPELINE AND UTILITY CORRIDORS WILL DISTURB APPROXIMATELY 135.83 ACRES FOR DEVELOPMENT OF THE NINE LOCATIONS INCLUDED IN THIS PROPOSED FILLY OGDG AND COLT OGDG IN THE BRONCO CAP. THE ENTIRE PIPELINE AND UTILITY CORRIDORS MUST BE CONSTRUCTED TO SUPPORT PRODUCTION FROM THIS OGDG.
  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 6' TALL TOPSOIL STOCKPILES ARE TO BE CONSTRUCTED UTILIZING ±12,740 C.Y. OF BASE MATERIAL AT APPROXIMATELY 4' OF HEIGHT AND COVERED WITH ±6,470 C.Y. OF TOPSOIL TO REACH THE EFFECTIVE 6' TALL TOPSOIL STOCKPILE HEIGHTS.
  4. RECLAIMED AREA WILL BE RE-SEEDING AND RE-VEGETATED DURING INTERIM RECLAMATION.

**DESCENT FED 8-22HZ FACILITY LAYOUT DRAWING**

**QUANTITIES AND DESIGN PARAMETERS**

SHRINKAGE FACTOR = 1.00  
 SWELL FACTOR = 1.00  
 PROPOSED OIL & GAS LOCATION = 16.60 ACRES  
 AREA RECLAIMED DURING INTERIM RECLAMATION = 8.58 ACRES  
 TOTAL PAD AREA AFTER INTERIM RECLAMATION = 8.02 ACRES  
 TOTAL FENCED AREA AFTER INTERIM RECLAMATION = 15.84 ACRES

**PAD QUANTITIES**

TOTAL CUT = 15,620 C.Y.  
 TOTAL FILL = 15,620 C.Y.  
 TOTAL TOPSOIL @ 6" DEPTH FROM CONSTRUCTION PHASE = 9,006 C.Y.  
 TOPSOIL USED FOR INTERIM REC = 2,536 C.Y.  
 TOPSOIL STORED FOR FINAL REC = 6,470 C.Y.

LAND USE: RANGELAND

**LEGEND**

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

**SCALE:** 1"=100'  
**DATE:** 11/22/23  
**SHEET NO:** 1 OF 2

**REVISIONS:** SRS 12/13/23

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**DESCENT FED 8-22HZ**

FACILITY LAYOUT DRAWING  
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 DESCENT FED 22-4HZ, DESCENT FED 22-5HZ, DESCENT 22-6HZ,  
 DESCENT 22-7HZ, DESCENT 22-8HZ, DESCENT 22-9HZ, DESCENT 22-10HZ,  
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 DESCENT 22-19HZ, DESCENT 22-20HZ, DESCENT 22-21HZ & DESCENT 22-22HZ  
 LOCATED IN SECTION 22, T4N, R63W, 6TH P.M.  
 WELD COUNTY, COLORADO

**Kerr-McGee Oil & Gas Onshore LP**  
 1099 18th Street  
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**609 CONSULTING, LLC**

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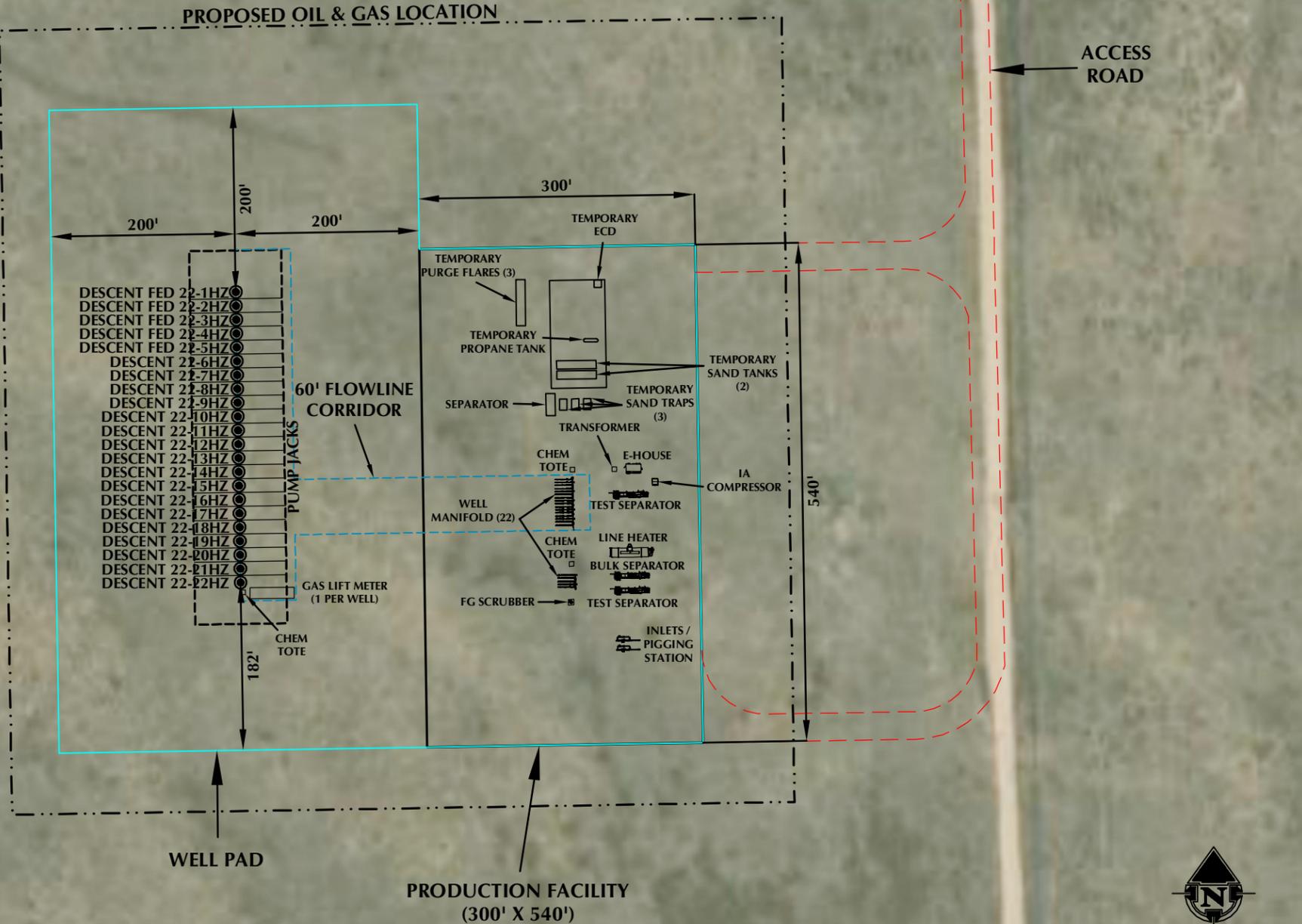
SHERIDAN OFFICE  
 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609

**DISTANCE FROM WORKING PAD SURFACE TO:**

BUILDING	5280'+ S
RESIDENTIAL BUILDING UNIT (RBU)	5280'+ N
HIGH OCCUPANCY BUILDING UNIT (HOBU)	5280'+ NW
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+ SW
PUBLIC ROAD	5280'+ N
ABOVE GROUND UTILITY	±155' E
RAILROAD	5280'+ N
PROPERTY LINE	±388' E
SCHOOL FACILITY	5280'+ NW
CHILD CARE CENTER	5280'+ NW
DISPROPORTIONATELY IMPACTED (DI) COMMUNITY	±0'
RBU, HOBU, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	5280'+ N

**DISTANCE FROM NEAREST WELL TO:**

TEST SEPARATOR	±406' E
TEMPORARY SAND TANK	±347' E
TEMPORARY ECD	±389' E
TEMPORARY PURGE FLARE	±304' E
WORKING PAD SURFACE	±182' 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: 40.299494° LONG: -104.416409° (NAD83)

**DATA SOURCES:**  
 - AERIAL COURTESY OF NAIP.

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**SCALE:** 1" = 150'  
**DATE SURVEYED:** 9/27/23  
**DATE:** 11/22/23  
**DRAFTER:** JAC  
**REVISED:** 12/13/23

**FACILITY LAYOUT DRAWING**  
 DESCENT FED 8-22HZ  
 LOCATED IN SECTION 22, T4N, R63W, 6TH P.M.  
 WELD COUNTY, COLORADO

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