

### 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

### 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

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

### LEGEND

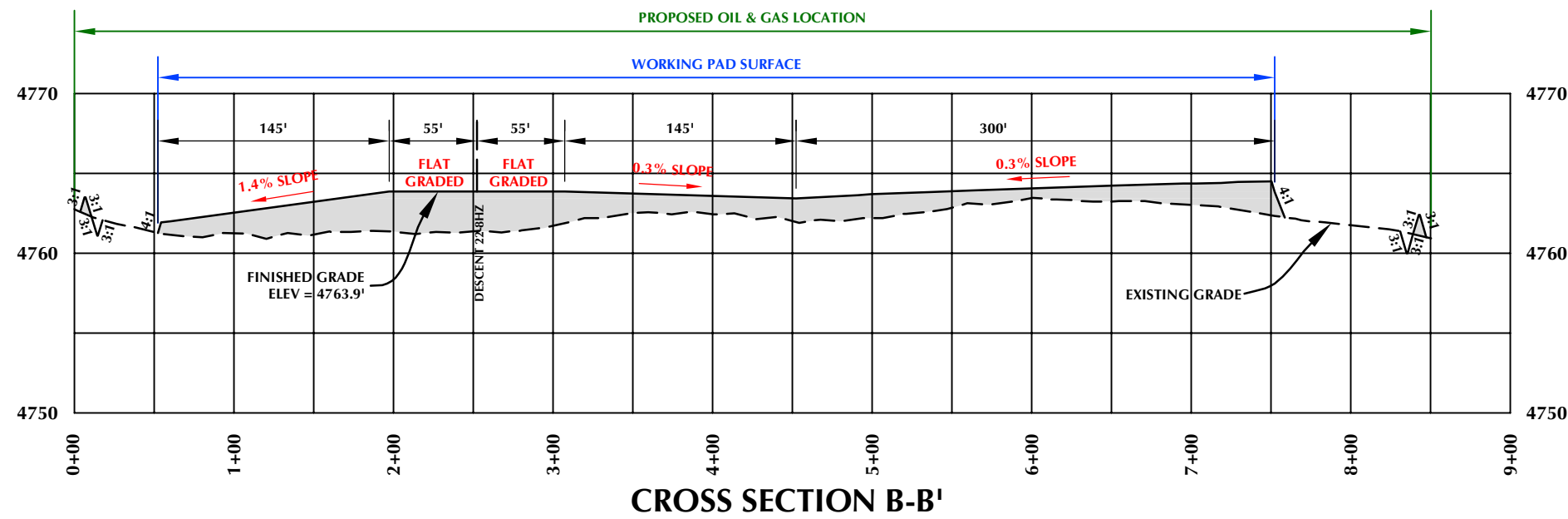
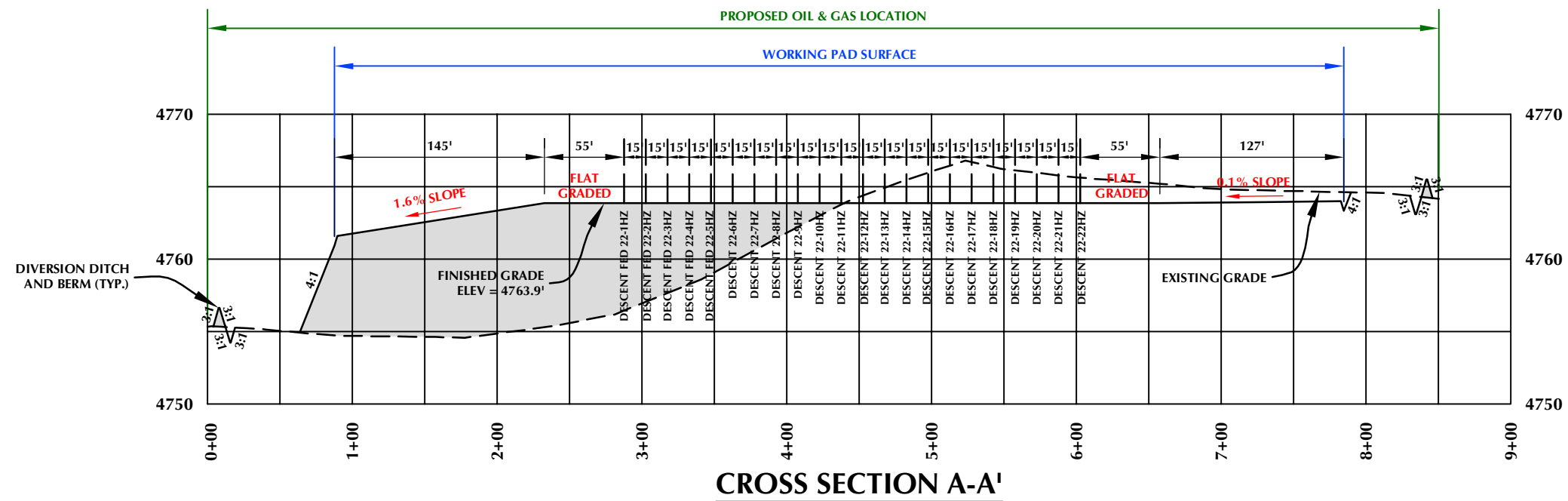
- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- EPL
- EXISTING PIPELINE
- WORKING PAD SURFACE
- PROPOSED SOUND MITIGATION
- EXISTING FENCE
- PROPOSED FENCE
- DIVERSION DITCH AND/OR BERM

HORIZONTAL 0 50' 100' 1" = 100'

2' CONTOURS

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

REVISED: SRS 12/13/23 1 OF 1



DESCENT FED 8-22HZ

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

## CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS

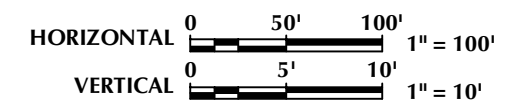
**Kerr-McGee Oil &  
Gas Onshore LP**  
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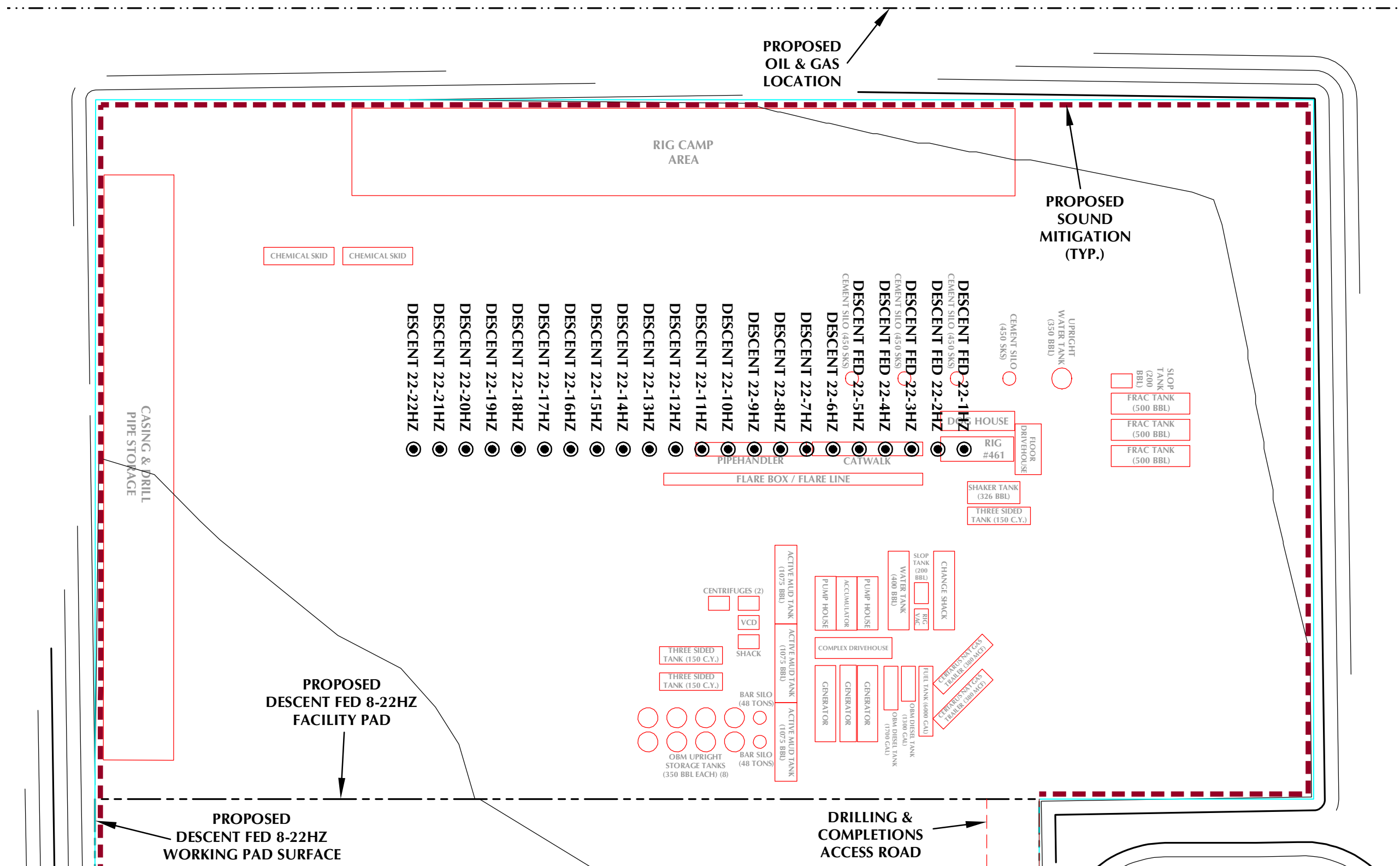
**SHERIDAN OFFICE**  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

CONSULTING, LLC



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

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

**609**

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

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.

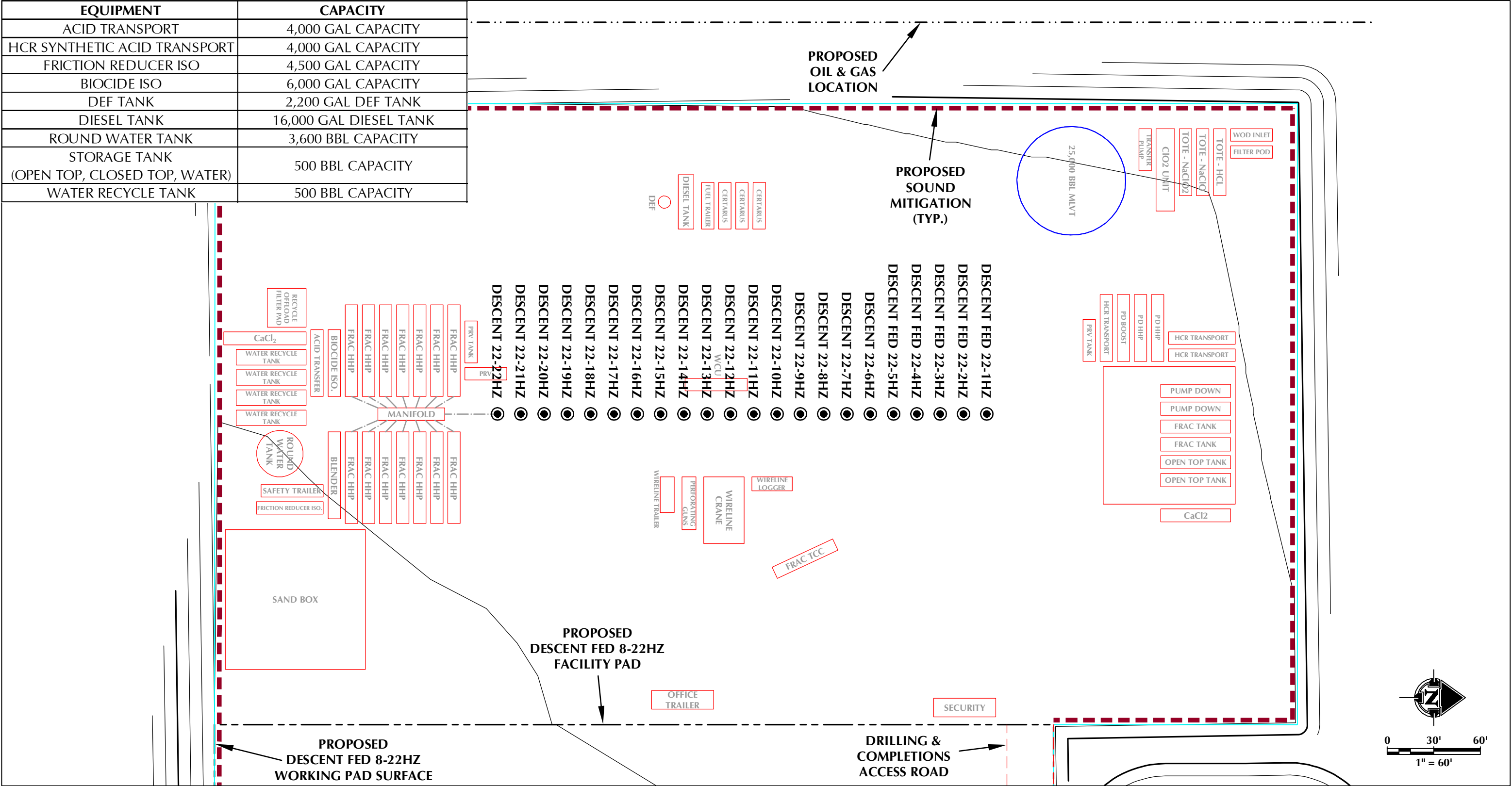
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PRELIMINARY WELL COMPLETION AND STIMULATION LAYOUT DRAWING

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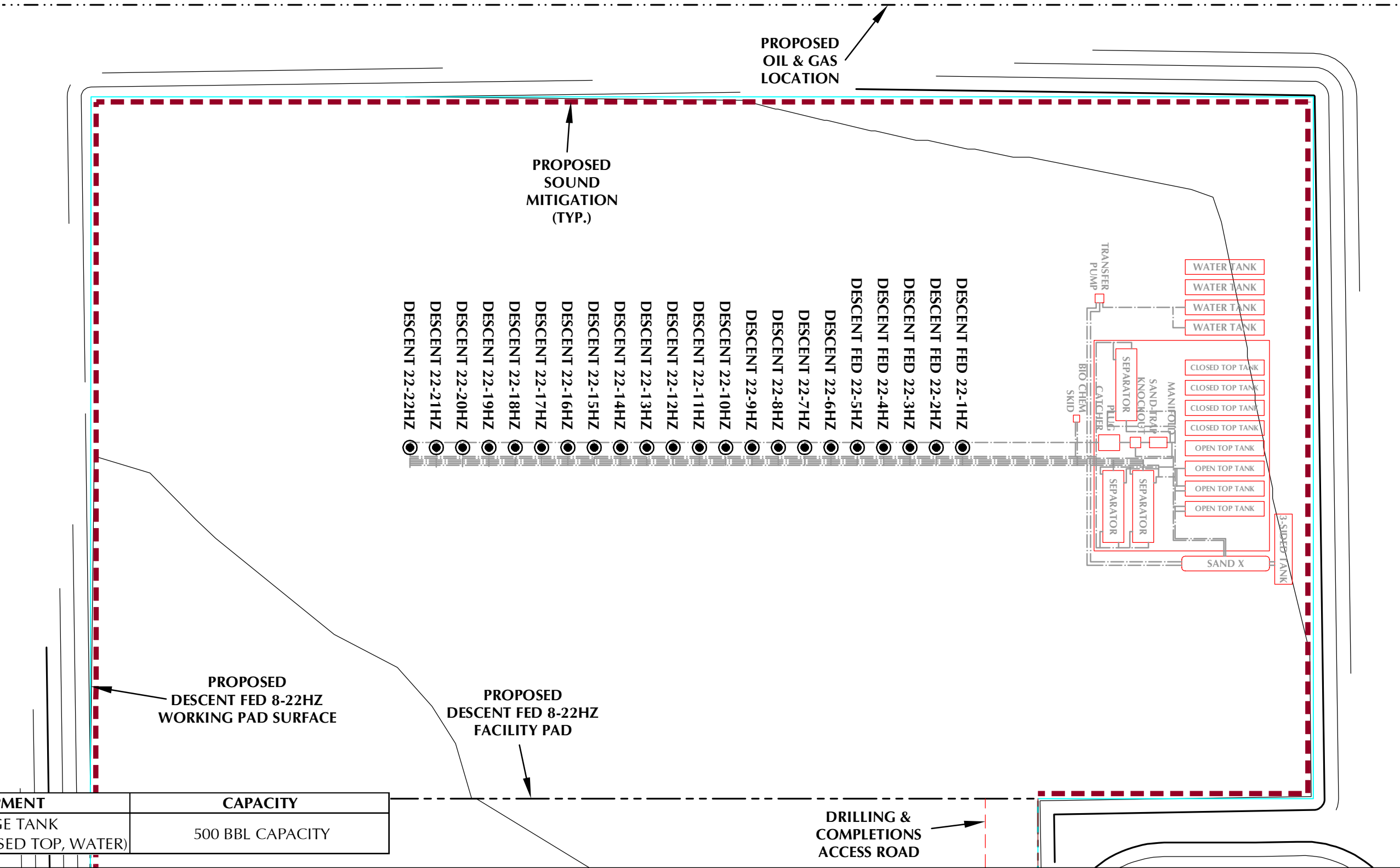
SCALE: 1" = 60'  
DATE SURVEYED: 9/27/23  
DATE: 11/22/23  
DRAFTER: GLK  
REVISED: 11/30/23

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

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



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

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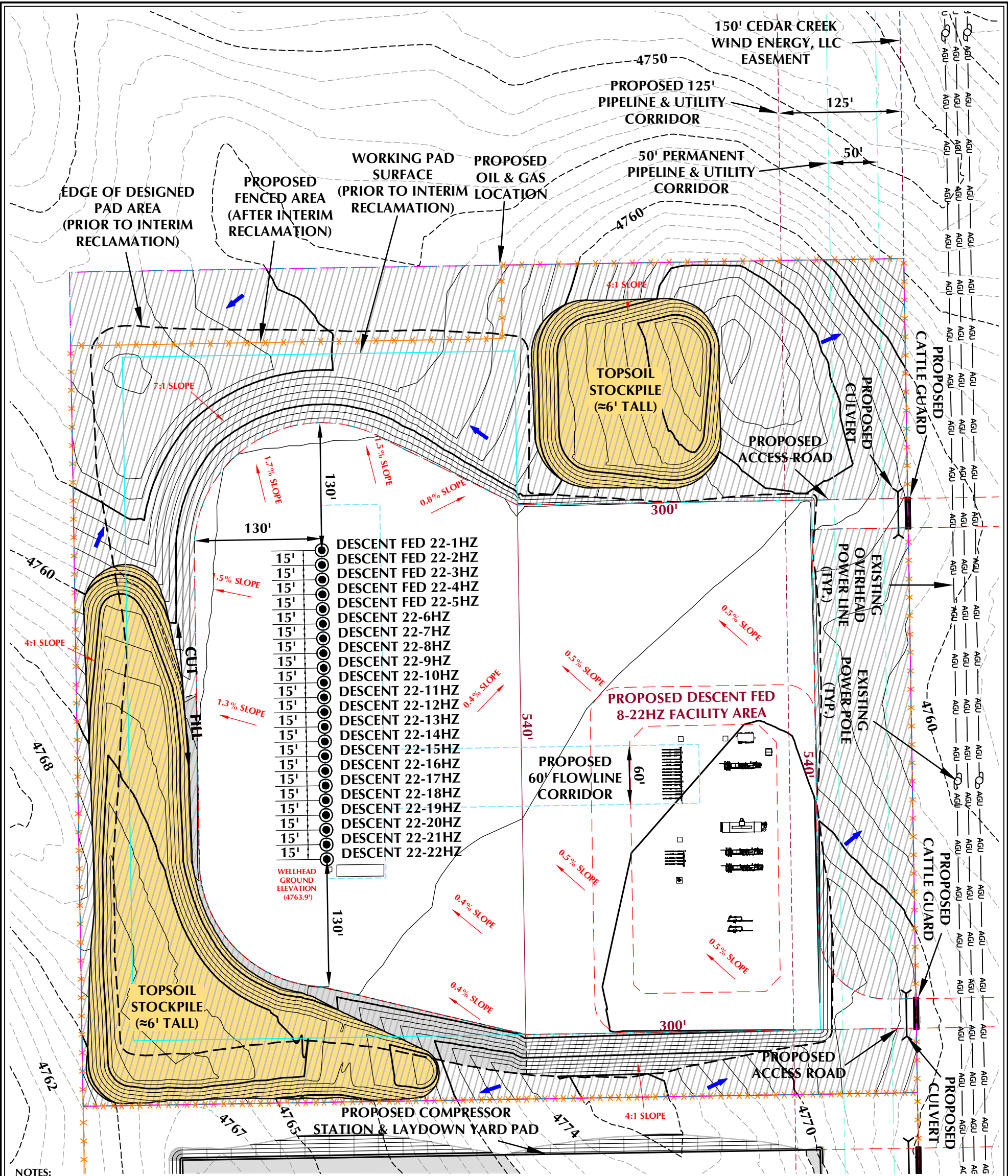
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Denver, Colorado 80202

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.



- 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-SEEDDED 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

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



HORIZONTAL 0 50' 100' 1" = 100'

1' CONTOURS

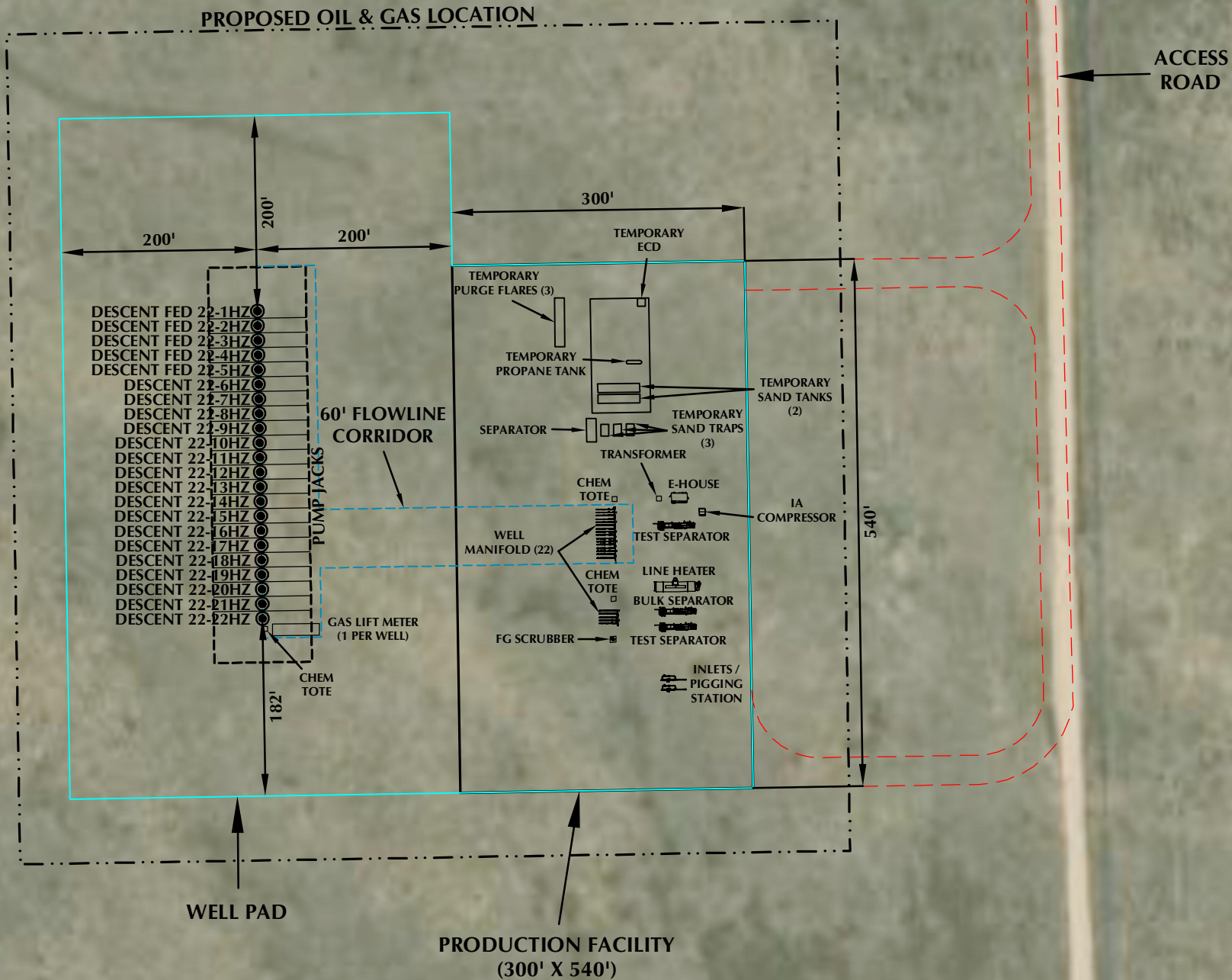
SCALE: 1"=100' DATE: 11/22/23 SHEET NO:

REVISED: SRS 12/13/23 1 1 OF 2

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

- 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

