

Prop. Pad Center
N: 1615651.4
E: 2235930.3
Exist. Elev.: 8386.9
Prop. Elev.: 8381.7
Finish Elev.: 8382.1

EXISTING WELL DATA:

WELL	NORTHING	EASTING
Arco Deep 1-27	1615686.5	2235946.8

*Note
1) Design Cut Slope: 1.5:1
Design Fill Slope: 1.5:1

136 East Third Street
Rifle, Colorado 81650
Ph. (970) 625-1330
Fax: (970) 625-2773

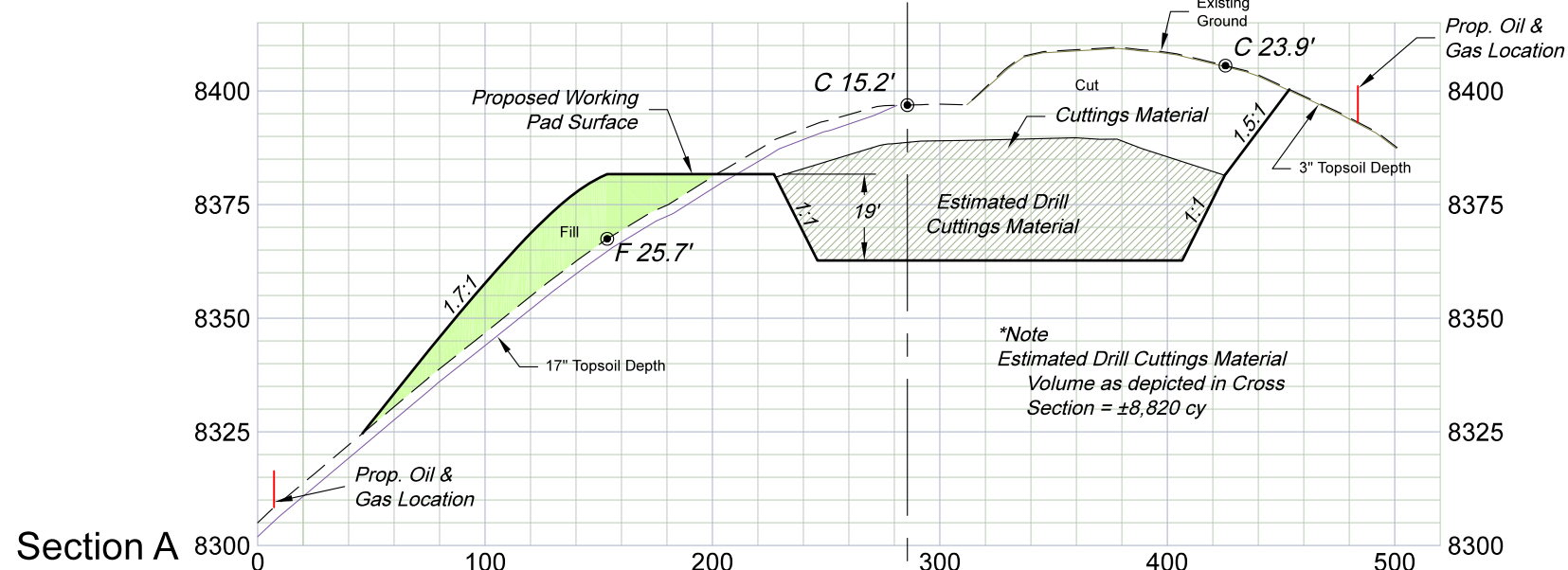
SCALE:	1" = 80'
DATE:	6/11/20
PROJECT:	TEP Trail Ridge
DFT:	cs

REVISED: 8/30/22

Construction Plan Prepared for:

ARCO Deep 1-27 Drill Pad
CONSTRUCTION LAYOUT

Construction



***Notes**

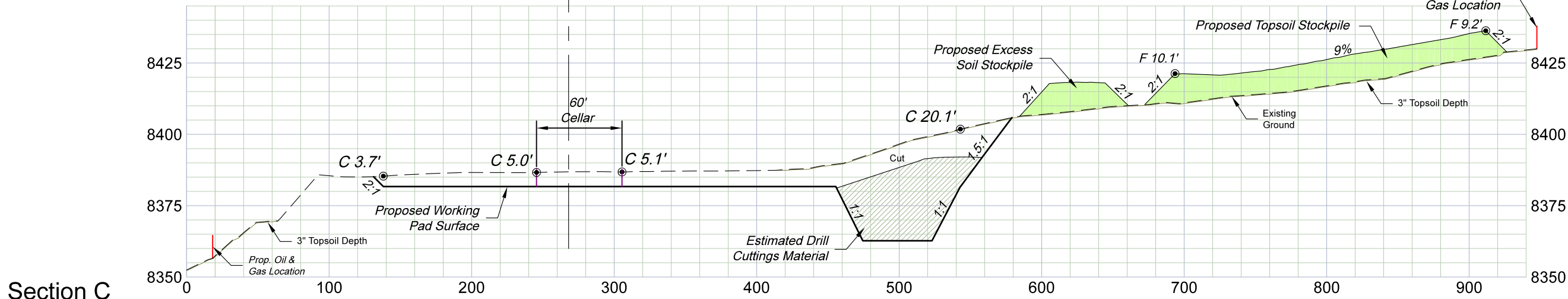
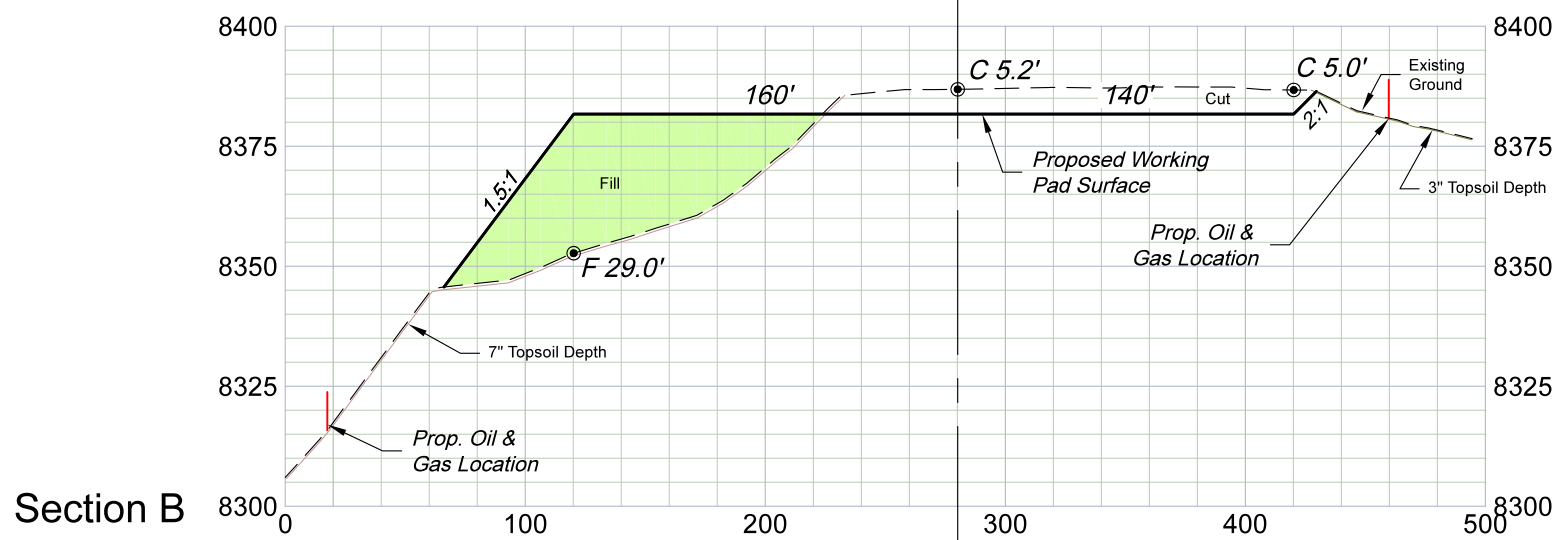
- 1) Design Cut Slope: 1.5:1
Design Fill Slope: 1.5:1
- 2) Topsoil based on 6" Soil Depth.
- 3) 20% Swell Factor Applied to Earthwork Cut Volume.
- 4) Access Road Earthwork Volumes Included in Table.
- 5) Pad Surface Completion:
Compacted Volume of Approximately ±1430 cy
4" Aggregate Base Pad Surfacing Material is to be Applied to Entire Pad Footprint.

DISTURBANCE AREAS

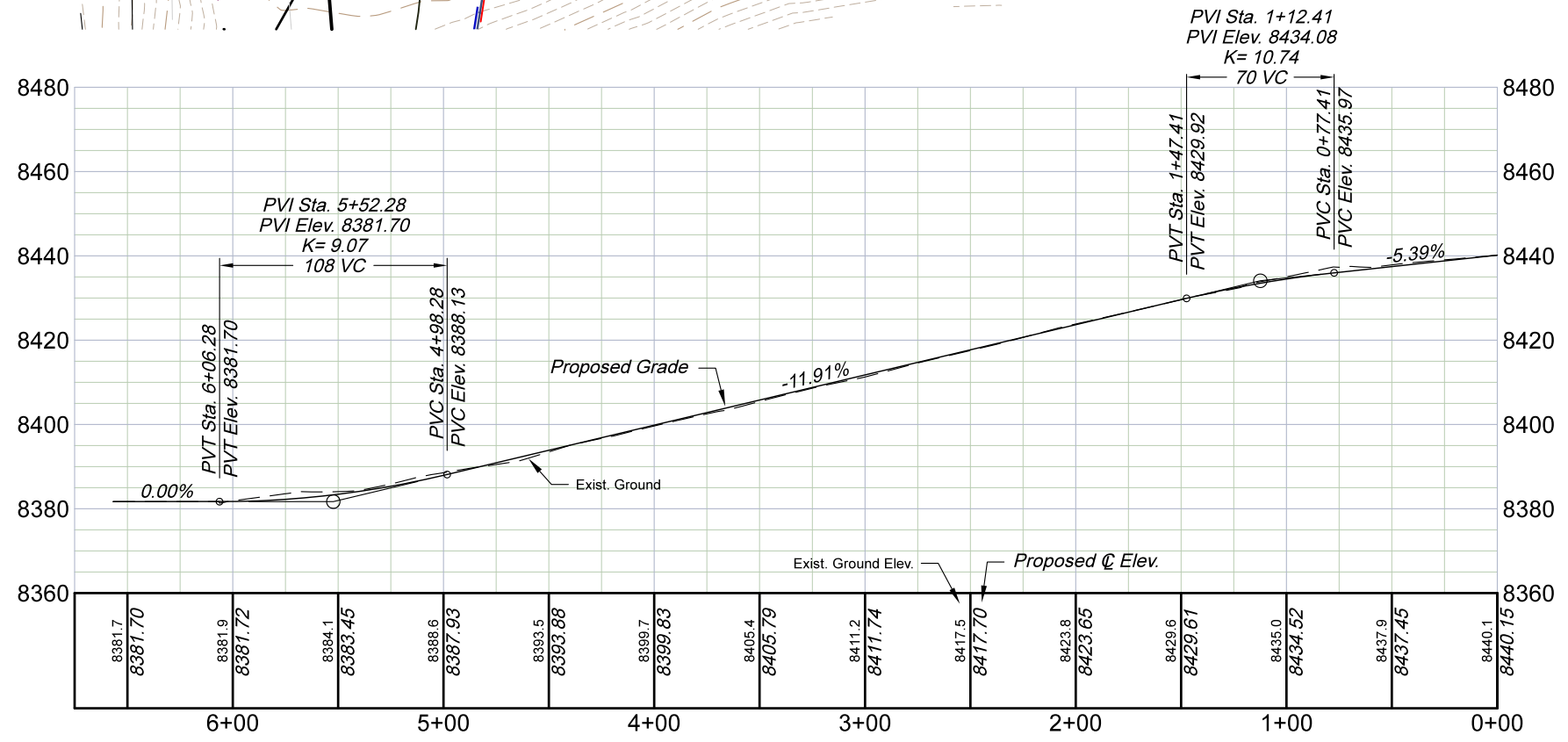
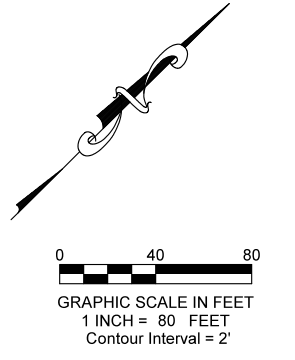
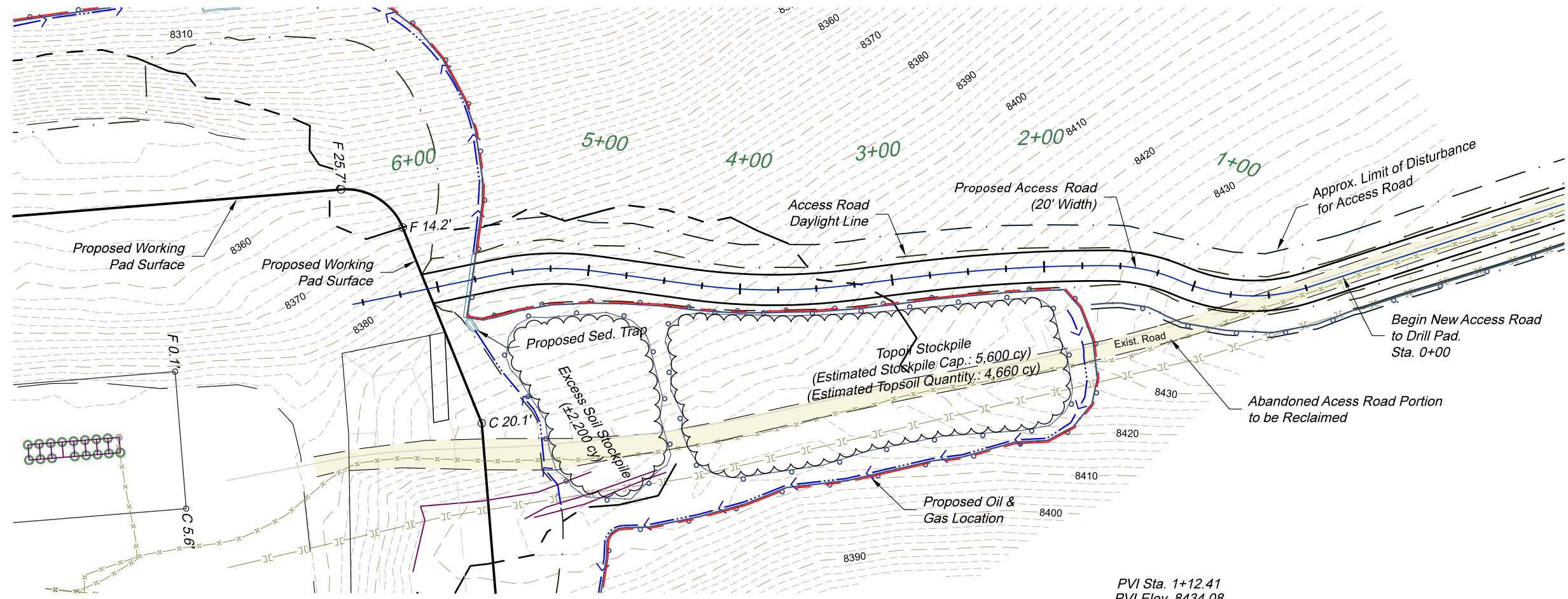
Total OGDG Disturbance:	±16.865 ac
Oil and Gas Location:	±6.451 ac
Working Pad Surface Area:	±2.64 ac
Access Road:	±4.336 ac
Pipeline/Utility Corridors:	±6.078 ac

ESTIMATED EARTHWORK QUANTITIES (cy)

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	33,990	38,000	4,350	-8,360
PIT	10,590			10,590
ROAD	560	280	310	-30
TOTALS	45,140	38,280	4,660	2,200



Section 27
T. 6 S., R. 97 W.



*Road Construction Notes
 1) Design Cut Slope: 1.5:1
 Design Fill Slope: 1.5:1
 2) Topsoil based on 6" Soil Depth.
 3) 20% Swell Factor Applied to Earthwork Cut Volume.

ESTIMATED EARTHWORK QUANTITIES (cy)

ITEM	CUT	FILL	TOPSOIL	EXCESS
ROAD	560	280	310	-30

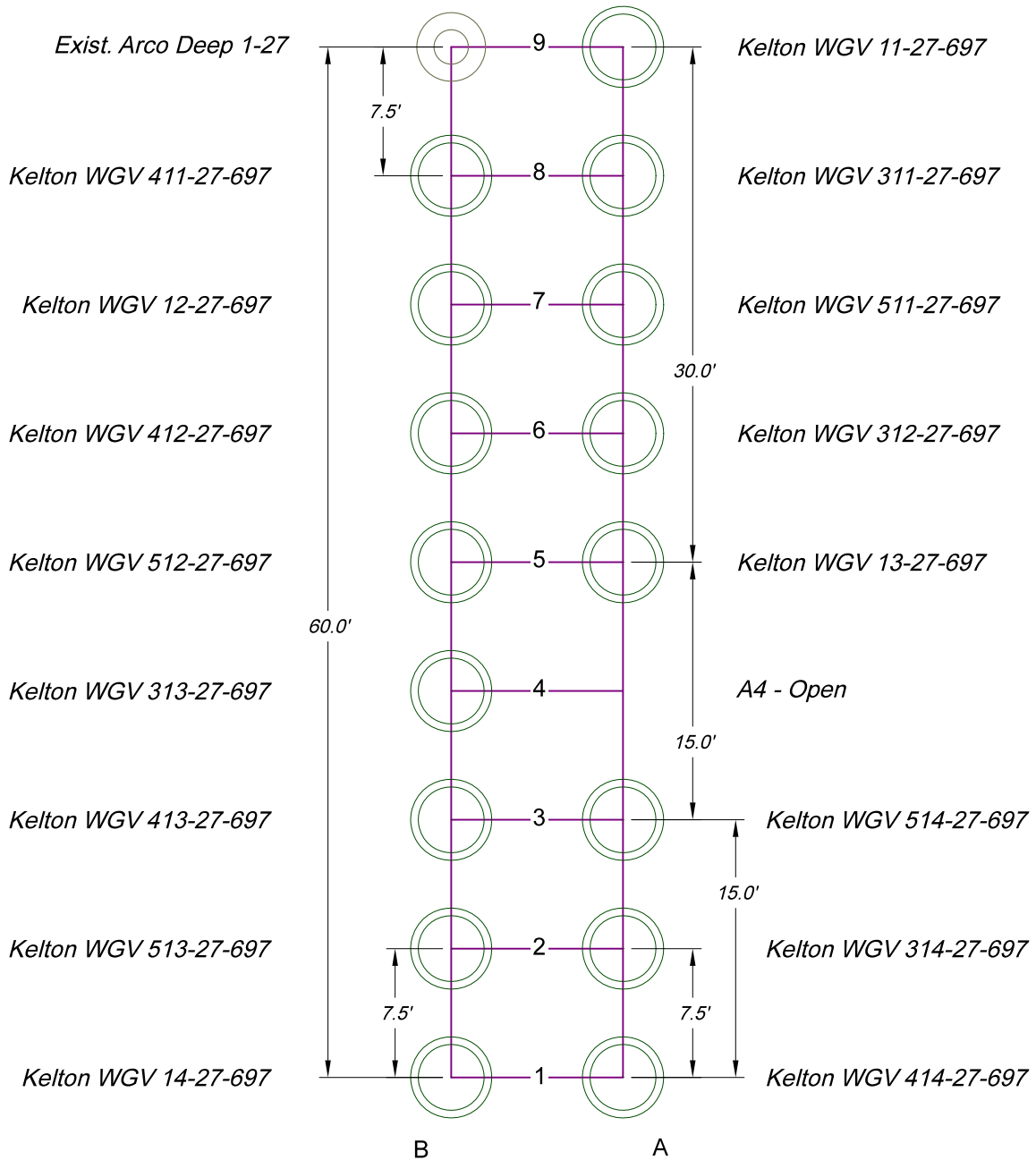
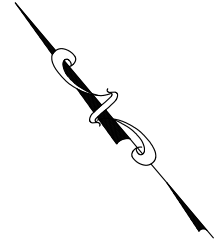
136 East Third Street
 Rifle, Colorado 81650
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 Fax: (970) 625-2773

SCALE:	As Noted
DATE:	6/11/20
PROJECT:	TEP Trail Ridge
DFT:	cs

SCALE: Horiz. 1" = 80'
 Vert. : 1" = 40'

REVISED: 8/30/22

Construction Plan Prepared for:
 TEP Rocky Mountain LLC
 ARCO Deep 1-27 Drill Pad
 PROPOSED ROAD PLAN & PROFILE



REVISED: 8/15/20

SCALE: N.T.S.
 DATE: 6/28/22
 PROJECT: TEP Tral Ridge
 DFT: cs

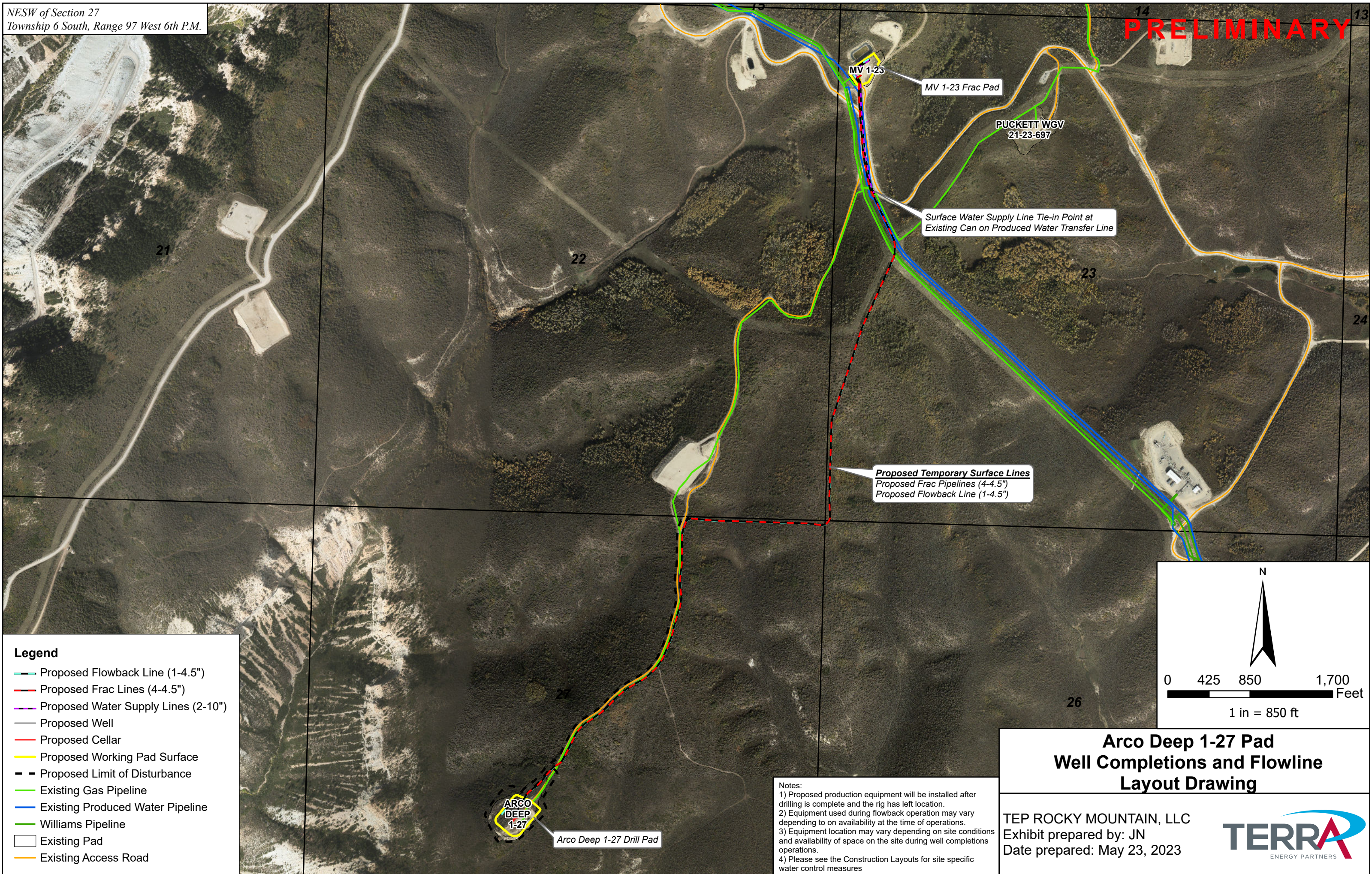
Construction Plan Prepared for:

TERRA TEP Rocky Mountain LLC

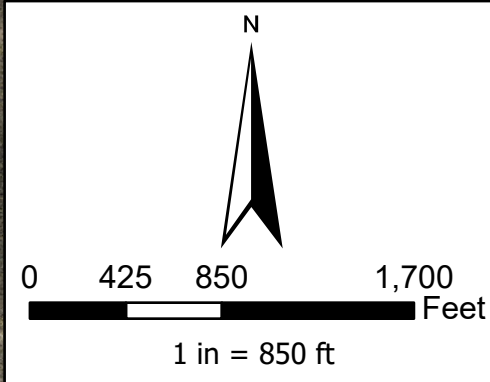
Arco Deep 1-27 Drill Pad
WELLHEAD DETAIL



PRELIMINARY



- Legend**
- Proposed Flowback Line (1-4.5")
 - Proposed Frac Lines (4-4.5")
 - Proposed Water Supply Lines (2-10")
 - Proposed Well
 - Proposed Cellar
 - Proposed Working Pad Surface
 - - Proposed Limit of Disturbance
 - Existing Gas Pipeline
 - Existing Produced Water Pipeline
 - Williams Pipeline
 - Existing Pad
 - Existing Access Road



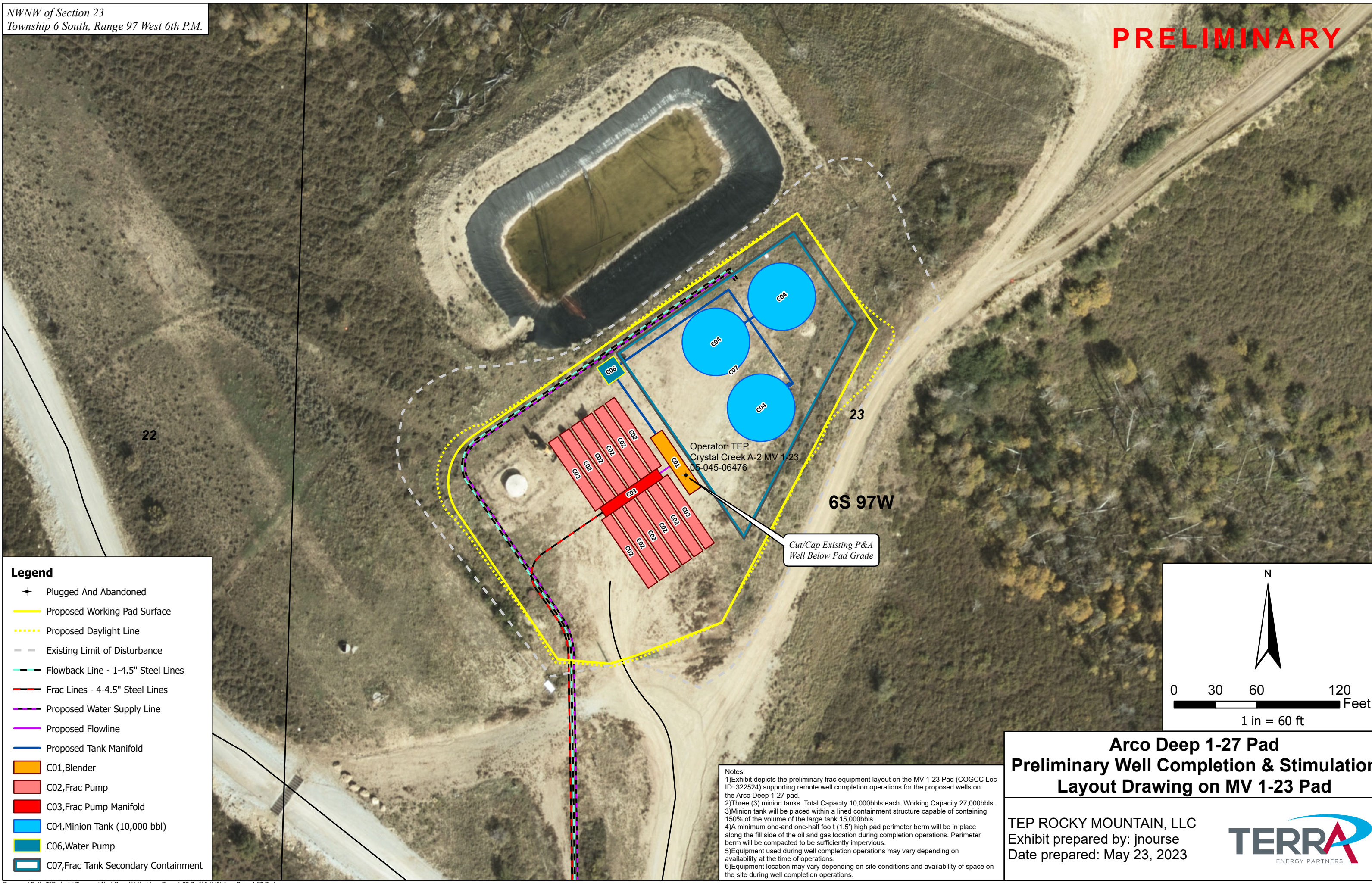
**Arco Deep 1-27 Pad
Well Completions and Flowline
Layout Drawing**

TEP ROCKY MOUNTAIN, LLC
Exhibit prepared by: JN
Date prepared: May 23, 2023



- Notes:
- 1) Proposed production equipment will be installed after drilling is complete and the rig has left location.
 - 2) Equipment used during flowback operation may vary depending on availability at the time of operations.
 - 3) Equipment location may vary depending on site conditions and availability of space on the site during well completions operations.
 - 4) Please see the Construction Layouts for site specific water control measures

PRELIMINARY

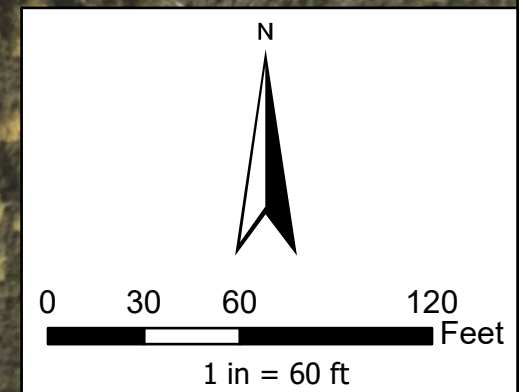


Legend

- ✦ Plugged And Abandoned
- Proposed Working Pad Surface
- ⋯ Proposed Daylight Line
- - Existing Limit of Disturbance
- - Flowback Line - 1-4.5" Steel Lines
- - Frac Lines - 4-4.5" Steel Lines
- - Proposed Water Supply Line
- - Proposed Flowline
- - Proposed Tank Manifold
- C01,Blender
- C02,Frac Pump
- C03,Frac Pump Manifold
- C04,Minion Tank (10,000 bbl)
- C06,Water Pump
- C07,Frac Tank Secondary Containment

Cut/Cap Existing P&A Well Below Pad Grade

Operator: TEP
Crystal Creek A-2 MV 1-23
05-045-06476



Notes:
1)Exhibit depicts the preliminary frac equipment layout on the MV 1-23 Pad (COGCC Loc ID: 322524) supporting remote well completion operations for the proposed wells on the Arco Deep 1-27 pad.
2)Three (3) minion tanks. Total Capacity 10,000bbls each. Working Capacity 27,000bbls.
3)Minion tank will be placed within a lined containment structure capable of containing 150% of the volume of the large tank 15,000bbls.
4)A minimum one-and one-half foot (1.5') high pad perimeter berm will be in place along the fill side of the oil and gas location during completion operations. Perimeter berm will be compacted to be sufficiently impervious.
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 completion operations.

**Arco Deep 1-27 Pad
Preliminary Well Completion & Stimulation
Layout Drawing on MV 1-23 Pad**

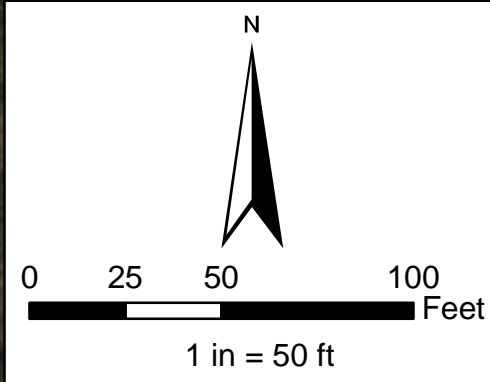
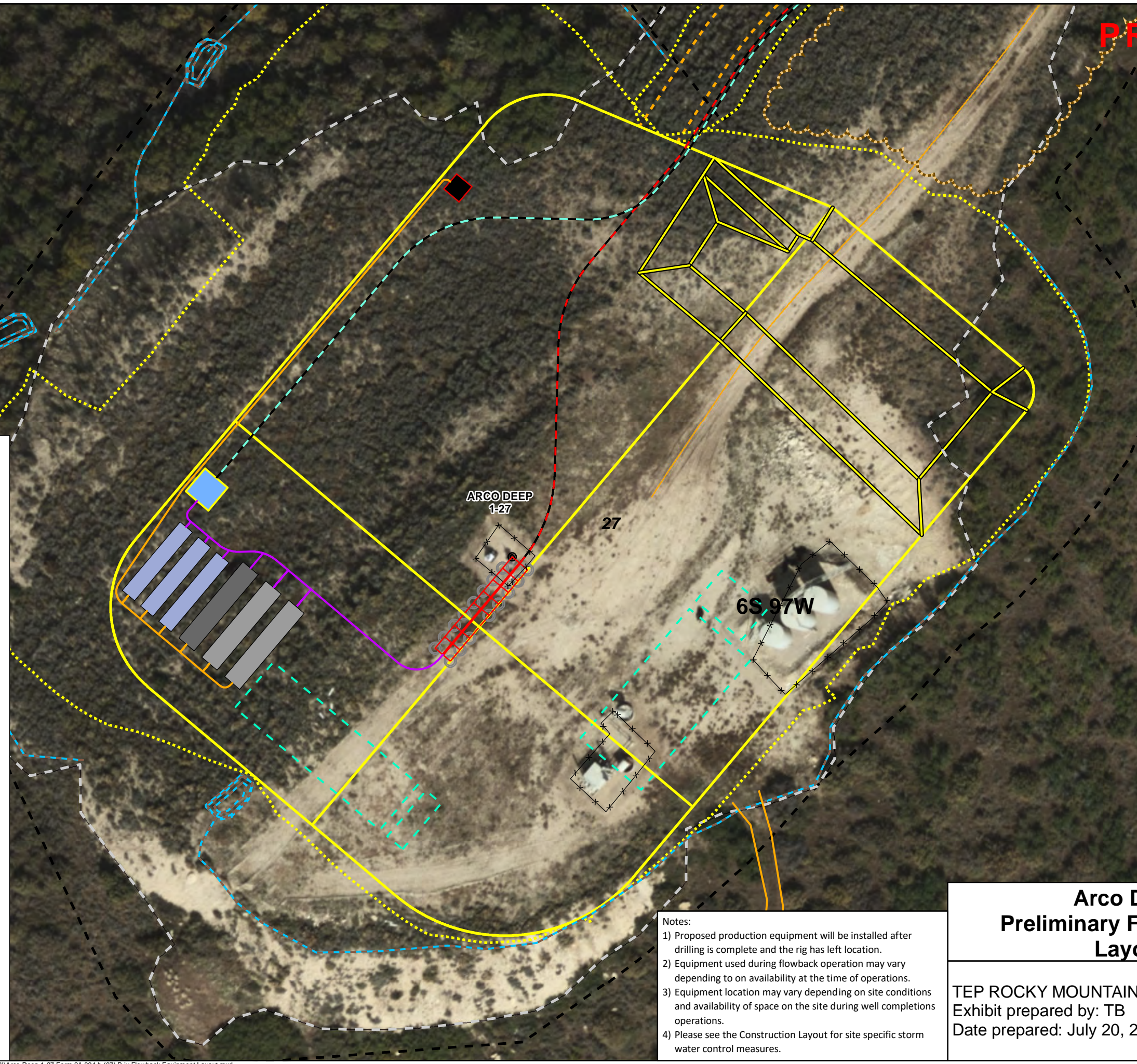
TEP ROCKY MOUNTAIN, LLC
Exhibit prepared by: jnourse
Date prepared: May 23, 2023



PRELIMINARY

Legend

- Flowback Line - 1-4.5" Steel Lines
- Frac Lines - 4-4.5" Steel Lines
- Proposed Flare Line
- Proposed Flowline
- Proposed Wellhead Manifold
- C02 - Flare
- FB01 - HP 4-Phase Separator
- FB02 - LP P-Tank
- FB03 - Produced Water Tank
- FB04 - Water Pump
- Existing Well
- Proposed Well
- Proposed Cellar
- Proposed Working Pad Surface
- Proposed Cuttings Trench
- - - Proposed Production Equipment
- ⋯ Proposed Daylight Line
- - - Proposed Limit of Disturbance
- Existing Road
- - - Proposed Road
- ⋯ Proposed Excess Stockpile
- x—x Existing Fence
- - - Existing Limit of Disturbance
- - - Stormwater Controls
- Existing Pad
- Lease Road
- Township
- Section



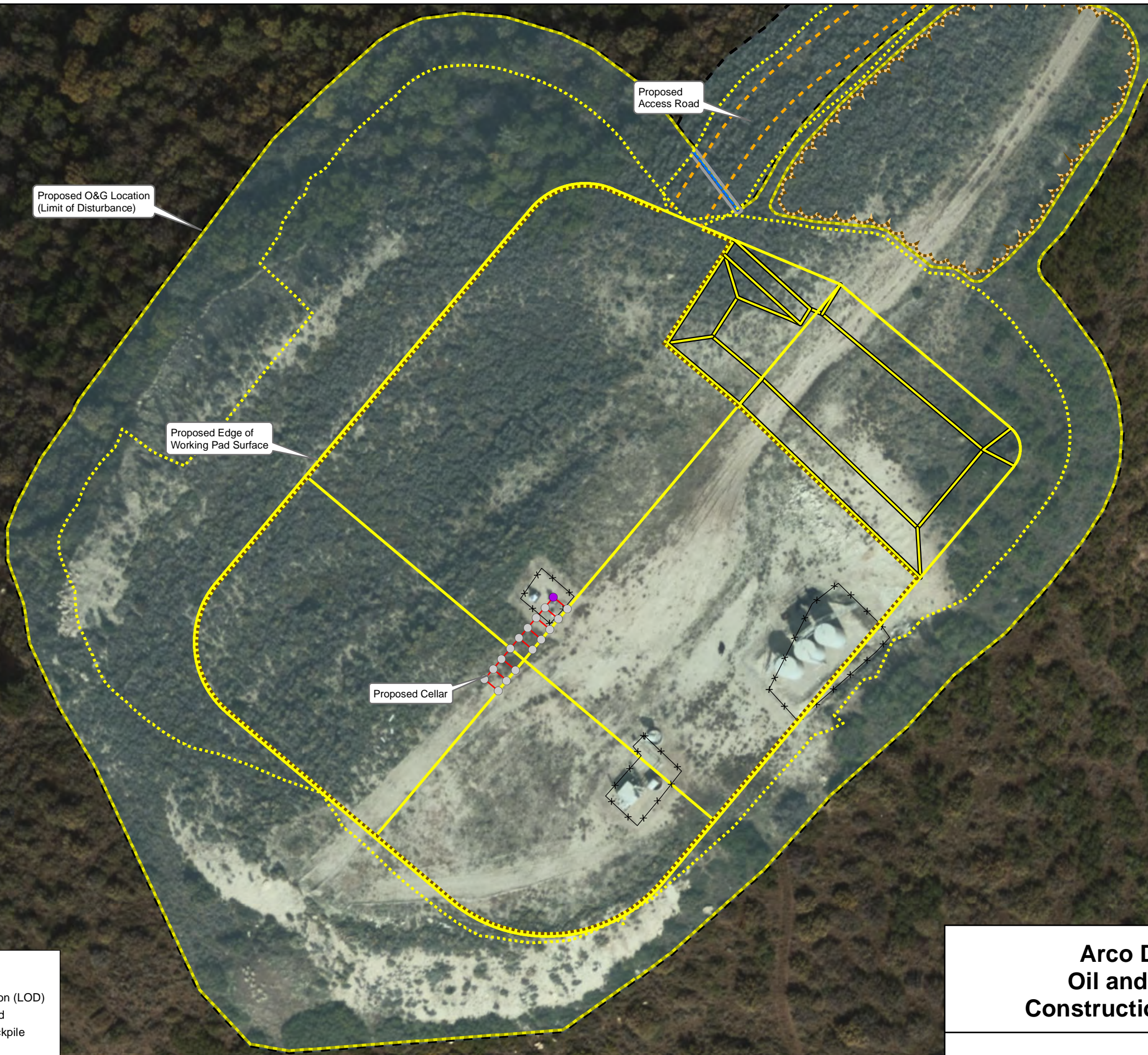
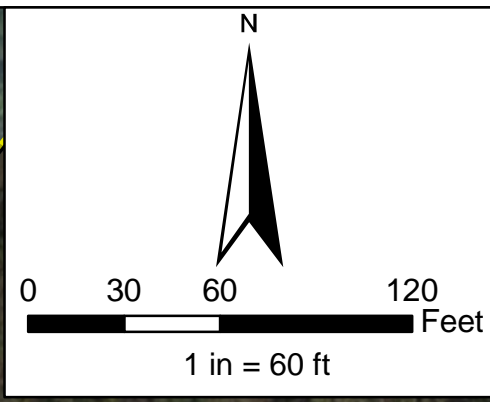
Notes:

- 1) Proposed production equipment will be installed after drilling is complete and the rig has left location.
- 2) Equipment used during flowback operation may vary depending to on availability at the time of operations.
- 3) Equipment location may vary depending on site conditions and availability of space on the site during well completions operations.
- 4) Please see the Construction Layout for site specific storm water control measures.

**Arco Deep 1-27 Pad
Preliminary Flowback Equipment
Layout Drawing**

TEP ROCKY MOUNTAIN, LLC
Exhibit prepared by: TB
Date prepared: July 20, 2022





Proposed O&G Location
 (Limit of Disturbance)

Proposed
 Access Road

Proposed Edge of
 Working Pad Surface

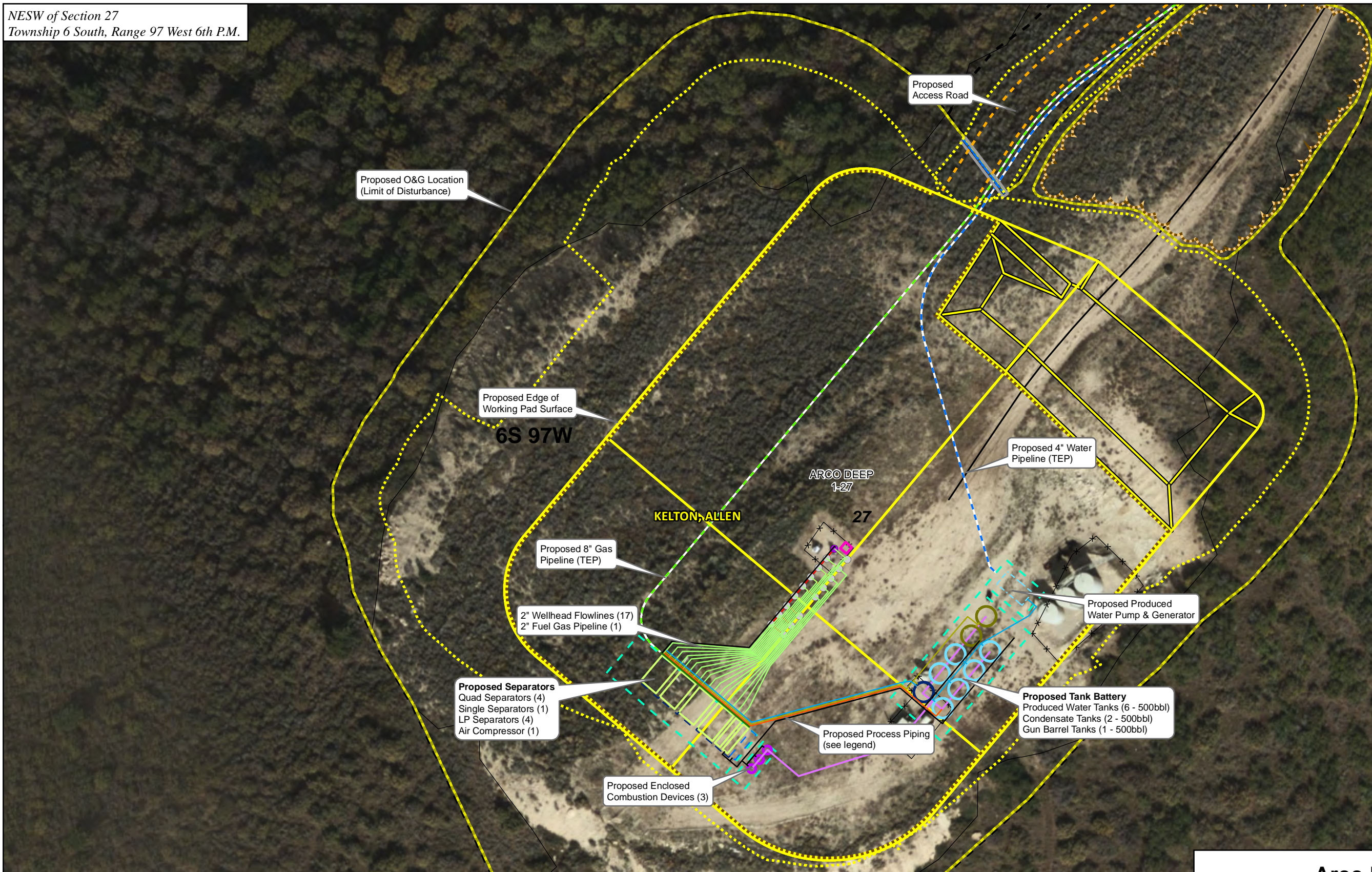
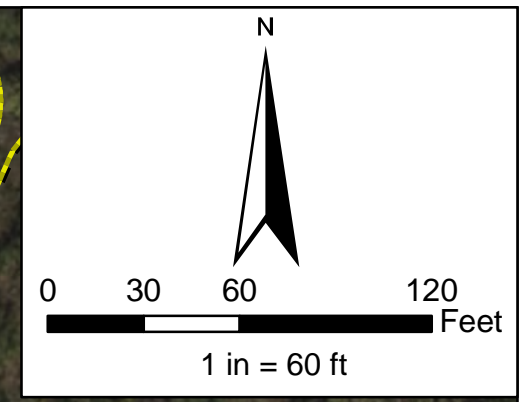
Proposed Cellar

- Legend**
- Production Gas Well (Deep)
 - Proposed Gas Well
 - Proposed Cellar
 - Proposed Working Pad Surface
 - Proposed Pad Berm
 - Proposed Cuttings Trench
 - ⋯ Proposed Daylight Line
 - Proposed Wattles
 - Proposed O&G Location (LOD)
 - Proposed Access Road
 - Proposed Excess Stockpile
 - Existing Fence
 - Proposed Culvert
 - Proposed Project Disturbance

**Arco Deep 1-27 Pad
 Oil and Gas Facilities
 Construction Layout Drawing**

TEP ROCKY MOUNTAIN, LLC
 Exhibit prepared by: TB
 Date prepared: August 24, 2022





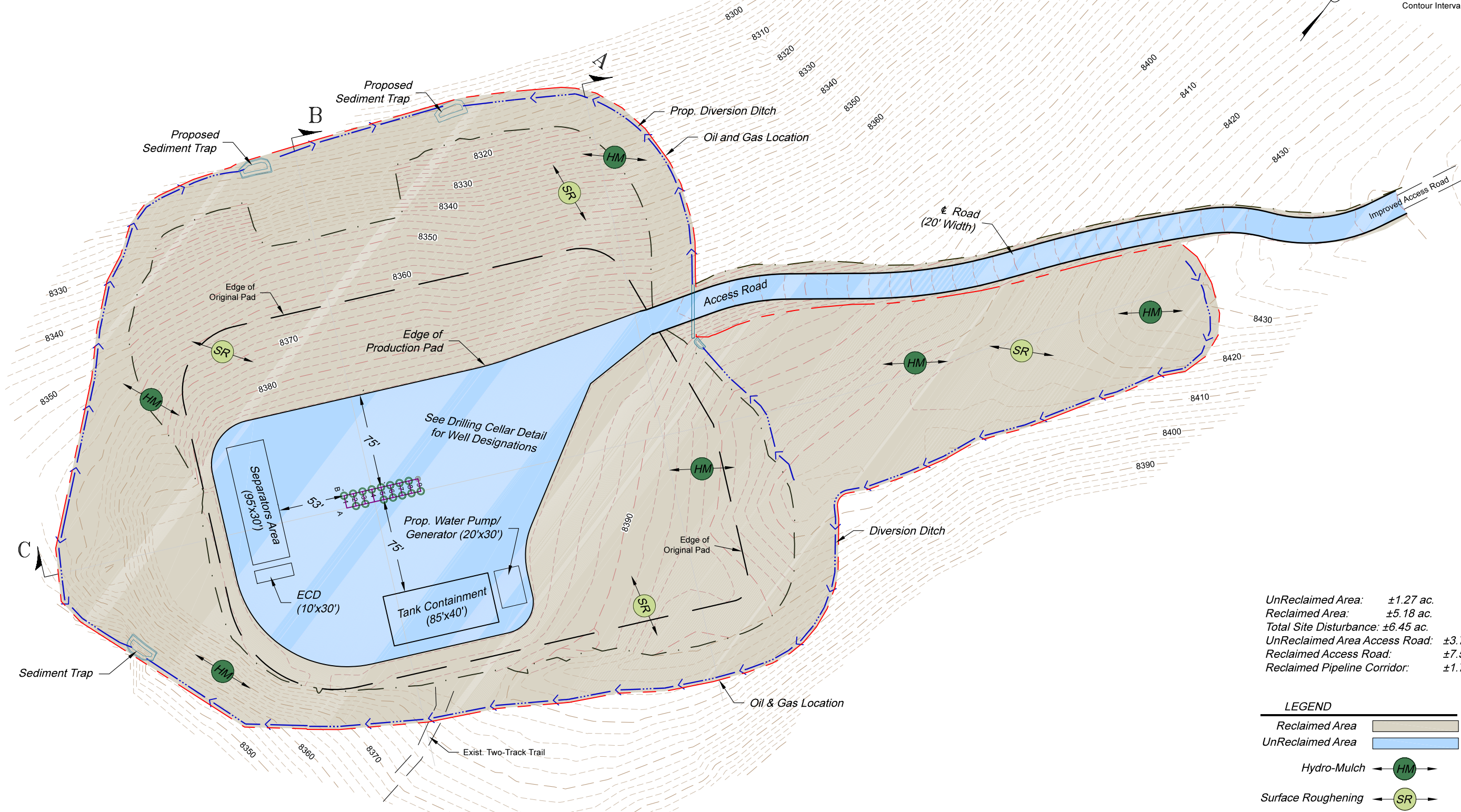
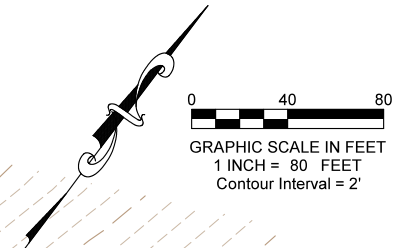
Legend			
- - Proposed Air Compressor Header	Proposed Chemical Skid	● Production Gas Well (Deep)	Proposed Wattles
- - Proposed Air Compressor	Proposed Gas Sales Line	○ Proposed Gas Well	- - Proposed O&G Location (LOD)
- - Proposed Water Pump/Generator	Proposed Wellhead Flowline	- - Proposed Production Equipment	- - Proposed Access Road
Proposed Water Tank	Proposed Fuel Gas Line	- - Proposed Cellar	- - Proposed Excess Stockpile
Proposed Gun Barrel	Proposed Produced Water Dump Line	Proposed Working Pad Surface	× - × Existing Fence
Proposed Separator	Proposed Condensate Dump Line	Proposed Working Pad Surface	Proposed Culvert
Proposed Condensate Tank	Proposed Blowdown Line	Proposed Cuttings Trench	Proposed Gas Pipeline
Proposed ECD	Proposed Process Piping (ECD)	Proposed Daylight Line	Proposed Water Pipeline
			Parcel Ownership
			Existing Access Road
			Existing Pad (TEP)

Arco Deep 1-27 Pad Oil and Gas Facilities (Post Drilling) Construction Layout Drawing

TEP ROCKY MOUNTAIN, LLC
Exhibit prepared by: TB
Date prepared: August 24, 2022



NOTE:
Reclaimed Slopes Vary as Shown.



UnReclaimed Area:	±1.27 ac.
Reclaimed Area:	±5.18 ac.
Total Site Disturbance:	±6.45 ac.
UnReclaimed Area Access Road:	±3.75 ac.
Reclaimed Access Road:	±7.59 ac.
Reclaimed Pipeline Corridor:	±1.74 ac.

LEGEND

Reclaimed Area	
UnReclaimed Area	
Hydro-Mulch	
Surface Roughening	

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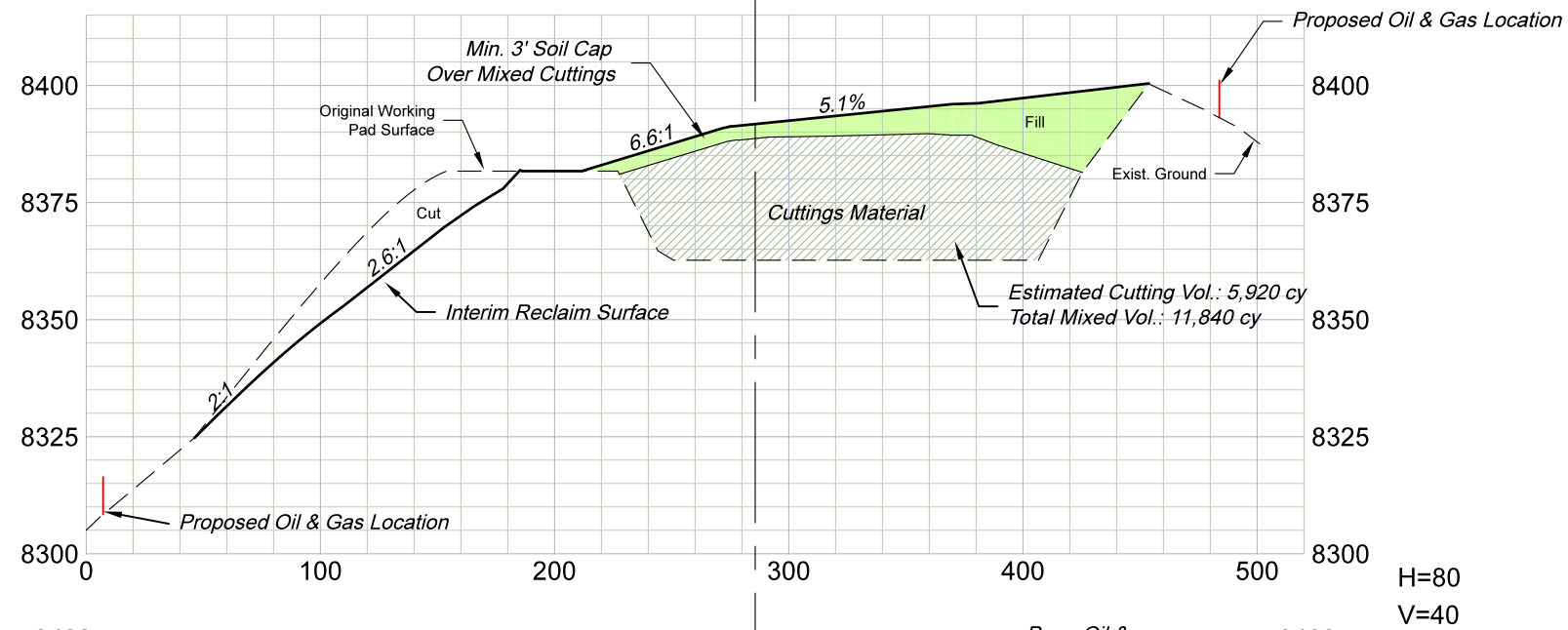
Construction Plan Prepared for:

TERRA TEP Rocky Mountain LLC

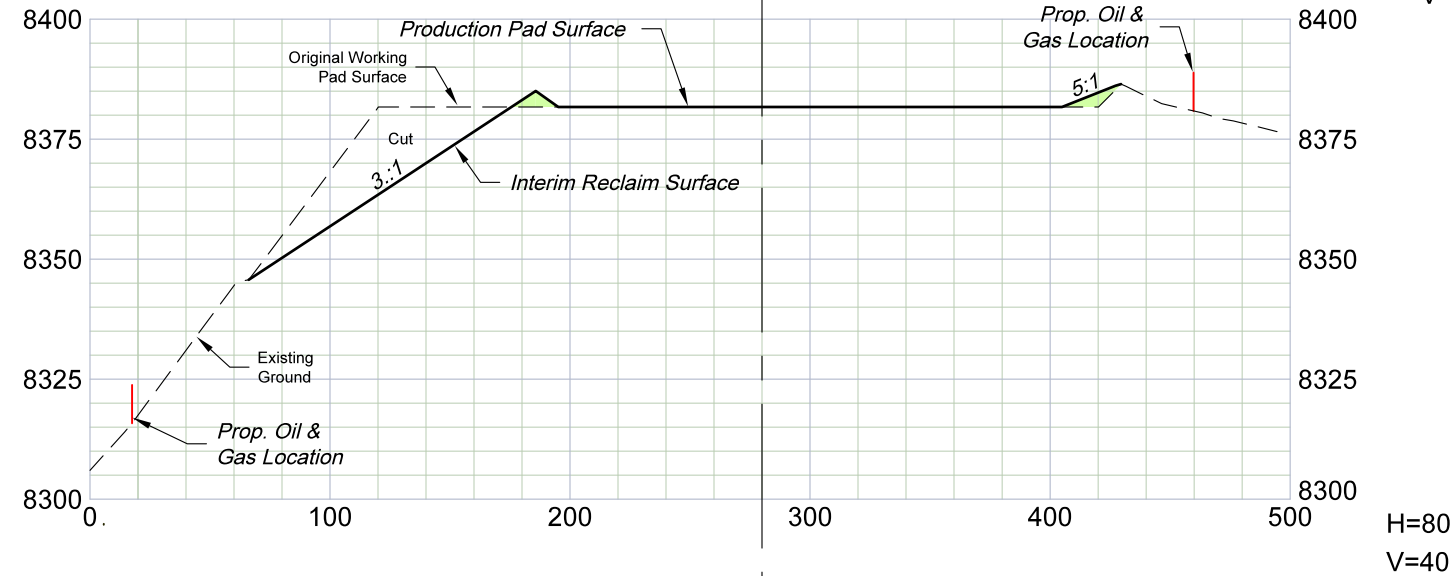
ARCO Deep 1-27 Drill Pad
INTERIM RECLAMATION LAYOUT

Construction

Section A



Section B

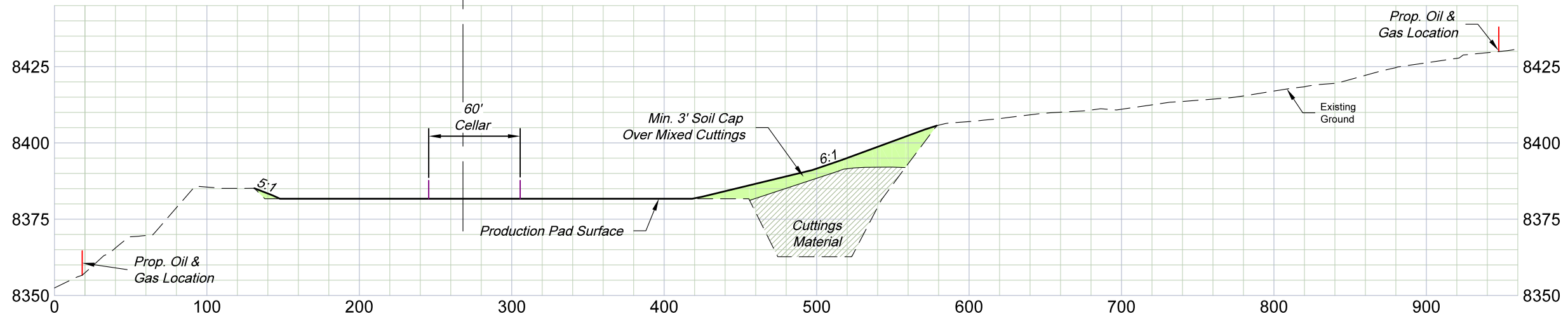


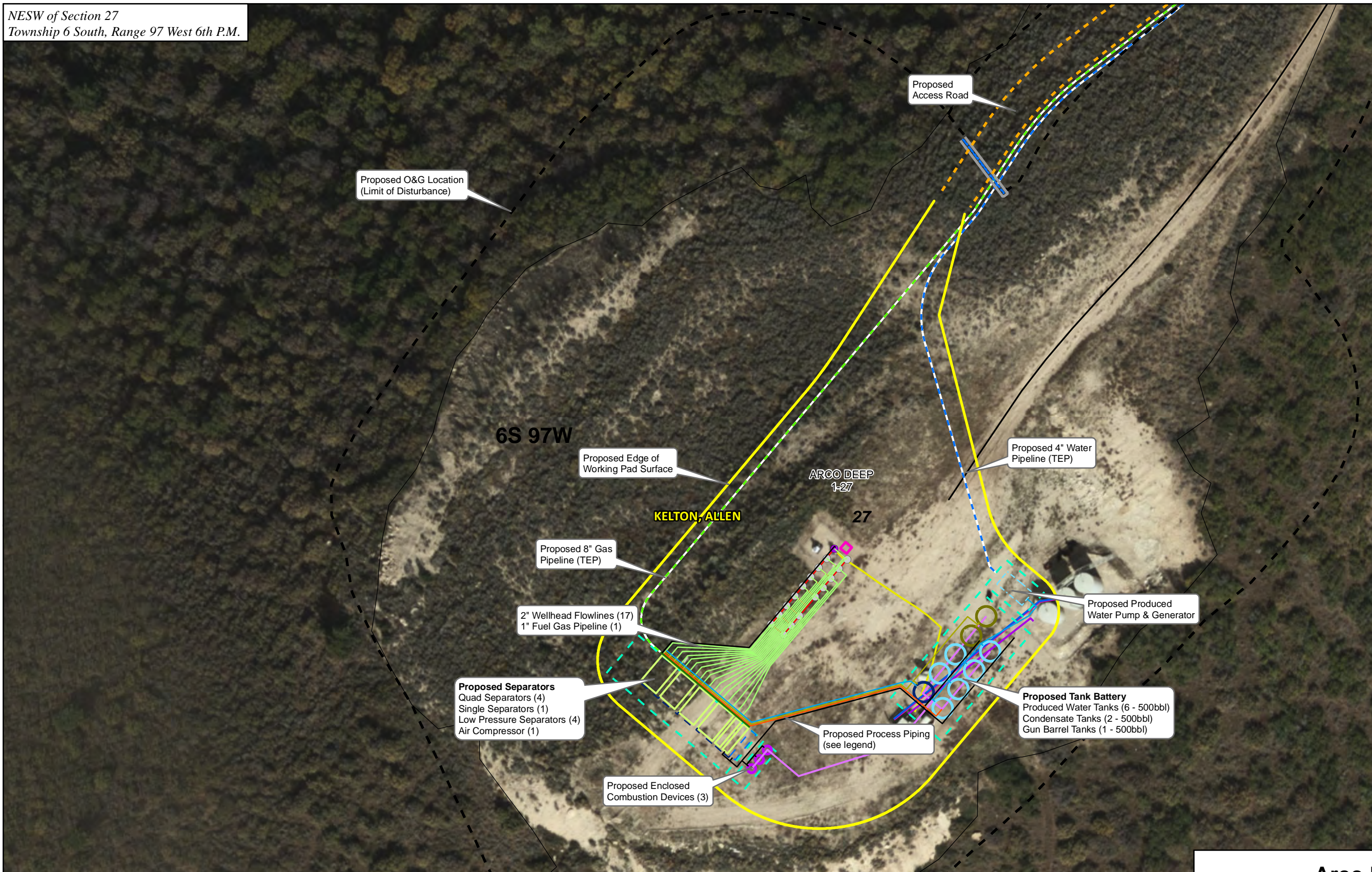
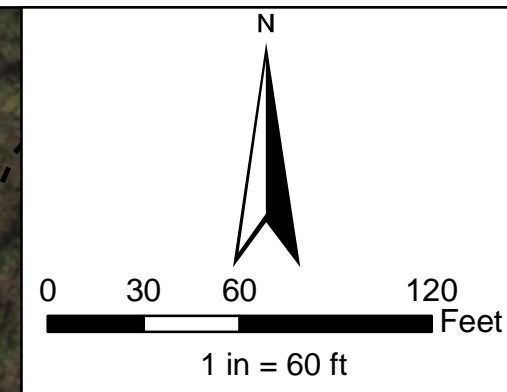
INTERIM RECLAMATION
ESTIMATED EARTHWORK QUANTITIES (cy)

ITEM	CUT	FILL	EXCESS
PAD	21,910	15,980	5,930
CUTTINGS		5,920	-5,920
TOTALS	21,910	21,900	10

**NOTE :
Reclam Slopes Vary as Shown.*

Section C





Legend			
- - Proposed Air Compressor Header	Proposed Chemical Skid	● Production Gas Well (Deep)	- - Proposed Gas Pipeline
- - Proposed Air Compressor	Proposed Gas Sales Line	○ Proposed Gas Well	- - Proposed Water Pipeline
- - Proposed Water Pump/Generator	Proposed Wellhead Flowline	■ Proposed Cellar	▭ Parcel Ownership
Proposed Water Tank	Proposed Fuel Gas Line	▭ Reclaim Pad	▭ Existing Access Road
Proposed Gun Barrel	Proposed Produced Water Dump Line	▭ Proposed Production Equipment	▭ Existing Pad (TEP)
Proposed Separator	Proposed Condensate Dump Line	▭ Proposed O&G Location (LOD)	
Proposed Condensate Tank	Proposed Blowdown Line	- - Proposed Access Road	
Proposed ECD	Proposed Process Piping (ECD)	- - Proposed Culvert	

**Arco Deep 1-27 Pad
Oil and Gas Facilities
Interim Reclaim Layout Drawing**

TEP ROCKY MOUNTAIN, LLC
Exhibit prepared by: TB
Date prepared: August 24, 2022

