



LEVEL AREA CORNER COORDINATES

CO-S, NAD83 (TYP.)

NORTHING **EASTING**

a:	1198217.677	2310749.603
b:	1198165.175	2310778.647
c:	1198126.450	2310708.644
d:	1198178.952	2310679.600

CLARY GU #4:

1. UNGRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6376.789'
2. GRADED NATIVE GROUND ELEVATION AT PROPOSED WELLHEAD: 6375.397'
3. PROPOSED WELLHEAD LOCATION: 37°11'12.98400"N, 107°51'58.64400"W

EARTHWORKS:

- 249 yd³ = CUTTINGS PIT (NOT INCLUDED IN NET EXPORT)
- 2270 yd³ = TOPSOIL WELLPAD AND ROAD (NOT INCLUDED IN NET EXPORT)

- 12744 yd³ = CUT TO ACHIEVE SUBGRADE ELEVATION
- 761 yd³ = FILL TO ACHIEVE SUBGRADE ELEVATION
- 6 yd³ = CUT TO ACHIEVE ROAD SUBGRADE ELEVATION
- 1046 yd³ = FILL TO ACHIEVE ROAD SUBGRADE ELEVATION
- 10943 yd³ = NET EXPORT

- 536 yd³ = WELL PAD PERMANENT EXPANSION SUBBASE (MINUS 3" GRAVEL, 8" THICK)
- 268 yd³ = WELL PAD PERMANENT EXPANSION SURFACING (3/4" GRAVEL, 4" THICK)
- 442 yd³ = WELL PAD RECLAIMED AREA (3/4" GRAVEL, 12" THICK)
- 136 yd³ = ROAD RECLAIMED AREA (3/4" GRAVEL, 12" THICK)

NOTES:

1. ACTUAL SLOPE AND DIRECTION OF DRAINAGE WILL BE FIELD FIT.
2. 80'x60' 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 #2 WELLHEAD AT AN ELEVATION OF 6375.647'.
6. 8" TOPSOIL WILL BE REMOVED AND STORED ONSITE. TOPSOIL WILL BE USED LATER FOR RECLAMATION.

	PROJ. NO. 12059-A	FILE NO. CLARYGU#4GRADINGPLAN	CLARY GU #4 WELL PAD PLAN		REV D
	DRAWN BY L.BETSELIE	DATE 12/22/09			