

FINISHED GRADE ELEVATION = 6090.8'

REV: 7 08-30-18 T.L.L. (ADD EQUIPMENT & CHANGE PIT LABEL)

NOTE: Earthwork calculations require a fill @ some location stakes for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

#### NOTES:

- Flare unit is to be located a min. of 100' from the wellhead.
- Round corners at 35' radius or as needed.
- Construct diversion ditches as needed.
- Contours shown at 2' intervals.
- Fill slopes 1 1/2:1 (Typ.).
- Cut slopes 2:1 (Typ. except where noted).

UELS, LLC

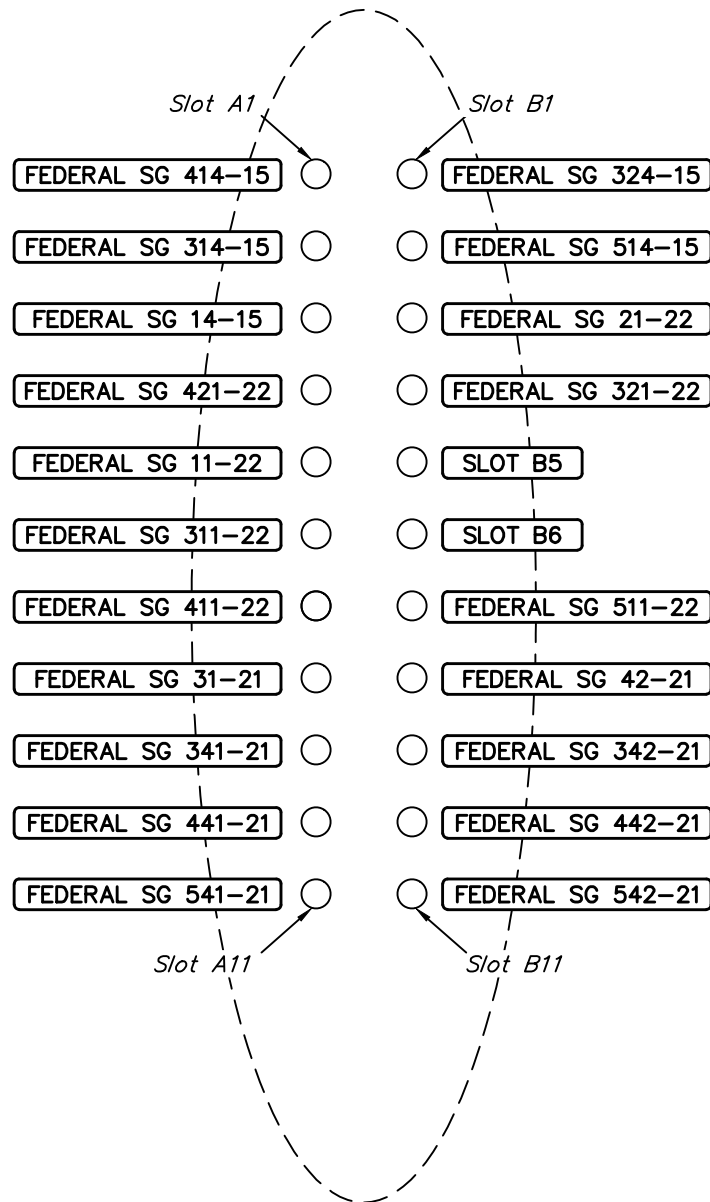
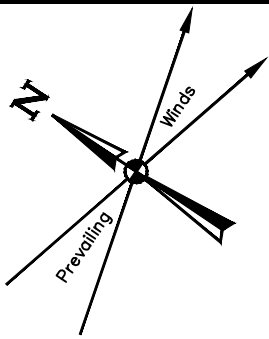
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

TEP Rocky Mountain LLC

SG 11-22 PAD  
NW 1/4 NW 1/4, SECTION 22, T7S, R96W, 6th P.M.  
GARFIELD COUNTY, COLORADO

SURVEYED BY	BART HUNTING, C.R.	02-16-18	SCALE
DRAWN BY	D.R.B.	04-06-10	1" = 80'
CONSTRUCTION LAYOUT		PLAT #2	





REV: 3 10-02-18 M.D. (SHL MOVES)

## TEP Rocky Mountain LLC

SG 11-22 PAD  
NW 1/4 NW 1/4, SECTION 22, T7S, R96W, 6th P.M.  
GARFIELD COUNTY, COLORADO



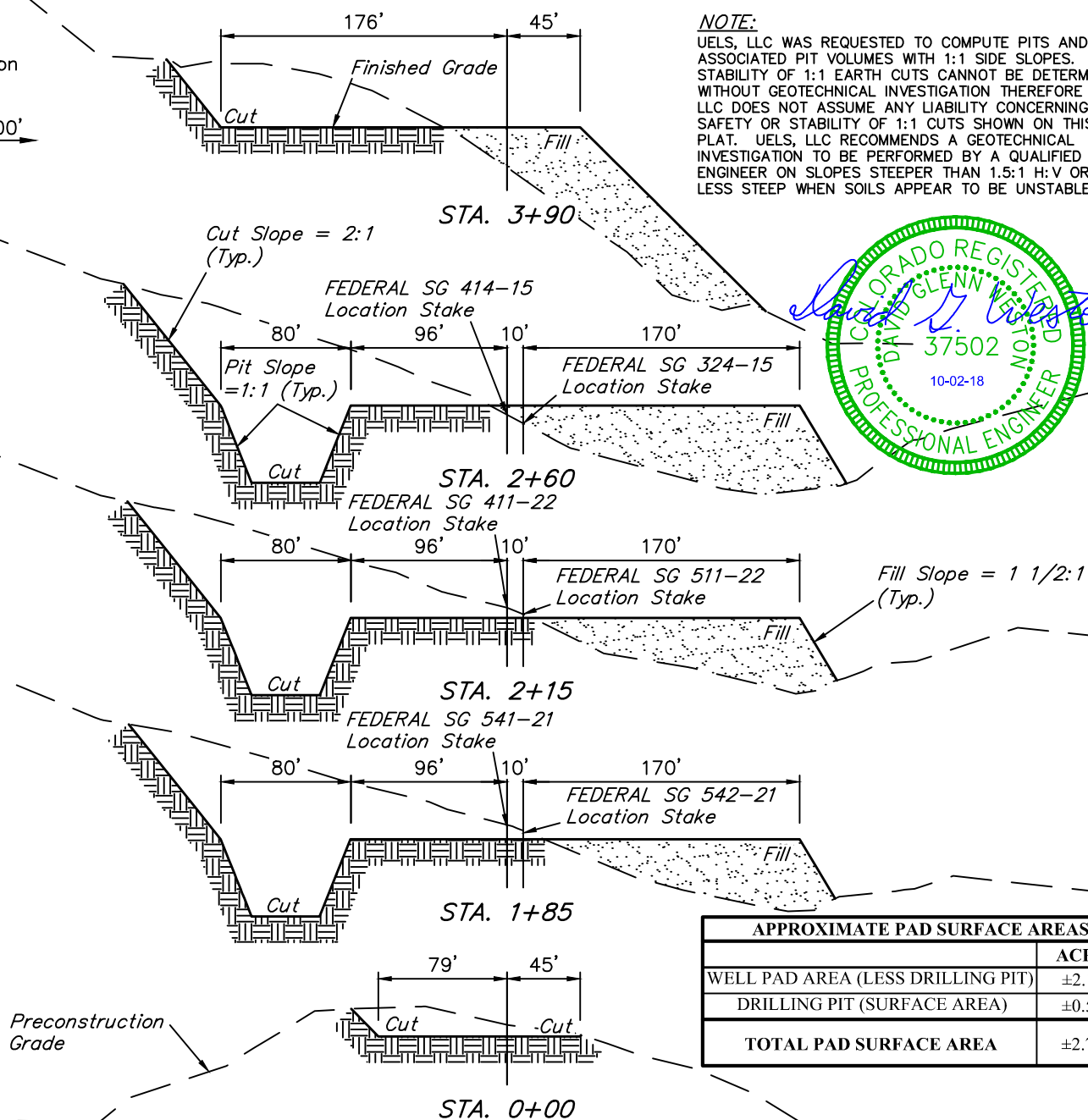
UELS, LLC  
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SURVEYED BY	BART HUNTING, C.R.	02-16-18	SCALE
DRAWN BY	T.L.L.	02-21-18	1" = 20'
WELLHEAD DETAIL			PLAT #2A

X-Section Scale  
1" = 100'

**NOTE:**

UELS, LLC WAS REQUESTED TO COMPUTE PITS AND ASSOCIATED PIT VOLUMES WITH 1:1 SIDE SLOPES. THE STABILITY OF 1:1 EARTH CUTS CANNOT BE DETERMINED WITHOUT GEOTECHNICAL INVESTIGATION THEREFORE UELS, LLC DOES NOT ASSUME ANY LIABILITY CONCERNING THE SAFETY OR STABILITY OF 1:1 CUTS SHOWN ON THIS PLAT. UELS, LLC RECOMMENDS A GEOTECHNICAL INVESTIGATION TO BE PERFORMED BY A QUALIFIED ENGINEER ON SLOPES STEEPER THAN 1.5:1 H:V OR LESS STEEP WHEN SOILS APPEAR TO BE UNSTABLE.



APPROXIMATE PAD SURFACE AREAS	
	ACRES
WELL PAD AREA (LESS DRILLING PIT)	±2.183
DRILLING PIT (SURFACE AREA)	±0.570
<b>TOTAL PAD SURFACE AREA</b>	<b>±2.753</b>

APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	3,150 Cu. Yds.
REMAINING LOCATION/DRILLING PIT	41,920 Cu. Yds.
<b>TOTAL CUT</b>	<b>45,070 Cu. Yds.</b>
<b>FILL</b>	<b>41,920 Cu. Yds.</b>
EXCESS MATERIAL	3,150 Cu. Yds.
TOPSOIL	3,150 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±4.640
30' WIDE ACCESS ROAD R-O-W DISTURBANCE (EXISTING ROAD NEEDS UPGRADED)	±2844'	±1.959
30' WIDE ACCESS ROAD R-O-W DISTURBANCE (NEW CONSTRUCTION ONLY)	±301'	±0.207
<b>TOTAL SURFACE USE AREA</b>		<b>±6.806</b>

REV: 8 10-02-18 M.D. (SHL MOVE)

**NOTES:**

- Fill quantity includes 5% for compaction.
- Calculations based on 6" of topsoil stripping.
- Fill slopes 1 1/2:1 (Typ.).
- Cut slopes 2:1 (Typ. except where noted).

**TEP Rocky Mountain LLC**

**SG 11-22 PAD**  
**NW 1/4 NW 1/4, SECTION 22, T7S, R96W, 6th P.M.**  
**GARFIELD COUNTY, COLORADO**



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SURVEYED BY	BART HUNTING, C.R.	02-16-18	SCALE
DRAWN BY	D.R.B.	04-06-10	AS SHOWN
<b>CONSTRUCTION LAYOUT CROSS SECTIONS</b>			<b>PLAT #3</b>