

**SWMP LEGEND**  
 ST = Sediment Trap

**NOTE:**  
 Apply surface roughening to all cut/fill slopes & other areas as required.

**Note:**  
 Existing access road to be raised to pad grade from intersection to pad. Ditch on northwest side of road to be maintained for runoff.

**Sed. Trap #1**  
 L= 25', W=20', D=1.5'

**Sed. Trap #2**  
 L= 20', W=15', D=3.0'

**Sed. Trap #3**  
 L= 20', W=15', D=2.3'

FINISHED GRADE ELEVATION = 6280.6'  
 FINISHED TOP OF GRAVEL GRADE ELEVATION = 6281.4'

NOTE: Earthwork calculations require a fill @ the 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 Stack is to be located a min. of 100' from the wellhead.
  - Round corners at 35' radius or as needed.
  - Contours shown at 2' intervals.
  - Cut slopes 1:1 (Typ.).
  - Fill slopes 1 1/2:1 (Typ.).
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

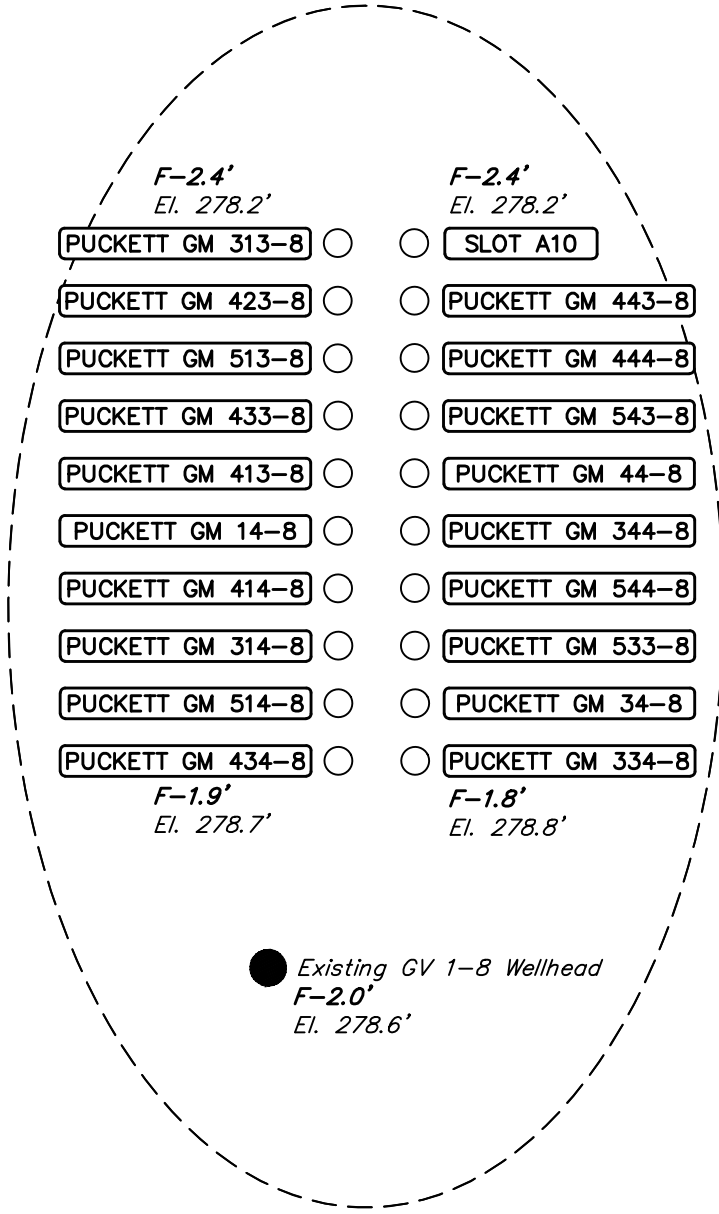
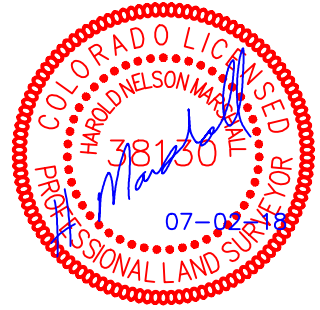
**TEP Rocky Mountain LLC**

**GV 1-8 PAD**  
 NE 1/4 SW 1/4, SECTION 8, T7S, R96W, 6th P.M.  
 GARFIELD COUNTY, COLORADO



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

<b>SURVEYED BY</b>	BART HUNTING	02-28-18	<b>SCALE</b>
<b>DRAWN BY</b>	C.D.L.	03-06-18	1" = 80'
<b>CONSTRUCTION LAYOUT</b>		<b>PLAT #2</b>	



REV: 2 07-02-18 M.D. (WELL NAME CHANGE & ADD FILL FOOTAGE @ EXISTING WELL)

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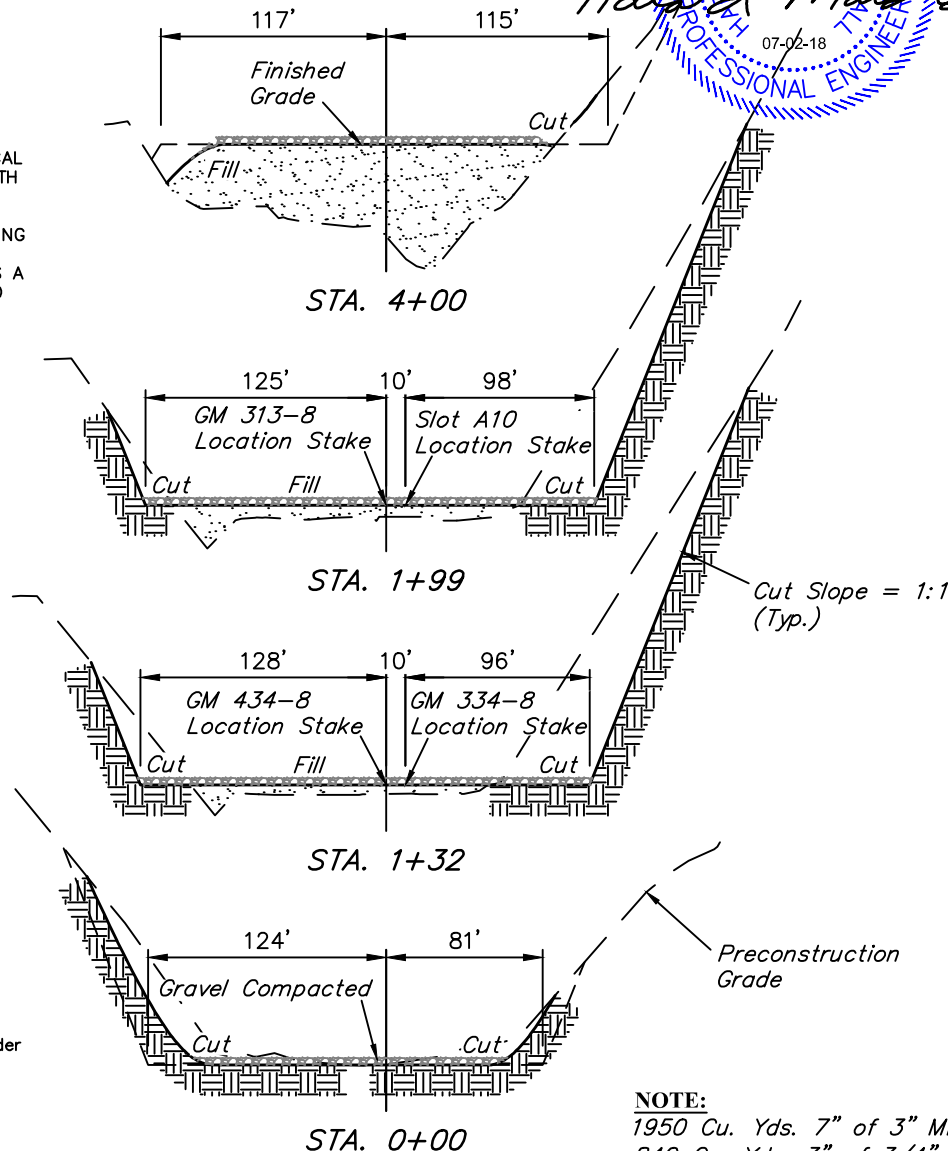
**UELS, LLC**  
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Vernal, UT 84078 \* (435) 789-1017

SURVEYED BY	BART HUNTING	02-28-18	SCALE
DRAWN BY	T.L.L.	05-14-18	1" = 80'
<b>WELLHEAD DETAIL</b>			<b>PLAT #2A</b>

X-Section  
Scale  
1" = 100'



UELS, LLC WAS REQUESTED TO COMPUTE VERTICAL SIDE SLOPES. THE STABILITY OF VERTICAL EARTH CUTS CANNOT BE DETERMINED WITHOUT GEOTECHNICAL INVESTIGATION THEREFORE UEELS, LLC DOES NOT ASSUME ANY LIABILITY CONCERNING THE SAFETY OR STABILITY OF VERTICAL CUTS SHOWN ON THIS PLAT. UEELS, 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.



**Note:**  
The dirt removed during construction of the under pad culvert is to be stockpiled until time of reclamation. The volume of the dirt removed is approximately 17,480 Cu. Yds.

**NOTE:**  
1950 Cu. Yds. 7" of 3" Minus & 840 Cu. Yds. 3" of 3/4" Minus Gravel to Increase Location Stability. Approximately 2790 Cu. Yds. Gravel is to be Applied to Entire Pad Footprint.

APPROXIMATE EARTHWORK QUANTITIES	
(12") TOPSOIL STRIPPING (NEW CONSTRUCTION ONLY)	4,680 Cu. Yds.
REMAINING LOCATION	20,530 Cu. Yds.
<b>TOTAL CUT</b>	<b>25,210 Cu. Yds.</b>
<b>FILL</b>	<b>20,530 Cu. Yds.</b>
EXCESS MATERIAL	4,680 Cu. Yds.
TOPSOIL	4,680 Cu. Yds.
<b>EXCESS UNBALANCE (After Interim Rehabilitation)</b>	<b>0 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±3.900
<b>TOTAL SURFACE USE AREA</b>		<b>±3.900</b>

REV: 3 07-02-18 M.D. (ADD GRAVEL CALCULATIONS)

- NOTES:**
- Volumes shown are for new construction only.
  - Fill quantity includes 5% for compaction.
  - Calculations based on 12" of topsoil stripping.
  - Cut slopes 1:1 (Typ.).
  - Fill slopes 1 1/2:1 (Typ.).

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SURVEYED BY	BART HUNTING	02-28-18	SCALE
DRAWN BY	C.D.L.	03-06-18	AS SHOWN
<b>CONSTRUCTION LAYOUT CROSS SECTIONS</b>			<b>PLAT #3</b>