

**BMP LEGEND:**  
 ST - SEDIMENT TRAP  
 W - WATTLE  
 --- OIL & GAS LOCATION (LOD)  
 --- WORKING PAD SURFACE

Sed. Trap #3  
 Vol. = 7,680 cu.ft.  
 L= 80', W=40', D=2.4'

Sed. Trap #1  
 Vol. = 5,415 cu.ft.  
 L= 75', W=38', D=1.9'

Sed. Trap #2  
 Vol. = 8,960 cu.ft.  
 L= 80', W=40', D=2.8'

FINISHED GRADE ELEVATION = 6618.1'

REV: 7 04-05-22 M.D. (EQUIPMENT CHANGES)

- NOTES:**
- Rounded corners shown at 35' radius.
  - Construct diversion ditches as needed.
  - Contours shown at 2' intervals.
  - Cut/Fill slopes 1 1/2:1 (Typ. except where noted).
  - Working Pad Surface Varies Overall.
  - The Cut and Fill slopes will be hydro-mulched following site construction.

**TEP Rocky Mountain LLC**

**FEDERAL RG 11-13-298 PAD  
 LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
 RIO BLANCO COUNTY, COLORADO**

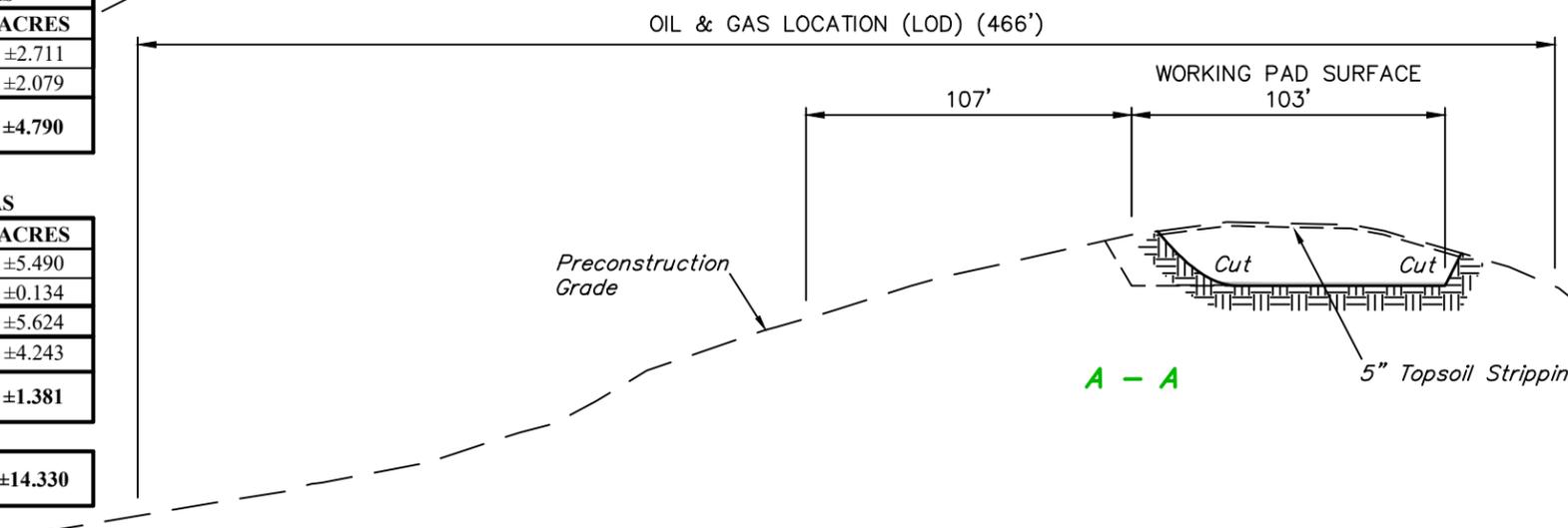
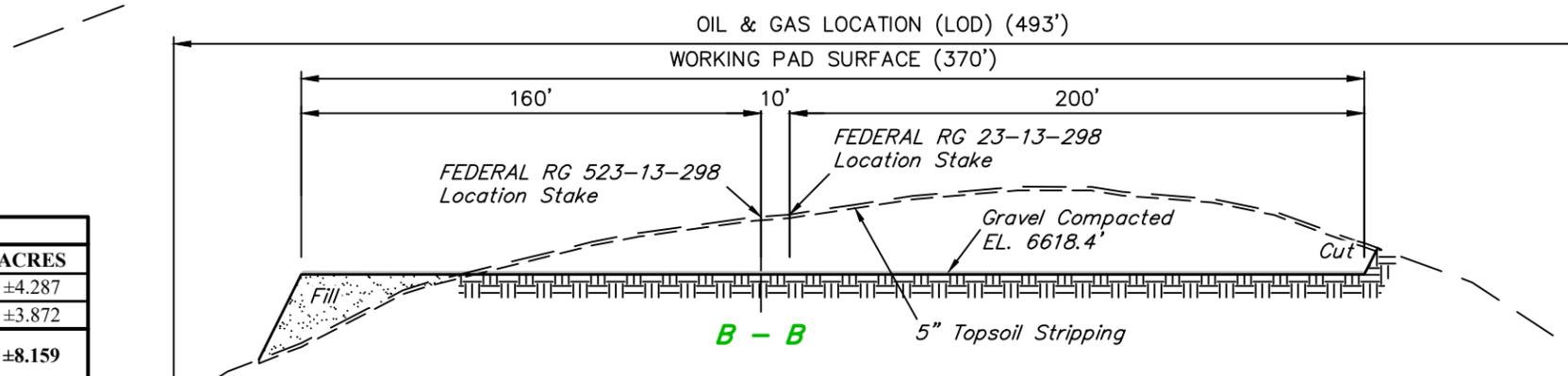
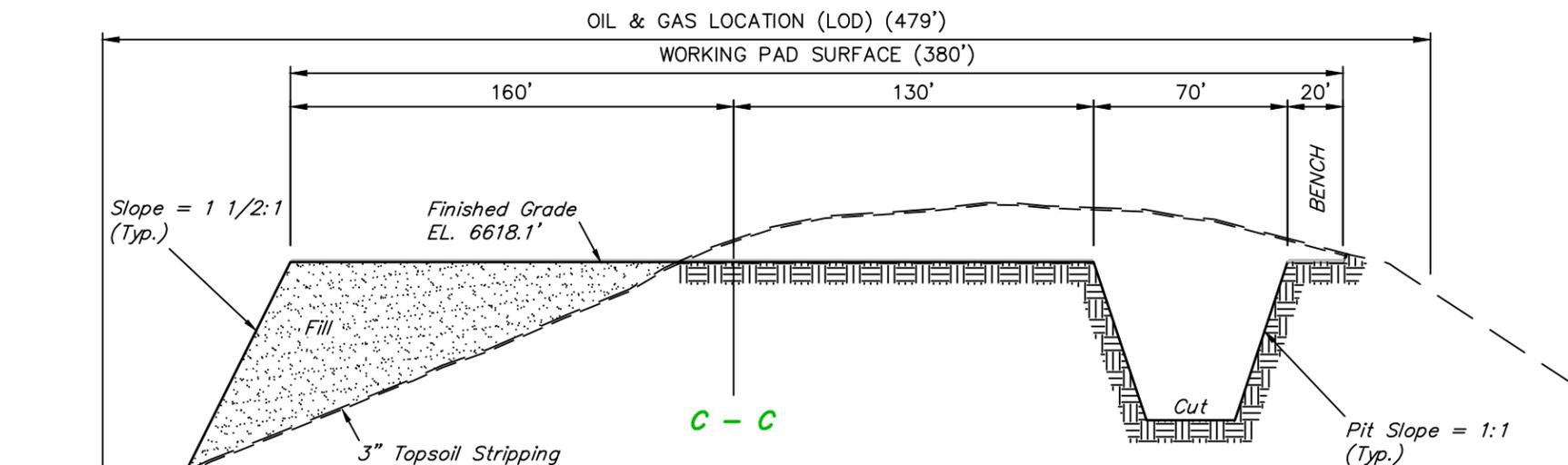
SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	1" = 60'

**CONSTRUCTION LAYOUT-PLAN VIEW**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

1" = 20'  
X-Section Scale  
1" = 60'



APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WORKING PAD SURFACE DISTURBANCE	NA	±4.287
CONSTRUCTION DISTURBANCE	NA	±3.872
<b>TOTAL OIL &amp; GAS LOCATION (LOD)</b>		<b>±8.159</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±3,937'	±2.711
ROAD DISTURBANCE OUTSIDE R-O-W	N/A	±2.079
<b>TOTAL ACCESS ROAD DISTURBANCE AREA</b>		<b>±4.790</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
60' WIDE PIPELINE R-O-W DISTURBANCE	±3,986'	±5.490
PIPELINE DISTURBANCE INSIDE PAD AREA	97'	±0.134
<b>TOTAL PIPELINE DISTURBANCE</b>	<b>4,083'</b>	<b>±5.624</b>
PIPELINE DISTURBANCE INSIDE ROAD R-O-W	N/A	±4.243
<b>TOTAL EXCESS PIPELINE DISTURBANCE AREA</b>		<b>±1.381</b>

<b>TOTAL PROJECT DISTURBANCE</b>		<b>±14.330</b>
----------------------------------	--	----------------

APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	3,950 Cu. Yds.
REMAINING LOCATION	26,050 Cu. Yds.
CUTTINGS TRENCH	16,080 Cu. Yds.
<b>TOTAL CUT</b>	<b>46,080 Cu. Yds.</b>
<b>FILL</b>	<b>26,050 Cu. Yds.</b>
EXCESS MATERIAL	20,030 Cu. Yds.
TOPSOIL & TRENCH BACKFILL	20,030 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

- NOTES:**
- Fill quantity includes 10% for compaction.
  - Calculations based on 6" of topsoil stripping.
  - Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

**NOTE:**  
Compacted Volume of Approximately 1750 Cu. Yds. 4" aggregate base pad surfacing material is to be Applied to Entire Pad Footprint.

REV: 7 04-05-22 M.D. (TOPSOIL CHANGE & UPDATE ACRES)

Sheet 1 of 2

**TEP Rocky Mountain LLC**

**FEDERAL RG 11-13-298 PAD  
LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
RIO BLANCO COUNTY, COLORADO**

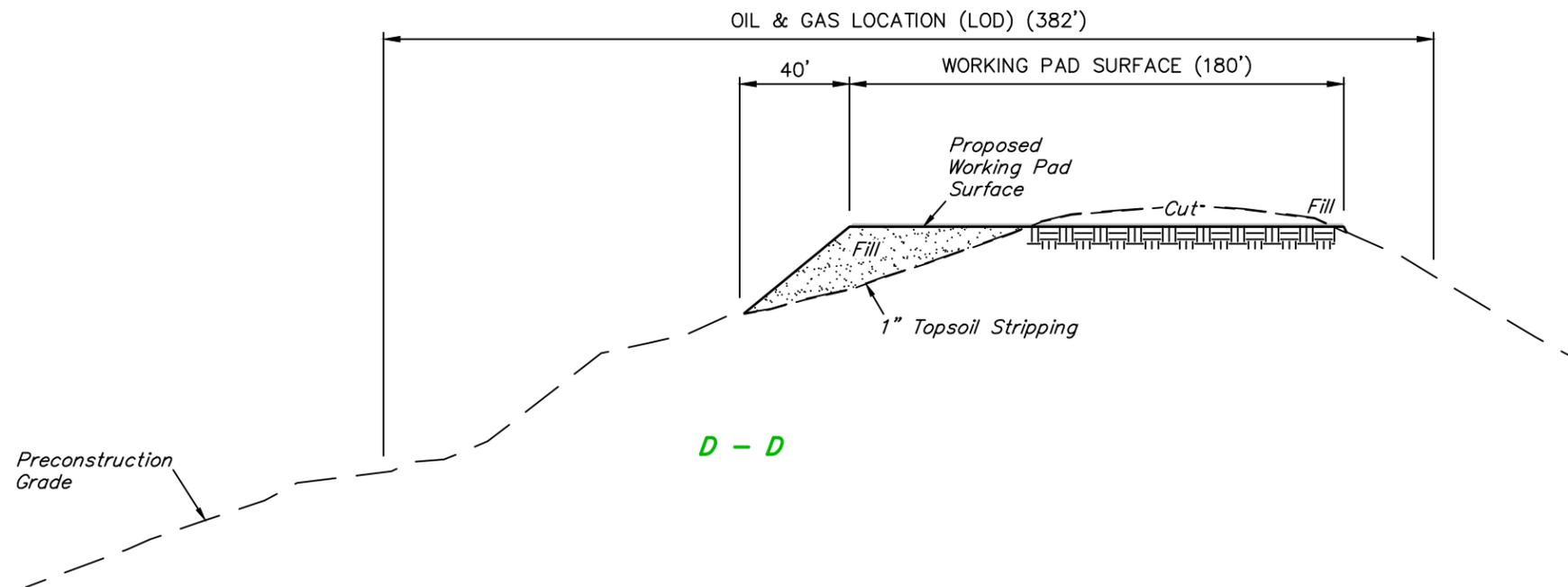
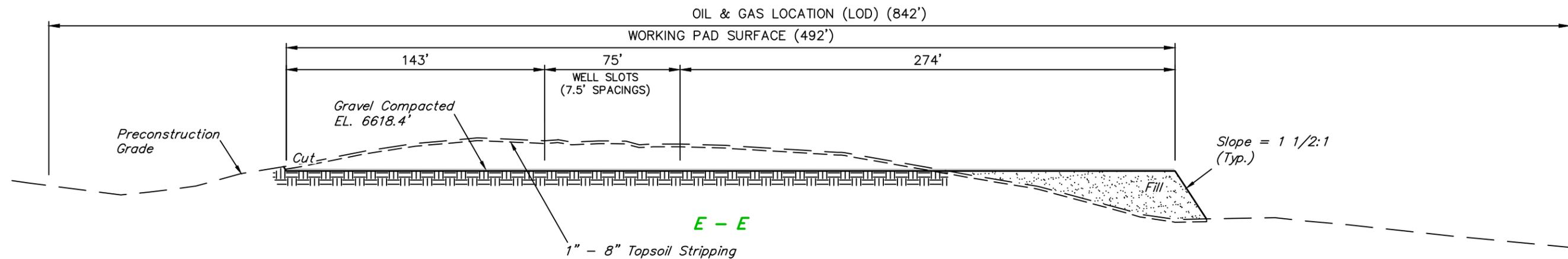
SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	AS SHOWN

**CONSTRUCTION LAYOUT CROSS SECTIONS**



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

1" = 20'  
 X-Section Scale  
 1" = 60'



Sheet 2 of 2

REV: 7 04-05-22 M.D. (TOPSOIL CHANGE & UPDATE ACRES)

**NOTES:**

- Fill quantity includes 10% for compaction.
- Calculations based on 6" of topsoil stripping.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

**NOTE:**

Compacted Volume of Approximately 1750 Cu. Yds. 4" aggregate base pad surfacing material is to be Applied to Entire Pad Footprint.

**TEP Rocky Mountain LLC**

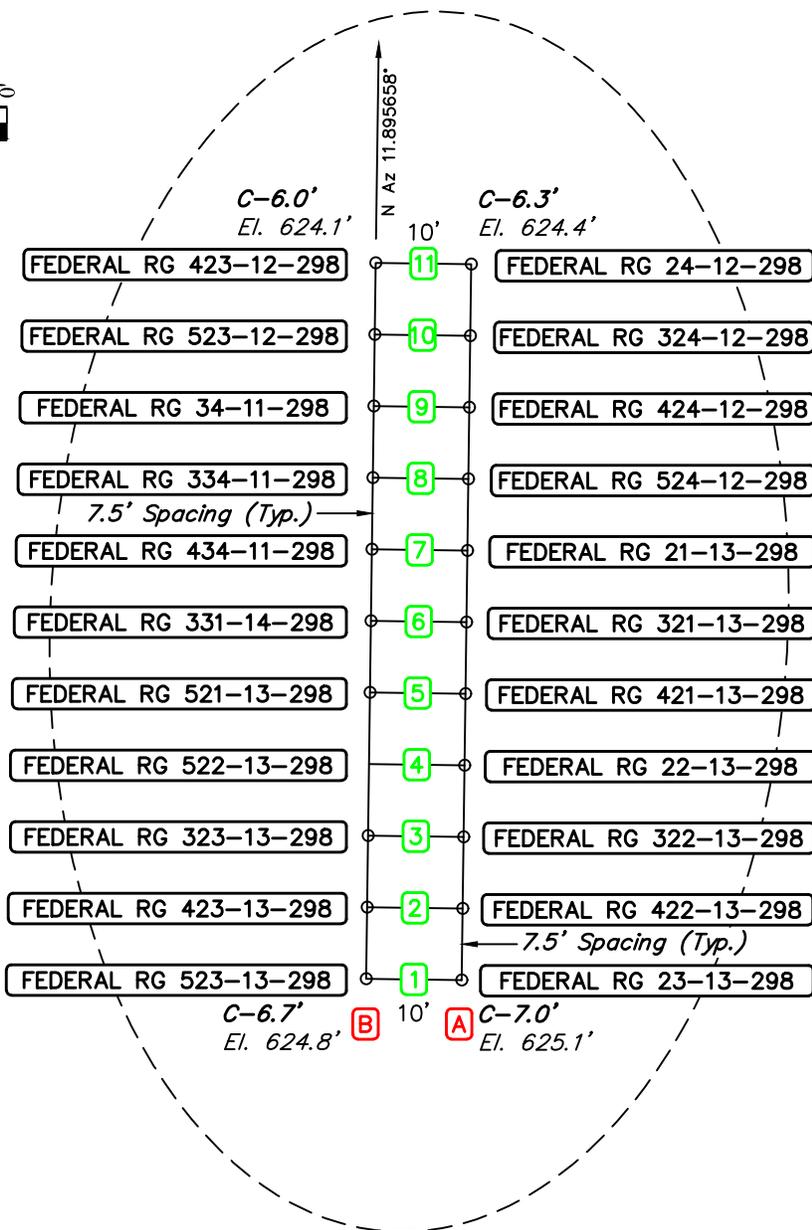
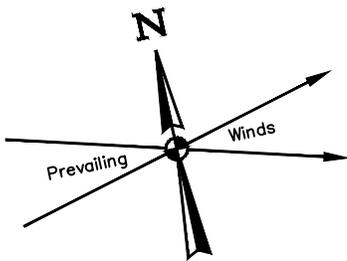
**FEDERAL RG 11-13-298 PAD  
 LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
 RIO BLANCO COUNTY, COLORADO**

SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	AS SHOWN

**CONSTRUCTION LAYOUT CROSS SECTIONS**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



REV: 3 10-28-21 D.R.B. (PAD NAME CHANGE)

**TEP Rocky Mountain LLC**

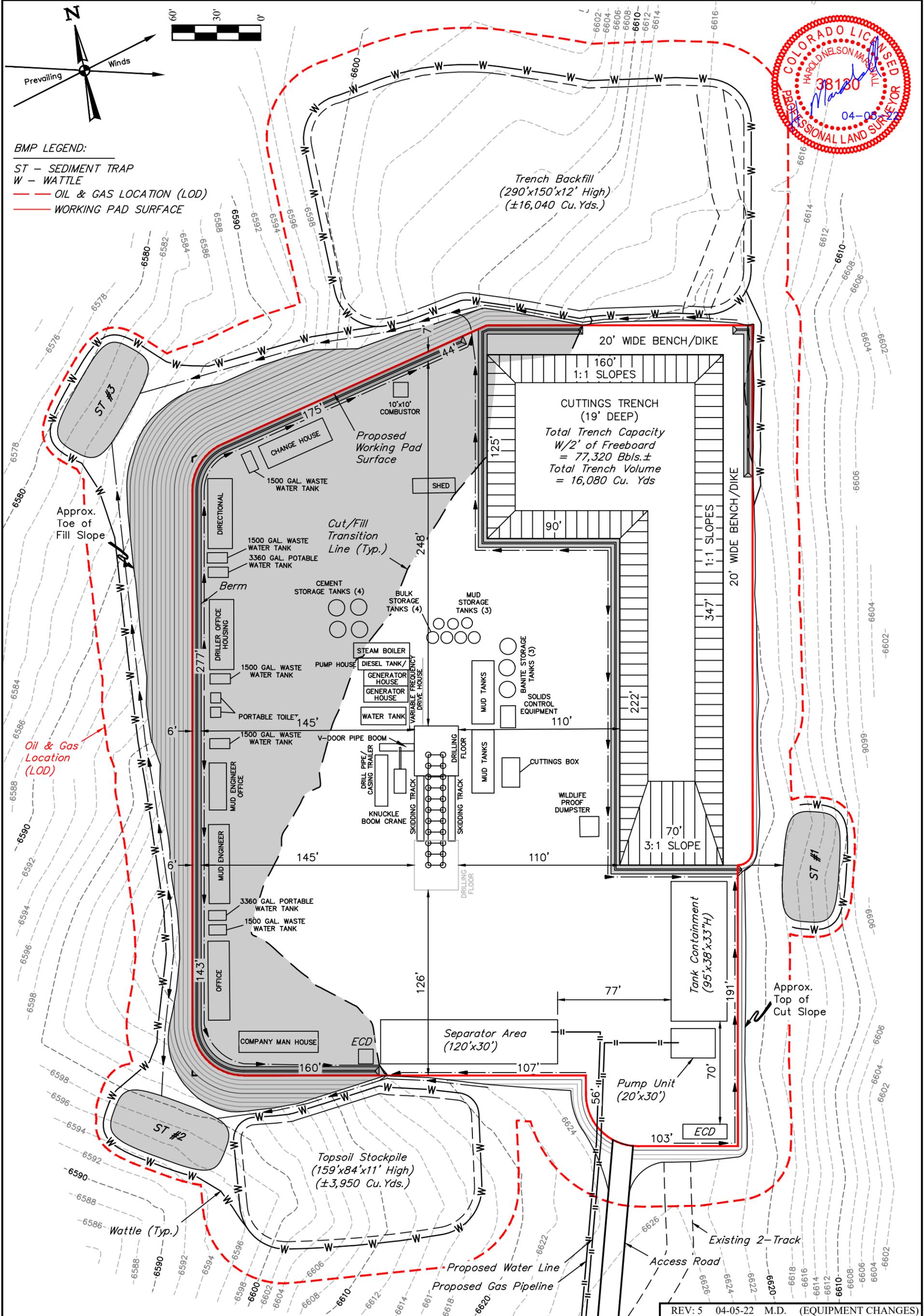
**FEDERAL RG 11-13-298 PAD  
 LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
 RIO BLANCO COUNTY, COLORADO**



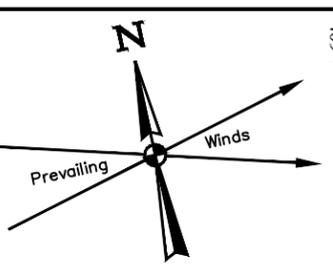
**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	1" = 20'
<b>WELLHEAD DETAIL</b>			





**BMP LEGEND:**  
 ST - SEDIMENT TRAP  
 W - WATTLE  
 --- OIL & GAS LOCATION (LOD)  
 --- WORKING PAD SURFACE



REV: 5 04-05-22 M.D. (EQUIPMENT CHANGES)

- NOTES:**
- Combustor is to be located a min. of 100' from the wellhead.
  - Contours shown at 2' intervals.

**TEP Rocky Mountain LLC**

**FEDERAL RG 11-13-298 PAD  
 LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
 RIO BLANCO COUNTY, COLORADO**

SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	09-20-21	1" = 60'

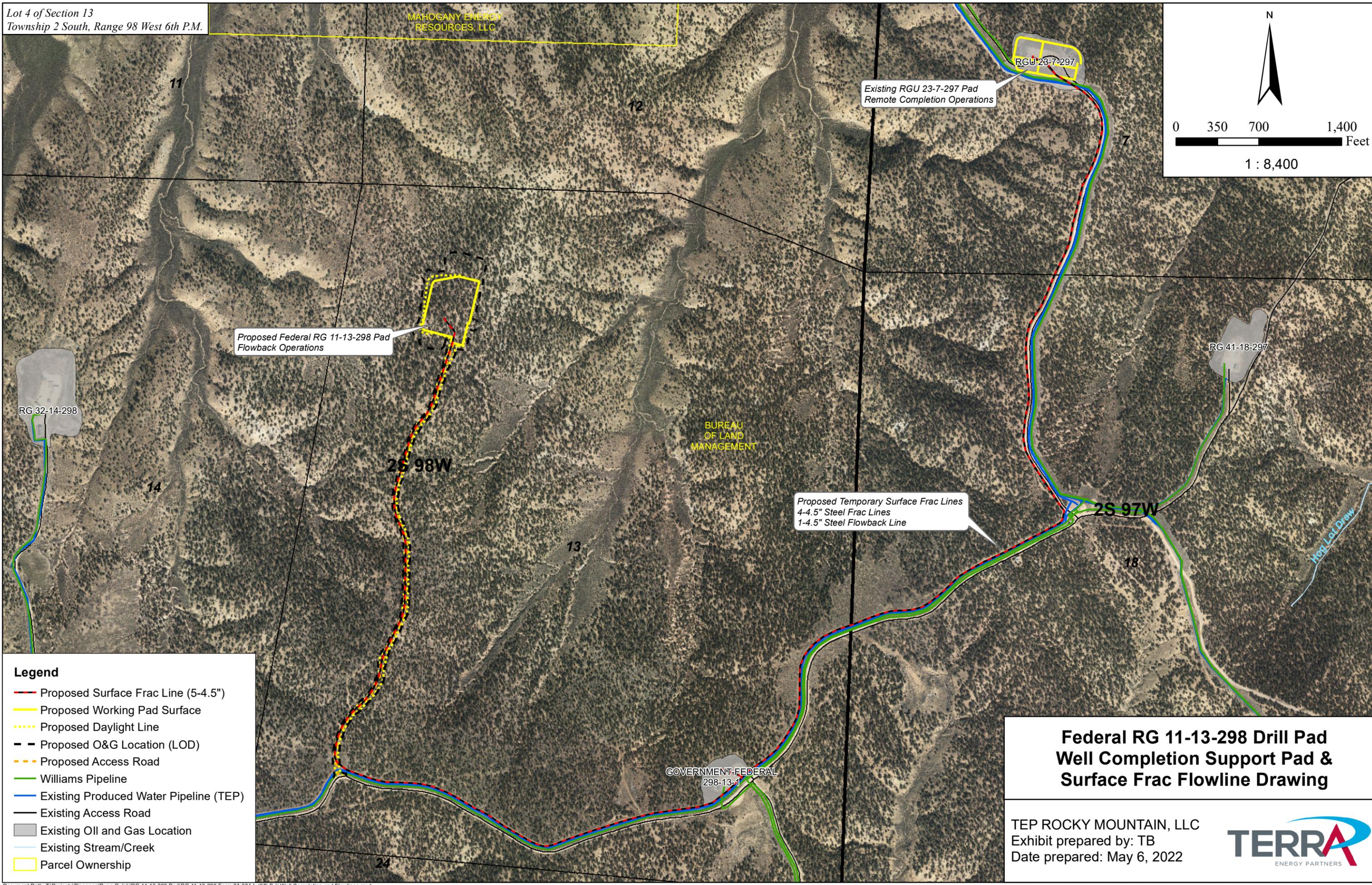
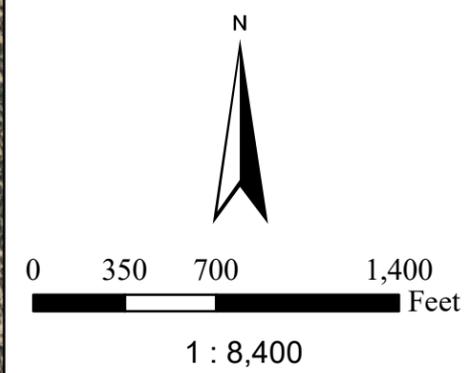
**PRELIMINARY RIG LAYOUT**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

Lot 4 of Section 13  
Township 2 South, Range 98 West 6th P.M.

MAHOGANY ENERGY  
RESOURCES, LLC



Proposed Federal RG 11-13-298 Pad  
Flowback Operations

Existing RGU 23-7-297 Pad  
Remote Completion Operations

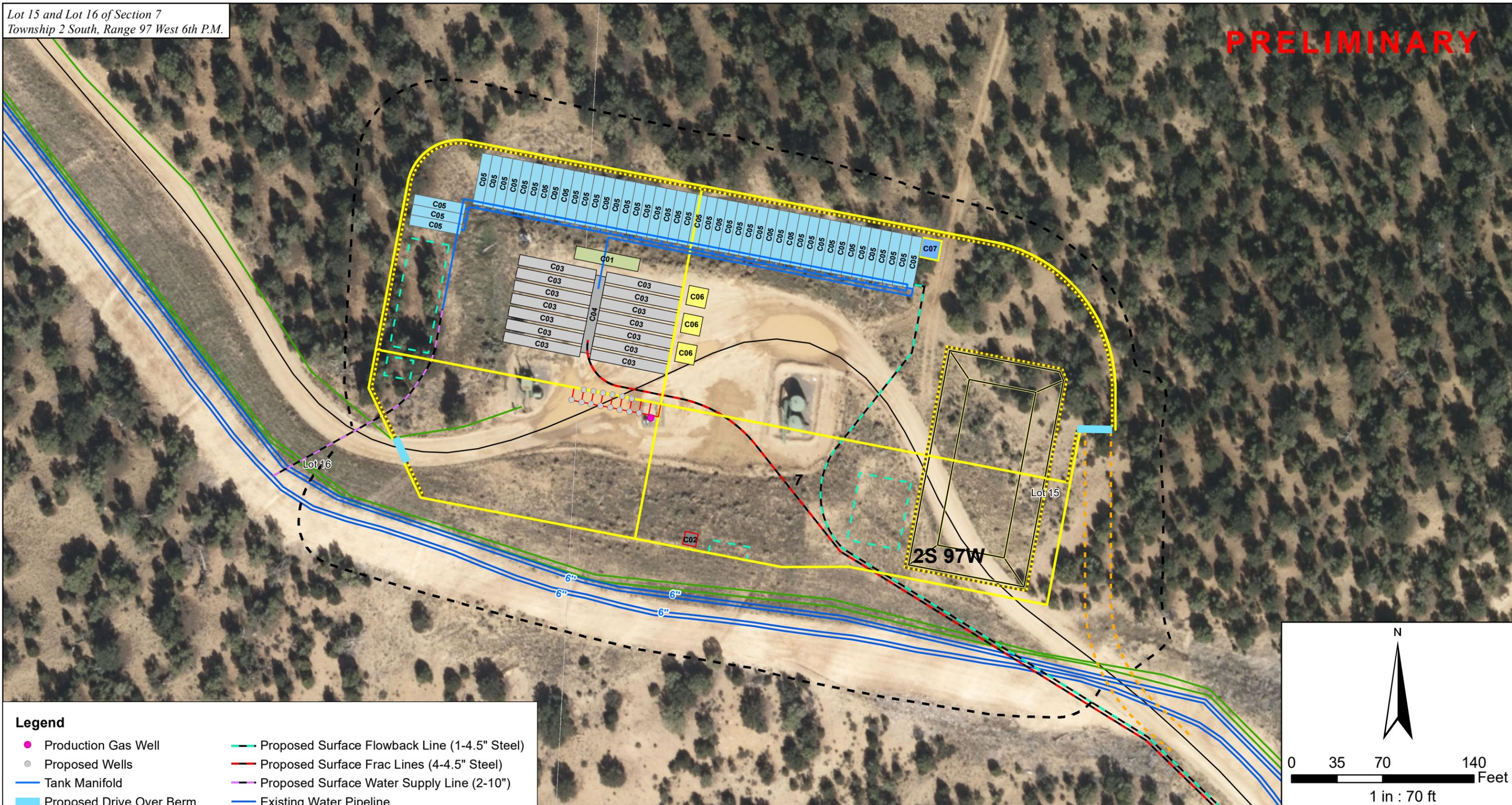
Proposed Temporary Surface Frac Lines  
4-4.5" Steel Frac Lines  
1-4.5" Steel Flowback Line

- Legend**
- Proposed Surface Frac Line (5-4.5")
  - Proposed Working Pad Surface
  - ... Proposed Daylight Line
  - - Proposed O&G Location (LOD)
  - - Proposed Access Road
  - Williams Pipeline
  - Existing Produced Water Pipeline (TEP)
  - Existing Access Road
  - Existing Oil and Gas Location
  - Existing Stream/Creek
  - Parcel Ownership

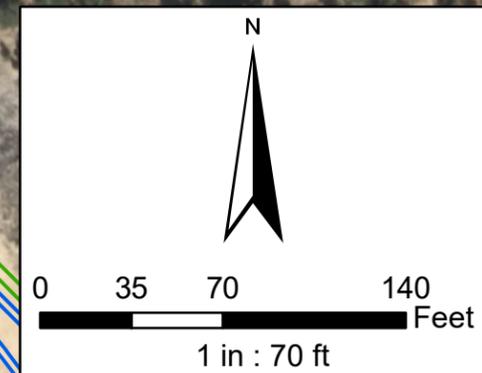
**Federal RG 11-13-298 Drill Pad  
Well Completion Support Pad &  
Surface Frac Flowline Drawing**

TEP ROCKY MOUNTAIN, LLC  
Exhibit prepared by: TB  
Date prepared: May 6, 2022





Legend	
● Production Gas Well	— Proposed Surface Flowback Line (1-4.5" Steel)
● Proposed Wells	— Proposed Surface Frac Lines (4-4.5" Steel)
— Tank Manifold	— Proposed Surface Water Supply Line (2-10")
— Proposed Drive Over Berm	— Existing Water Pipeline
— Proposed Cellar	■ C01 - Blender
— Proposed Working Pad Surface	■ C02 - Flare
— Proposed Cuttings Trench	■ C03 - Frac Pump
— Proposed Pad Berm	■ C04 - Frac Pump Manifold
— Proposed Oil and Gas Location	■ C05 - Frac Tank (500bbl)
— Proposed Production Equipment	■ C06 - Sand Cone
— Proposed Access Road	■ C07 - Water Pump
— Williams Pipeline	



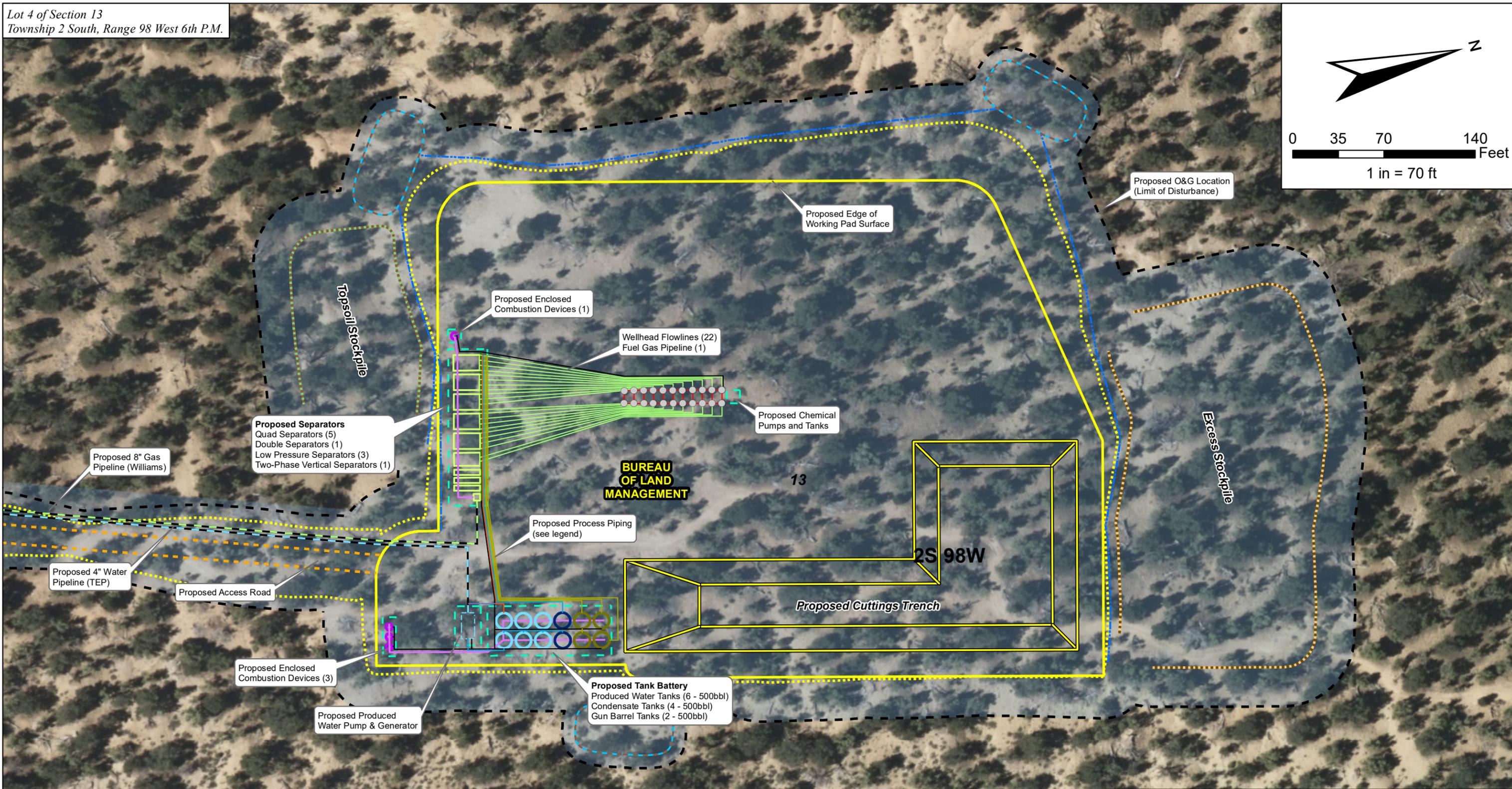
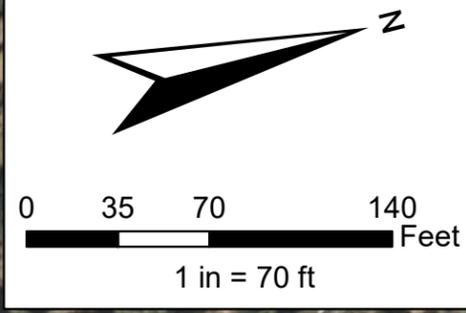
**Federal RG 11-13-298 Pad  
Preliminary Well Completion & Stimulation  
Layout Drawing on RGU 23-7-297 Pad**

- Notes:
- 1) Exhibit depicts the preliminary frac equipment layout on the RGU 23-7-297 Pad (COGCC Loc ID: 316408) supporting remote well completion operations for the proposed wells on the RG 11-13-298 pad.
  - 2) Seventy (46) total frac tanks. Total Capacity 23,000bbls. Working Capacity 20,700bbls.
  - 3) Frac tank will be place within a lined containment structure.
  - 4) Two- and one-half foot (2.5') high perimeter berm will be in place along the fill side of the oil and gas location during completion operations.
  - 5) Equipment used during well completion operations may vary depending on availability at the time of operations.
  - 6) Equipment location may vary depending on site conditions and availability of space on the site during well completions operations.

TEP ROCKY MOUNTAIN, LLC  
Exhibit prepared by: TB  
Date prepared: May 6, 2022







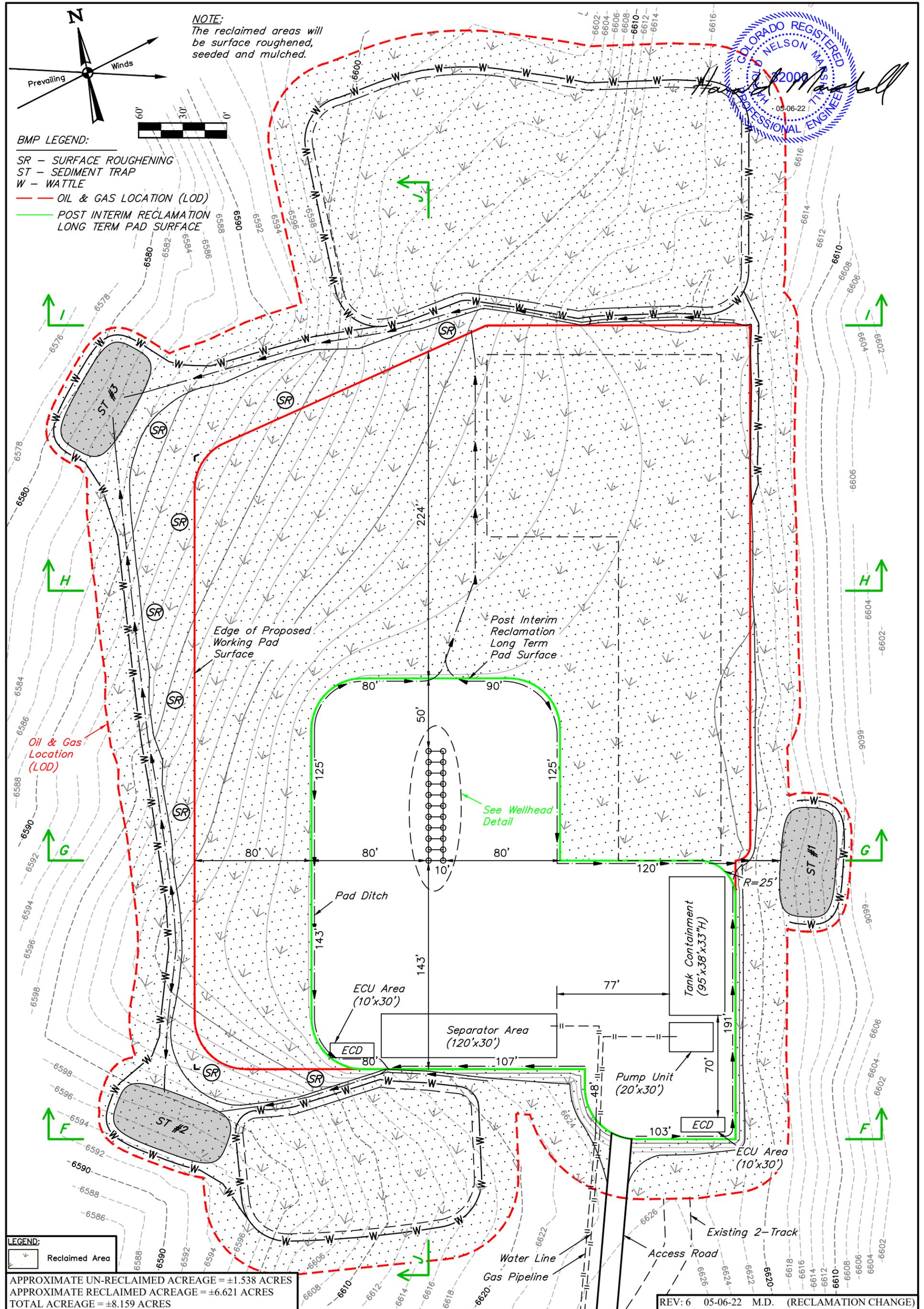
**Legend**

● Proposed Gas Well	— Proposed ECD	— Proposed Process Piping (ECD)	— Proposed Excess Stockpile
— Proposed Gas Pipeline (8")	— Proposed Gas Sales Line	— Proposed Production Equipment	— Proposed Topsoil Stockpile
— Proposed Water Pipeline (6")	— Proposed Wellhead Flowline	— Proposed Cellar	— Proposed Stormwater Control
— Proposed Water Pump/Generator	— Proposed Fuel Gas Line	— Proposed Working Pad Surface	— Proposed Ditch
— Proposed Water Tank	— Proposed Produced Water Dump Line	— Proposed Cuttings Trench	— Proposed Disturbance Area
— Proposed Gun Barrel	— Proposed Condensate Dump Line	— Proposed Daylight Line	— Proposed O&G Location (LOD)
— Proposed Separators	— Proposed Vent Line	— Proposed Access Road	
— Proposed Condensate Tank	— Proposed Blowdown Line		

**Federal RG 11-13-298 Pad  
Oil and Gas Facilities Layout Drawing  
Site Construction**

TEP ROCKY MOUNTAIN, LLC  
Exhibit prepared by: AT  
Date prepared: April 1, 2022





COLORADO REGISTERED  
 T.L.L. NELSON M.A.S.  
 2009  
 05-06-22  
 PROFESSIONAL ENGINEER  
*Harold Marshall*

**TEP Rocky Mountain LLC**

**FEDERAL RG 11-13-298 PAD**  
**LOT 4, SECTION 13, T2S, R98W, 6th P.M.**  
**RIO BLANCO COUNTY, COLORADO**

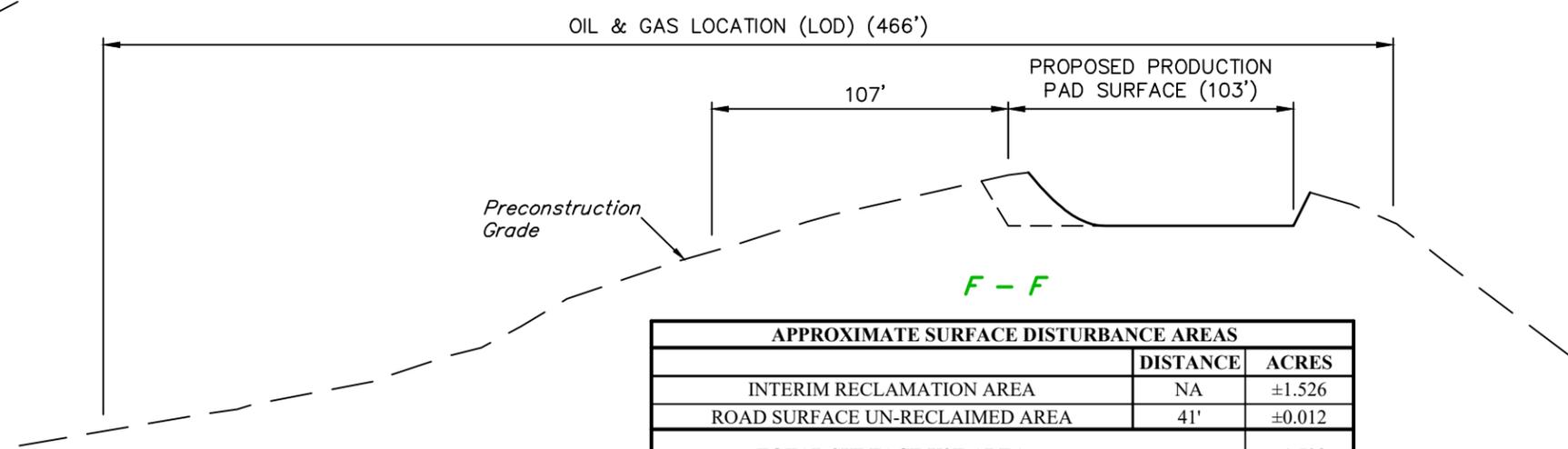
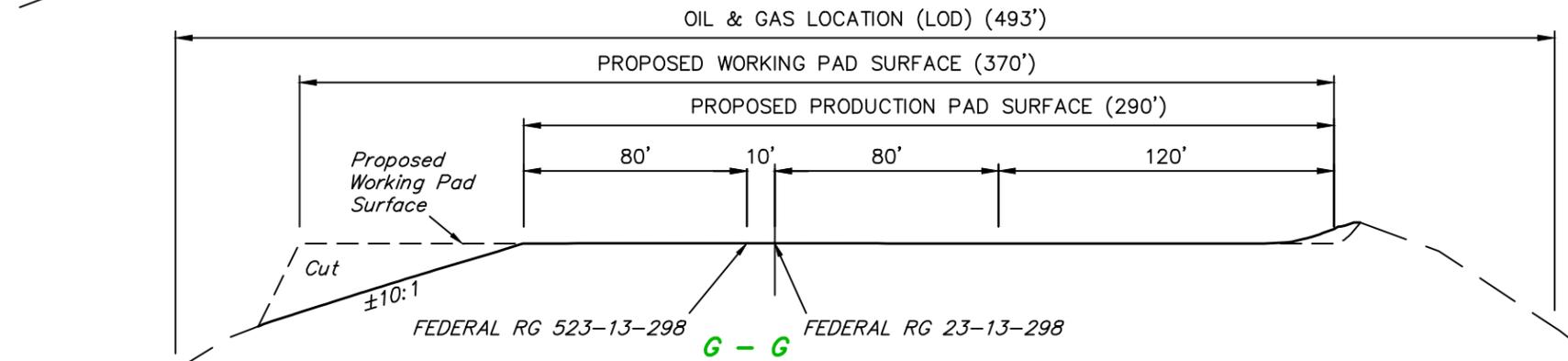
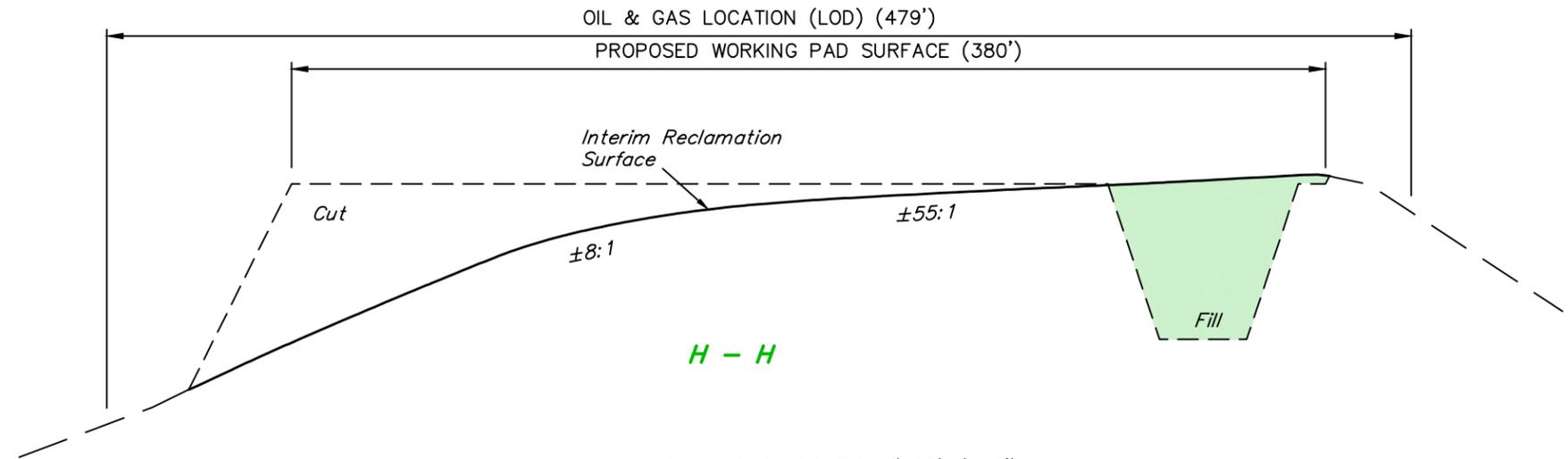
SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	09-20-21	1" = 60'

**INTERIM RECLAMATION LAYOUT-PLAN VIEW**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

1" = 20'  
 X-Section  
 Scale  
 1" = 60'



**NOTE:**  
 Reclaim Slopes Vary as Shown.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
INTERIM RECLAMATION AREA	NA	±1.526
ROAD SURFACE UN-RECLAIMED AREA	41'	±0.012
<b>TOTAL SURFACE USE AREA</b>		<b>±1.538</b>

REV: 5 05-06-22 M.D. (RECLAMATION CHANGE) Sheet 1 of 2



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

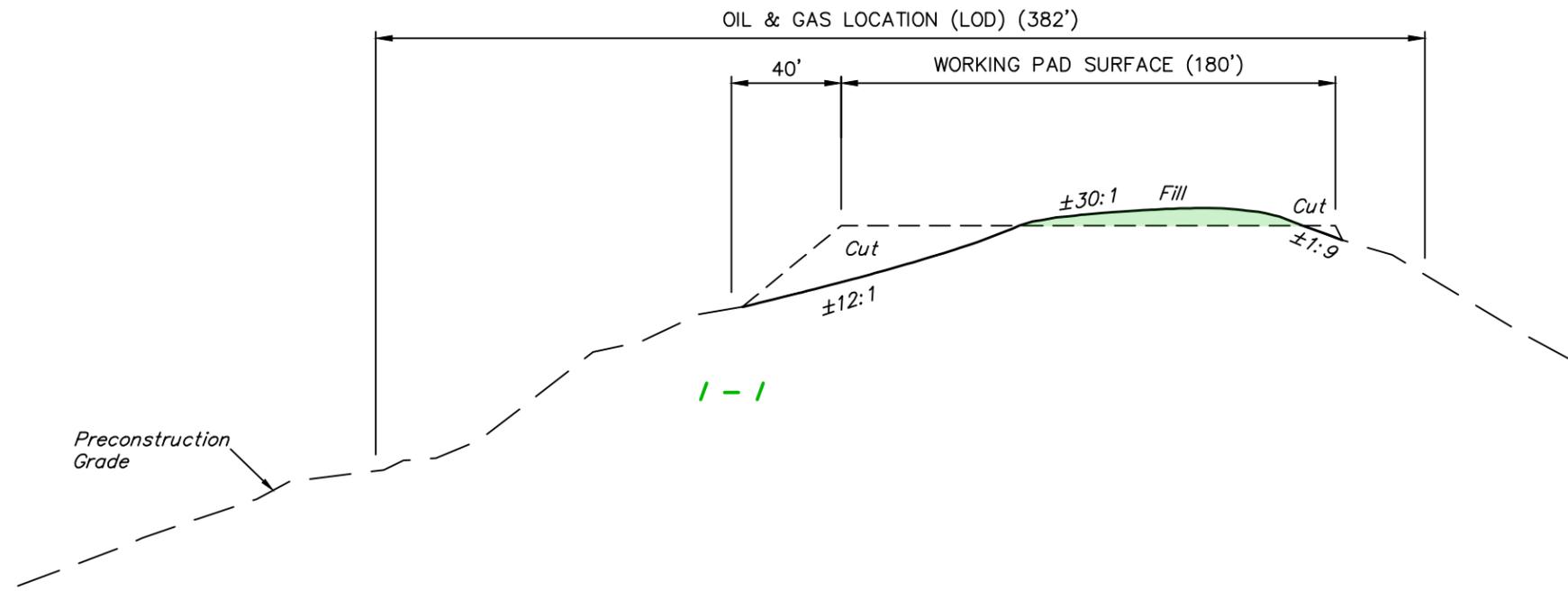
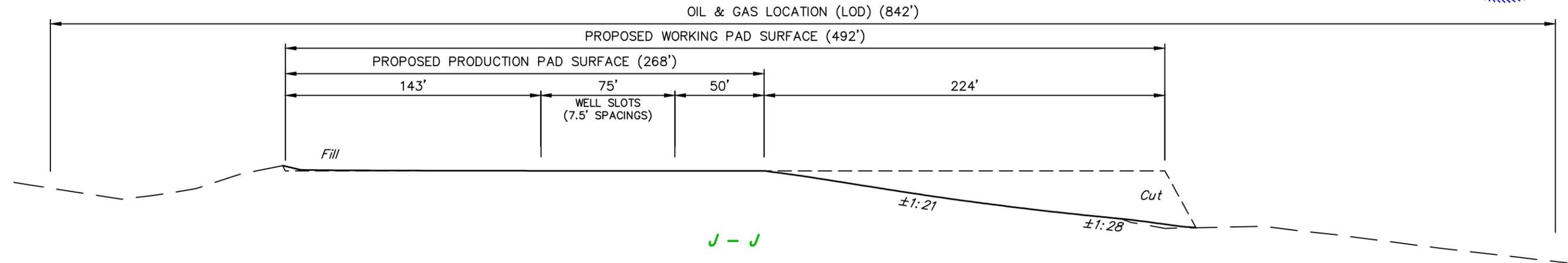
**TEP Rocky Mountain LLC**

**FEDERAL RG 11-13-298 PAD**  
**LOT 4, SECTION 13, T2S, R98W, 6th P.M.**  
**RIO BLANCO COUNTY, COLORADO**

SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	AS SHOWN

**INTERIM RECLAMATION CROSS SECTIONS**

1" = 20'  
 X-Section  
 Scale  
 1" = 60'



**NOTE:**  
 Reclaim Slopes Vary as Shown.

**TEP Rocky Mountain LLC**

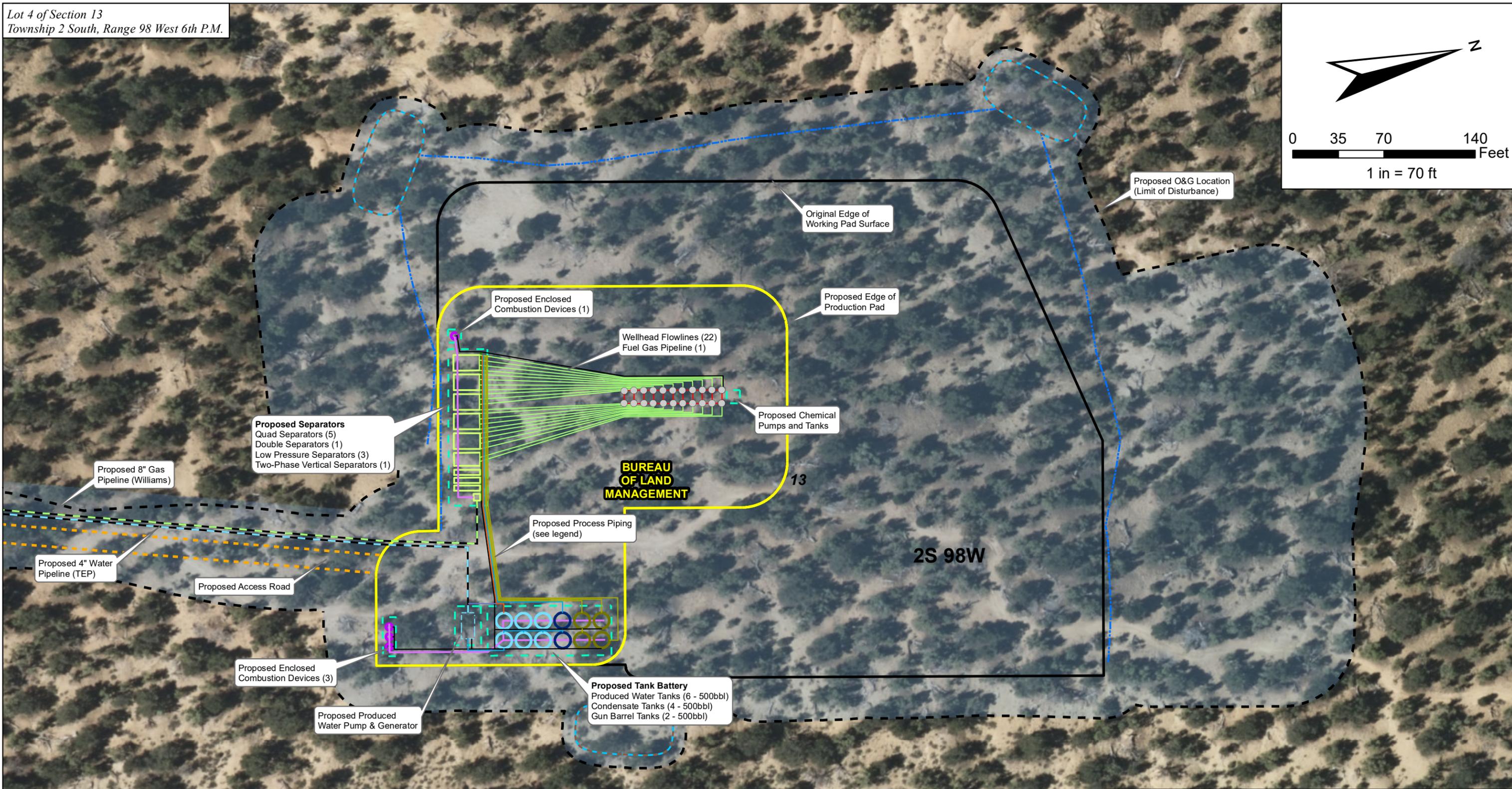
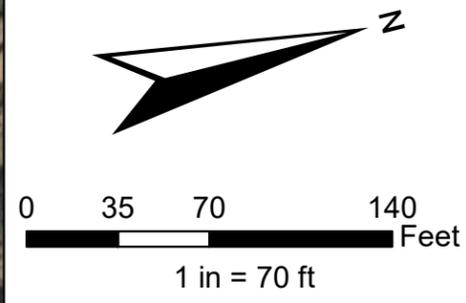
**FEDERAL RG 11-13-298 PAD  
 LOT 4, SECTION 13, T2S, R98W, 6th P.M.  
 RIO BLANCO COUNTY, COLORADO**

SURVEYED BY	BART HUNTING	07-21-21	SCALE
DRAWN BY	T.L.L.	07-23-21	AS SHOWN

**INTERIM RECLAMATION CROSS SECTIONS**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



**Proposed Separators**  
Quad Separators (5)  
Double Separators (1)  
Low Pressure Separators (3)  
Two-Phase Vertical Separators (1)

Proposed Enclosed  
Combustion Devices (1)  
Wellhead Flowlines (22)  
Fuel Gas Pipeline (1)

Proposed Chemical  
Pumps and Tanks

**BUREAU  
OF LAND  
MANAGEMENT**

Proposed Process Piping  
(see legend)

Proposed Access Road

Proposed Enclosed  
Combustion Devices (3)

Proposed Produced  
Water Pump & Generator

**Proposed Tank Battery**  
Produced Water Tanks (6 - 500bbl)  
Condensate Tanks (4 - 500bbl)  
Gun Barrel Tanks (2 - 500bbl)

**Legend**

- |                                 |                                     |                                 |                             |
|---------------------------------|-------------------------------------|---------------------------------|-----------------------------|
| ● Proposed Gas Well             | — Proposed ECD                      | — Proposed Process Piping (ECD) | --- Proposed Ditch          |
| — Proposed Gas Pipeline (8")    | — Proposed Gas Sales Line           | — Proposed Production Equipment | □ Parcel Ownership          |
| — Proposed Water Pipeline (6")  | — Proposed Wellhead Flowline        | — Proposed Cellar               | □ Proposed Disturbance Area |
| — Proposed Water Pump/Generator | — Proposed Fuel Gas Line            | — Original Working Pad Surface  |                             |
| ○ Proposed Water Tank           | — Proposed Produced Water Dump Line | — Proposed Production Pad       |                             |
| — Proposed Gun Barrel           | — Proposed Condensate Dump Line     | — Proposed O&G Location (LOD)   |                             |
| — Proposed Separators           | — Proposed Vent Line                | — Proposed Access Road          |                             |
| — Proposed Condensate Tank      | — Proposed Blowdown Line            | — Proposed Stormwater Control   |                             |

**Federal RG 11-13-298 Pad  
Oil and Gas Facilities Layout Drawing  
Interim Reclamation**

TEP ROCKY MOUNTAIN, LLC  
Exhibit prepared by: AT  
Date prepared: April 1, 2022

