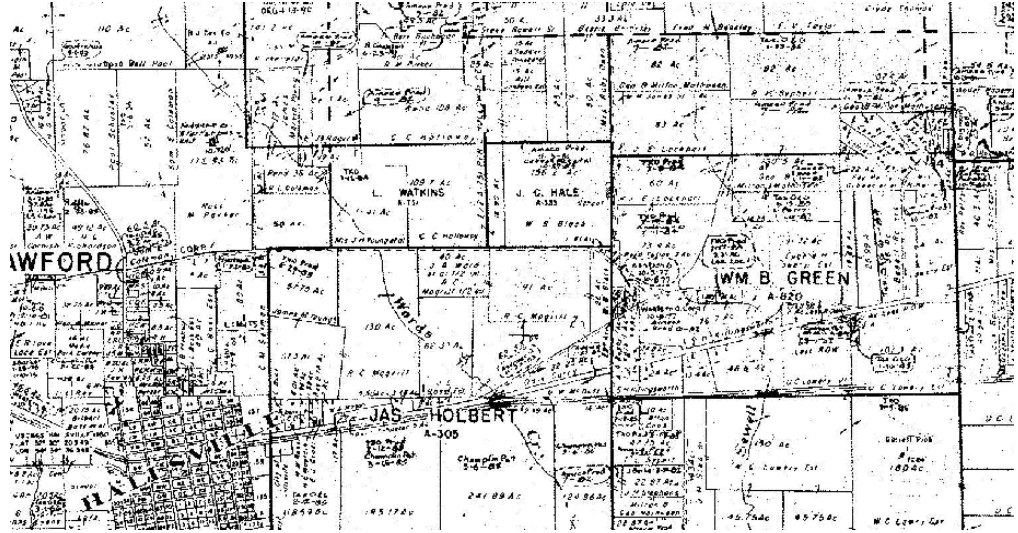


1 **Using a Tobin International, Ltd. map as a Background Image**
2 **This statement is directly from one of their web sites: "TOBIN International,**
3 **Ltd. ("TOBIN") has been the standard for maps used by the oil and gas industry**
4 **for over 70 years. Land professionals and explorationists depend on the**
5 **accuracy of TOBIN maps to determine the exact locations of their leases, wells,**
6 **seismic lines and**
7 **pipelines."**

8
9 **Here's an example**
10 **of part of a Tobin**
11 **map, around the**
12 **area of Hallsville,**
13 **TX.**



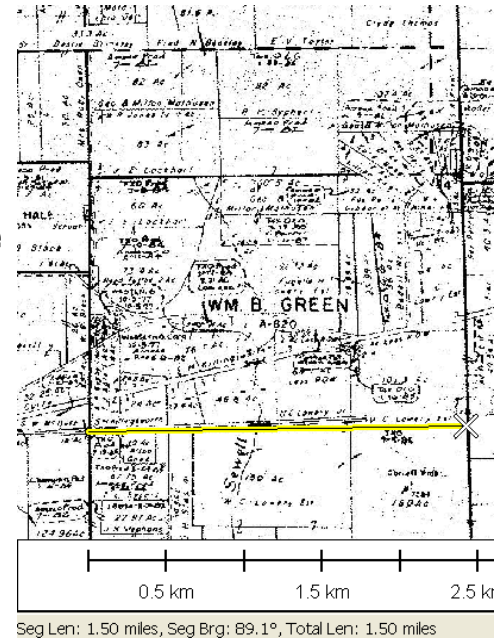
14
15 **What you see are**
16 **the names towns,**
17 **creeks, etc., and of**
18 **the Land Grants,**
19 **generally defined**
20 **by the heavy lines**
21 **and the subsequent smaller divisions of the grants.**

22
23
24
25 **In order to use this map as a background,**
26 **electronically in the NET Deed Plotter, we must**
27 **create some "world file".**

28
29 **You may have this graphics file, in some format like**
30 **a TIF, JPG or BitMap, but you may NOT have the**
31 **associated "world file". If it is present, you can**
32 **use it directly.**

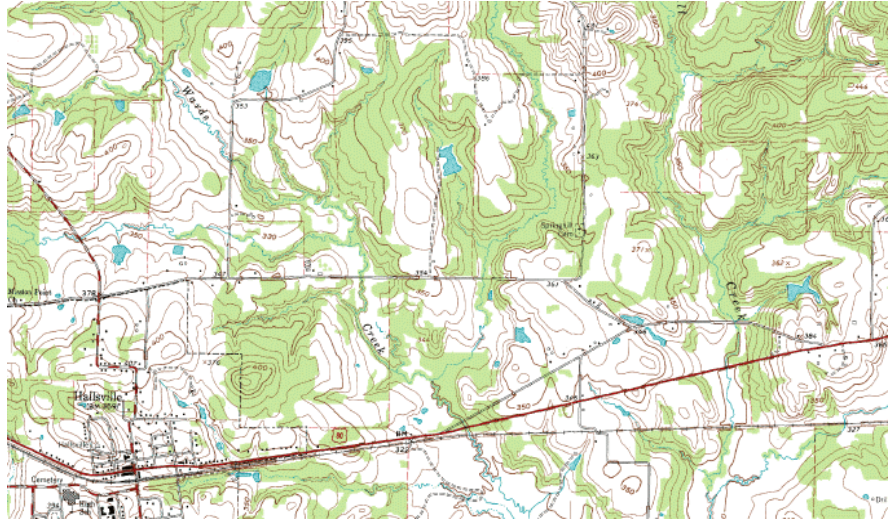
33
34 **If the "world file" is missing, the NET Deed Plotter**
35 **can create it IF you know the "natural scale" of the**
36 **map. That is usually difficult to know.**

37
38 **But, another option is to use the GEWorld File that**
39 **was discussed earlier. Again, as shown earlier,**
40 **when using the GEWorld File with Google Earth,**
41 **you use the scale bar found in feet. Here there was a scale bar in meters, but I**
42 **just decided to use the "length tool" found in "Global Mapper" (GM), another**
43 **aerial image reader. So, in the GM, I drew a yellow line and the distance of**
44 **1.50 miles for the south line of the Wm B. Green Grant, as seen along the**
45 **bottom of the graphic.**

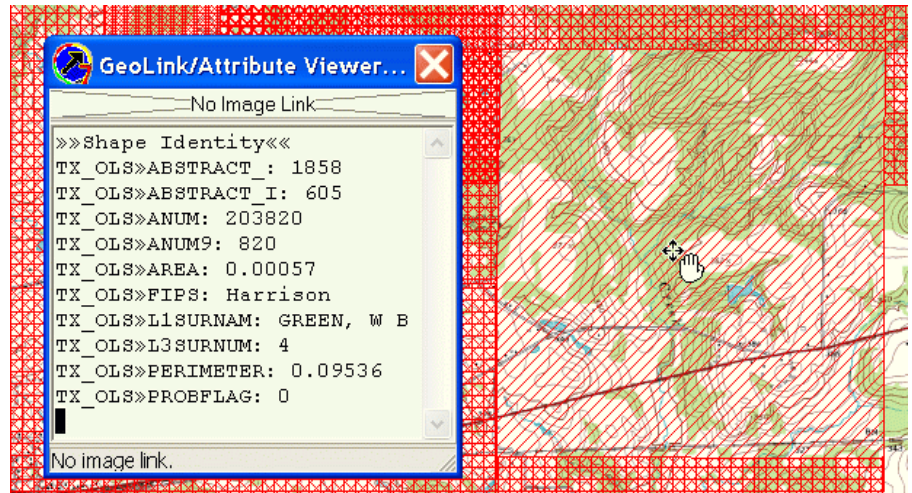


46
47 **Another way to come up with a measurement to use in generating the "world**

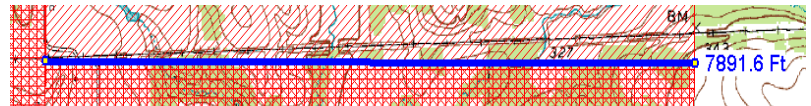
1 file", would be to use the
2 All Topo Maps (ATMs)
3 software. Since this
4 property is in Texas and
5 because the ATMs
6 software has the
7 Statehood Land Grant file
8 built in to it, that is
9 searchable, we can also
10 find this Wm B. Green
11 grant. To find this grant,
12 because I knew it was
13 located in the general
14 area of Hallsville, I simply
15 loaded that map. Or, if
16 we knew more, like the
17 Survey #, or Abstract #.,
18 County name, etc., along
19 with the Wm B. Green
20 name, it could be
21 "searched" and found.



25 Here's the result of
26 clicking on the QS (Quick
27 Shape) button in the ATMs
28 to turn on the file that shows the grants.



30 Then with the Geo/Link
31 Attribute Viewer turned ON
32 AND the cursor inside the
33 parcel, we can read that it is

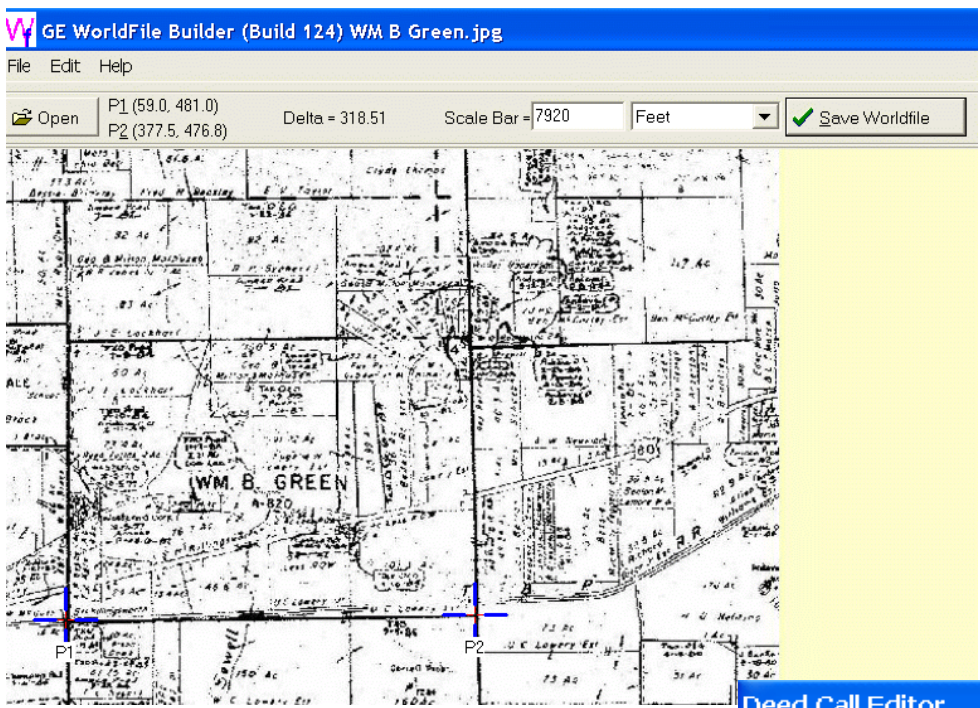


34 the W B Green tract with these various Abstract #'s, etc., and that it is
35 in Harrison County. (The reported area number doesn't appear to make any
36 sense, unless you know that the 0.00057 number represents that this parcel is
37 0.057% of the 1 degree Lat./Lon. block that this parcel falls in.)

40 Now with the correct grant found, let's measure along the south end.
41 By "snapping" on the ends of the line the ATMs says 7,891.6 feet.

43 With Global Mapper, showing 1.50 miles or 7,920 feet, which is right. Probably
44 neither !! But, there is only a 30 foot difference, which is very small considering
45 the relative scales of the maps, etc. But, to continue to get the Tobin map as a
46 background, I'll use the 1.50 miles or 7,920 feet. For what we are doing, it
47 really doesn't matter. If you need more exactly accurate numbers, hire a
48 surveyor.

1 Now with the 7,920 foot call along the bottom, we need to open the GEWorld
 2 File tool, mark the ends
 3 and tell the program
 4 what the distance
 5 really is between the
 6 end points.



11 Here's the graphic
 12 found by loading the
 13 GEWorld File and
 14 opening the Wm B
 15 Green.jpg image file.

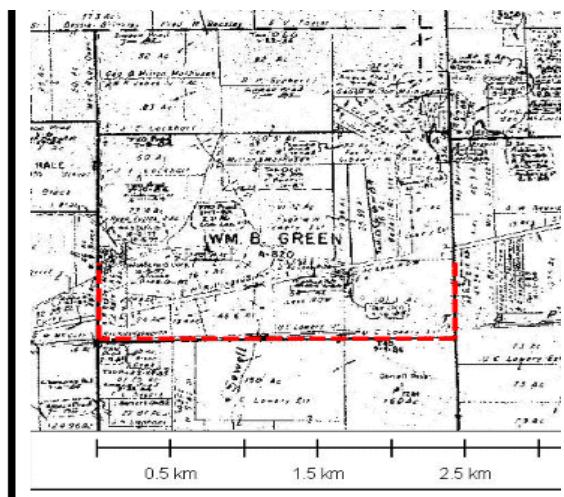
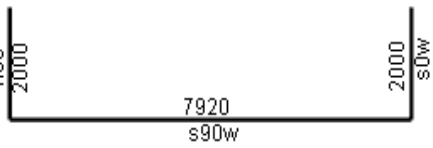
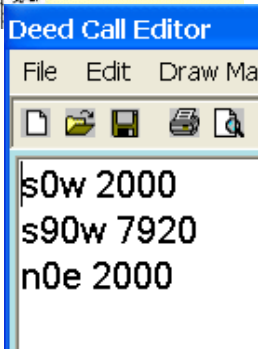
17 By moving the cursor
 18 over the SW corner and
 19 pressing 1, then the P1
 20 and cross icon is
 21 created. Move to the
 22 SE corner and Press 2 to get a new icon & P2.

24 Now input the 7920 & select Feet in the Bar Scale tiles and Click
 25 "Save World file." You're done with
 26 this step and ready to go to NET Deed
 27 Plotter.

29 Start the NET Deed Plotter and create
 30 some calls to use for the test.

32 By using these calls, we have created a "U"
 33 shaped parcel what should fit along the east
 34 and west sides, as well as cover the bottom
 35 Wm B. Green abstract.

37 After drawing the "U" test tract and opening
 38 the Wm B. Green image file, the "U" parcel
 39 should be visible somewhere over the map.
 40 It never comes in at the correct spot, but
 41 you can easily "move" the "U" tract over the
 42 bottom of the Wm B. Green tract and see
 43 that it does indeed fit. (Note in the Deed
 44 Calls data box at the bottom, that when you
 45 moved the "U" parcel, then you do get
 46 "easting & northing" coordinates added to
 47 the Deed Call Editor file. You should also
 48 note that the Tract 1 reported area of 61+



Scale: 1 inch= 4000 feet	File:
Tract 1: 61.0128 Acres, Closure: n90.0000e 7920.00 ft (1/2), Perim	
01 e21864.445m n4748.645m	
02 s0w 2000	
03 s90w 7920	
04 n0e 2000	

49 **acres is bogus, because it is reporting with a 7920 foot closure error, which is**
50 **correct, as the "U" parcel is NOT a closed polygon.)**

51

52 **You would now be ready to use other data to create parcels, pipelines, roads,**
53 **etc., with the NET Deed Plotter to show over this image and have them working**
54 **at the correct relative scale.**

55

56

57