

**TOPOGRAPHIC LAND SURVEYORS**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015

BARBER

County, Kansas

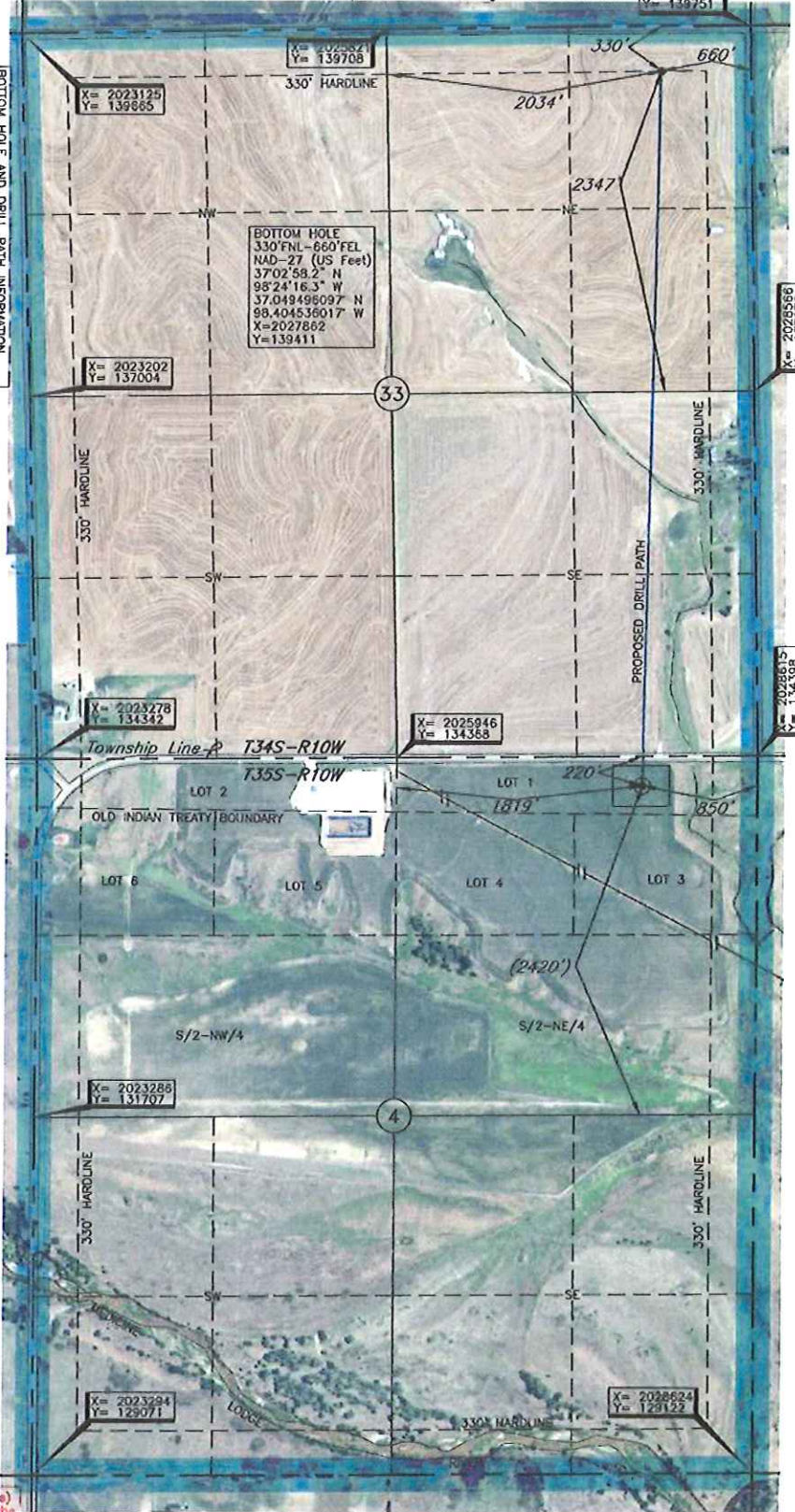
220° FNL - 850° FEL Section 4 Township 35S Range 10W P.M.

X= 2028516  
Y= 134751



Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLD (General Land Office) distances and have NOT been measured on the ground.

BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Operator: TAPSTONE ENERGY  
 Lease Name: SCHUPBACH 3410  
 Topography & Vegetation: Loc. fell in level wheat field, ±240' West of N-S fence  
 Good Drill Site? Yes  
 Best Accessibility to Location: From North off county road  
 Distance & Direction: From Kiowa, KS, go ±3.5 mi. East, then ±1.25 mi. North,  
then ±1.0 mi. East to the NE Cor. of Sec. 4-T35S-R10W  
 Reference Stakes or Alternate Location: Stakes Set None  
 Well No.: 33-2H  
 ELEVATION: 1296' Gr. at Stake

A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

DATUM: NAD-27  
 LAT: 37°02'06.4\"N  
 LONG: 98°24'17.6\"W  
 LAT: 37.035099177\" N  
 LONG: 98.404885271\" W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2027765  
 Y: 134169

Revision  A Aug. 04, 2014  
 Invoice # 227934 Date Staked: Jul. 24, 2014 AC

**CERTIFICATE:**  
 I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

