



#### CLARY GU #3:

1. UNGRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6337.408'
2. GRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6337.565'
3. PROPOSED WELLHEAD LOCATION: 37°11'10.9187"N, 107°52'19.9984"W

#### EARTHWORKS:

250 yd<sup>3</sup> = CUTTINGS PIT (NOT INCLUDED IN NET IMPORT)  
789 yd<sup>3</sup> = TOPSOIL (NOT INCLUDED IN NET IMPORT)

933 yd<sup>3</sup> = CUT TO ACHIEVE SUBGRADE ELEVATION  
357 yd<sup>3</sup> = FILL TO ACHIEVE SUBGRADE ELEVATION  
576 yd<sup>3</sup> = NET IMPORT

312 yd<sup>3</sup> = WELL PAD PERMANENT EXPANSION SUBBASE  
(MINUS 3" GRAVEL, 8" THICK)  
156 yd<sup>3</sup> = WELL PAD PERMANENT EXPANSION SURFACING  
(3/4" GRAVEL, 4" THICK)  
453 yd<sup>3</sup> = RECLAIMED AREA (3/4" GRAVEL, 12" THICK)

#### NOTES:

1. ACTUAL SLOPE AND DIRECTION OF DRAINAGE WILL BE FIELD FIT.
2. 60'x80' FLAT AREA WILL BE BUILT WITHIN WELLHEAD AREA TO ALLOW PROPER RIG SETUP.
3. CUT/FILL/ELEVATION LISTED ARE REQUIRED TO ACHIEVE SUBGRADE ELEVATION.
4. DISCREPANCIES MAY EXIST IN ACTUAL CUT/FILL VOLUME REQUIRED DUE TO VARIANCES IN WELL PAD ELEVATION.
5. ALL CUT/FILL ARE BASED ON A REFERENCE POINT OF EXISTING CLARY GU #1 WELLHEAD AT AN ELEVATION OF 6337.565'.
6. 8" TOPSOIL WILL BE REMOVED AND STORED ONSITE. TOPSOIL WILL BE USED LATER FOR RECLAMATION.

**URS**

PROJ. NO. 12059-A	FILE NO. CLARYGU#3GRADINGPLAN
DRAWN BY L.BETSELIE	DATE 4/21/10
CLIENT D.ERICKSON	

#### CLARY GU #3 WELL PAD PLAN

BP AMERICA PROD. CO. - DURANGO, CO

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