

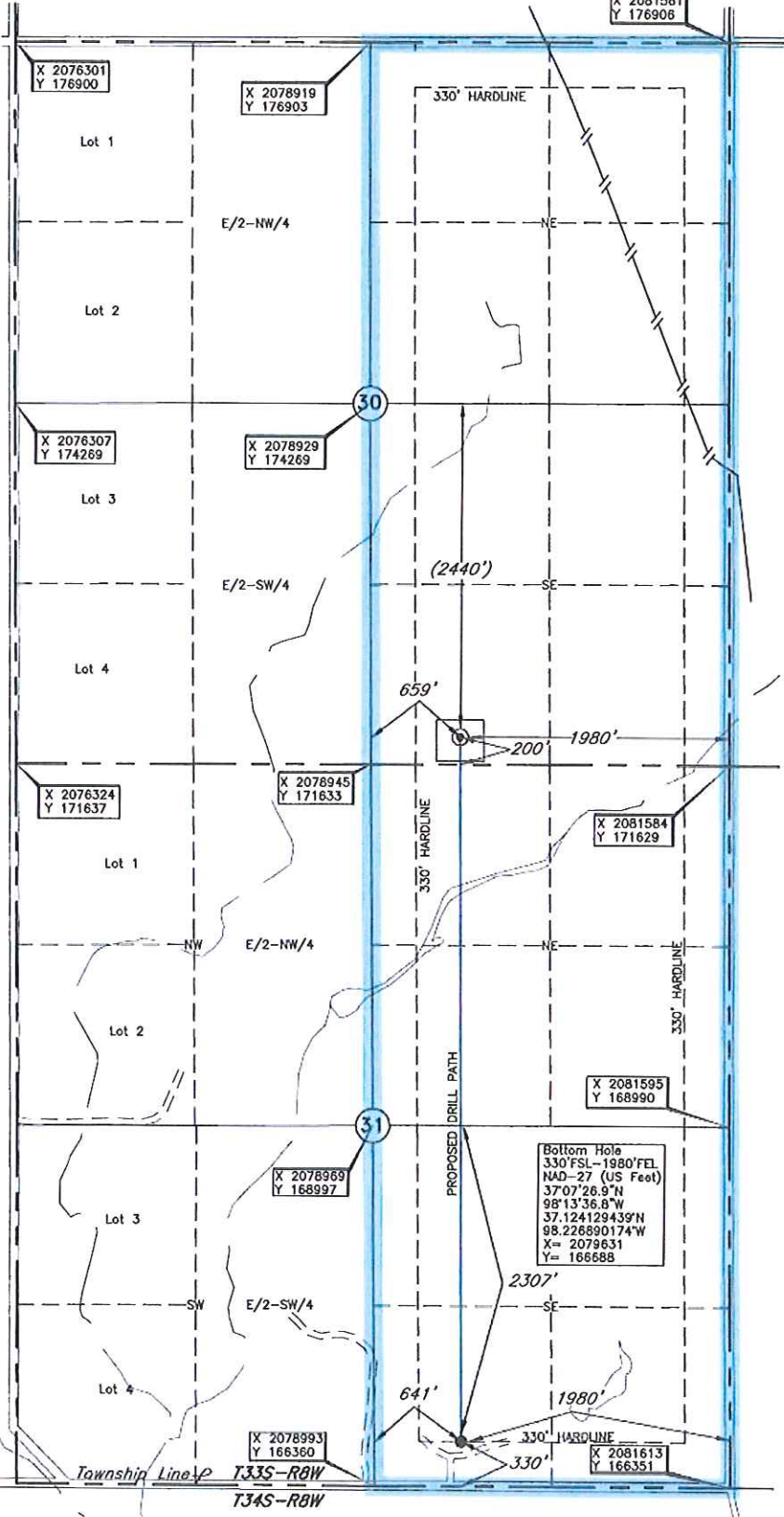
TOPOGRAPHIC LAND SURVEYORS

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'FSL-1980'FEL Section 30 Township 33S Range 8W P.M.



Operator: TAPSTONE ENERGY
 Lease Name: DIEL FARMS 31-33-8
 Topography & Vegetation: Loc. fall in rolling sandy pasture
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set
 Best Accessibility to Location: From East off county road
 Distance & Direction from Hwy Jct or Town: From Anthony, Ks. go ±10 miles West on St. Hwy. 14-2, then ±1 mile South on county road to the SE Cor. of Sec. 30-T33S-R8W

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

Distances shown in (parenthesis) are calculated based on (bracketed) are based on QLS (General Land Office) distances and have NOT been measured on the ground.

[A boundary survey of the add section(s) shown herein was not performed per the request of the operator shown herein.]

Well No.: 1H
 ELEVATION: 1305' Gr. at Stake

DATUM: NAD-27
 LAT: 37°08'17.7"N
 LONG: 98°13'37.0"W
 LAT: 37.138258612° N
 LONG: 98.226934577° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2079603
 Y: 171832

Date of Drawing: Feb. 18, 2015
 Invoice # 240232 Date Staked: Feb. 17, 2015 LC

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.

