

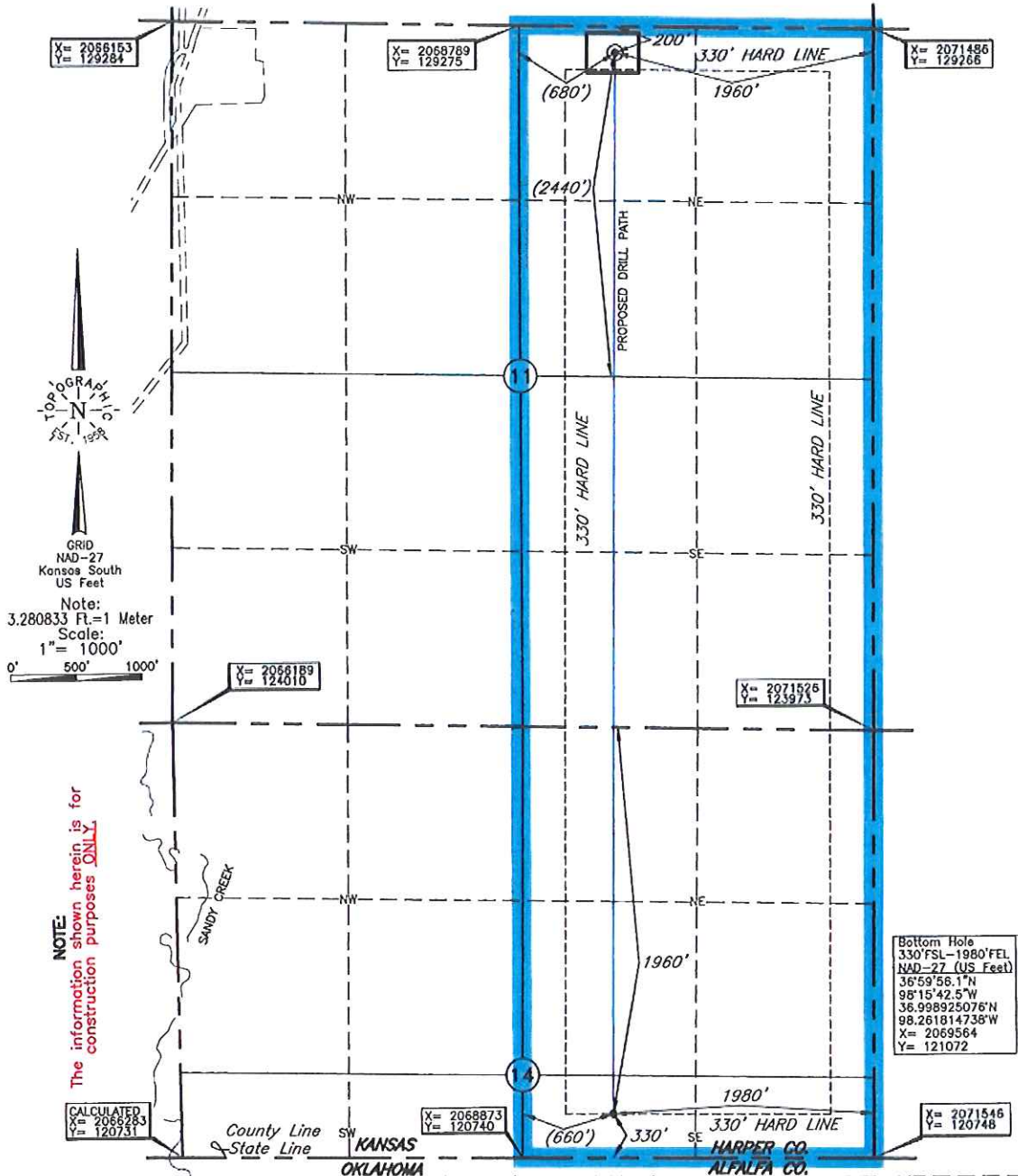
TOPOGRAPHIC LAND SURVEYORS

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

HARPER

County, Kansas

200' FNL-1960' FEL Section 11 Township 35S Range 9W P.M.



Bottom Hole and Drill Path information provided by operator listed, NOT Surveyed

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

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

Operator: TAPSTONE ENERGY
 Lease Name: COOPER 14-35-9 Well No.: 1H
 Topography & Vegetation: Loc. fell in sandy pasture
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location: From South off lease road
 Distance & Direction from Hwy Jct or Town: From Jct. of St. Hwy 58 & Oklahoma & Kansas State Line, go North 0.75 mi. on St. Hwy 58 to new lease road, then go East ±2.0 mi. NE-E on lease road to NE corner of Section 11-T35S-R9W
 Date of Drawing: Apr. 21, 2014
 Invoice # 220485A Date Staked: Apr. 16, 2014

ELEVATION:
 1245' Gr. at Stake

DATUM: NAD-27
 LAT: 37°01'15.2"N
 LONG: 98°15'42.7"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2069528
 Y: 129072

CERTIFICATE:

I, Lee K. Goss, a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy