



LEVEL AREA CORNER COORDINATES CO-S, NAD83 (TYP.)	
NORTHING	EASTING
a: 1195389.675	2308906.586
b: 1195314.520	2308879.168
c: 1195335.083	2308822.802
d: 1195410.238	2308850.220

#### RAY, BILLY GU #3:

1. UNGRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6358.615'
2. GRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6358.945'
3. PROPOSED WELLHEAD LOCATION: 37°10'44.7323"N, 107°52'20.8004"W

#### EARTHWORKS:

250 yd<sup>3</sup> = CUTTINGS PIT (NOT INCLUDED IN NET IMPORT)  
1457 yd<sup>3</sup> = TOPSOIL (NOT INCLUDED IN NET IMPORT)

4100 yd<sup>3</sup> = CUT TO ACHIEVE SUBGRADE ELEVATION  
6236 yd<sup>3</sup> = FILL TO ACHIEVE SUBGRADE ELEVATION  
2136 yd<sup>3</sup> = NET IMPORT

472 yd<sup>3</sup> = WELL PAD PERMANENT EXPANSION SUBBASE  
(MINUS 3" GRAVEL, 8" THICK)  
236 yd<sup>3</sup> = WELL PAD PERMANENT EXPANSION SURFACING  
(3/4" GRAVEL, 4" THICK)  
566 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 RAY, BILLY GU #1 WELLHEAD AT AN ELEVATION OF 6359.195'.
6. 8" TOPSOIL WILL BE REMOVED AND STORED ONSITE. TOPSOIL WILL BE USED LATER FOR RECLAMATION.



PROJ. NO. 12059-A	FILE NO. RAYBILLYGU#3GRADINGPLAN
DRAWN BY L.BETSELIE	DATE 6/16/10
CLIENT K.FEIR	

#### RAY, BILLY GU #3 WELL PAD PLAN

BP AMERICA PROD. CO. - DURANGO, CO

REV  
0