

Job # 11209 TSA UNIT 1-14

TOPO MAP

High Prairie Surveying of Kiowa, Colorado has in accordance with a request from **Mull Drilling Co.** has determined the location of **TSA UNIT 1-14** to be 2150 feet FNL, and 171 feet FWL, (90° off Section lines) of SECTION 14, Township 17s, Range 45w of the 6th Principal Meridian, Kiowa County, Colorado.

Date: Staked on November 30, 2011, drawn on December 1, 2011.

Re: Staked by Keith Westfall
Drawn: Drawn by Elijah Frane

Basis of Elevation Spot: USGS BM = SNAKE, PID = JJ0809, H-Order = Third, V-Order = Scaled, Stability = C, P-DOP = 3.1, Sats = 8 US NAD 83 CO-S, Lat. = 38.45290, Long. = 102.40390, Elevation = 3996 gr. (us FT).

Notes: There are apparent improvements within 400 ft of proposed well pad.
 The ground elevation at staked location = 4129.01' gr.
 This drawing does not represent a monumented survey or Land Survey Plat.

Basis of Bearing: Bearings were determined based on the North line of Section 14 to bear N 87°31'14" E with all other bearings contained herein relative thereto.

