

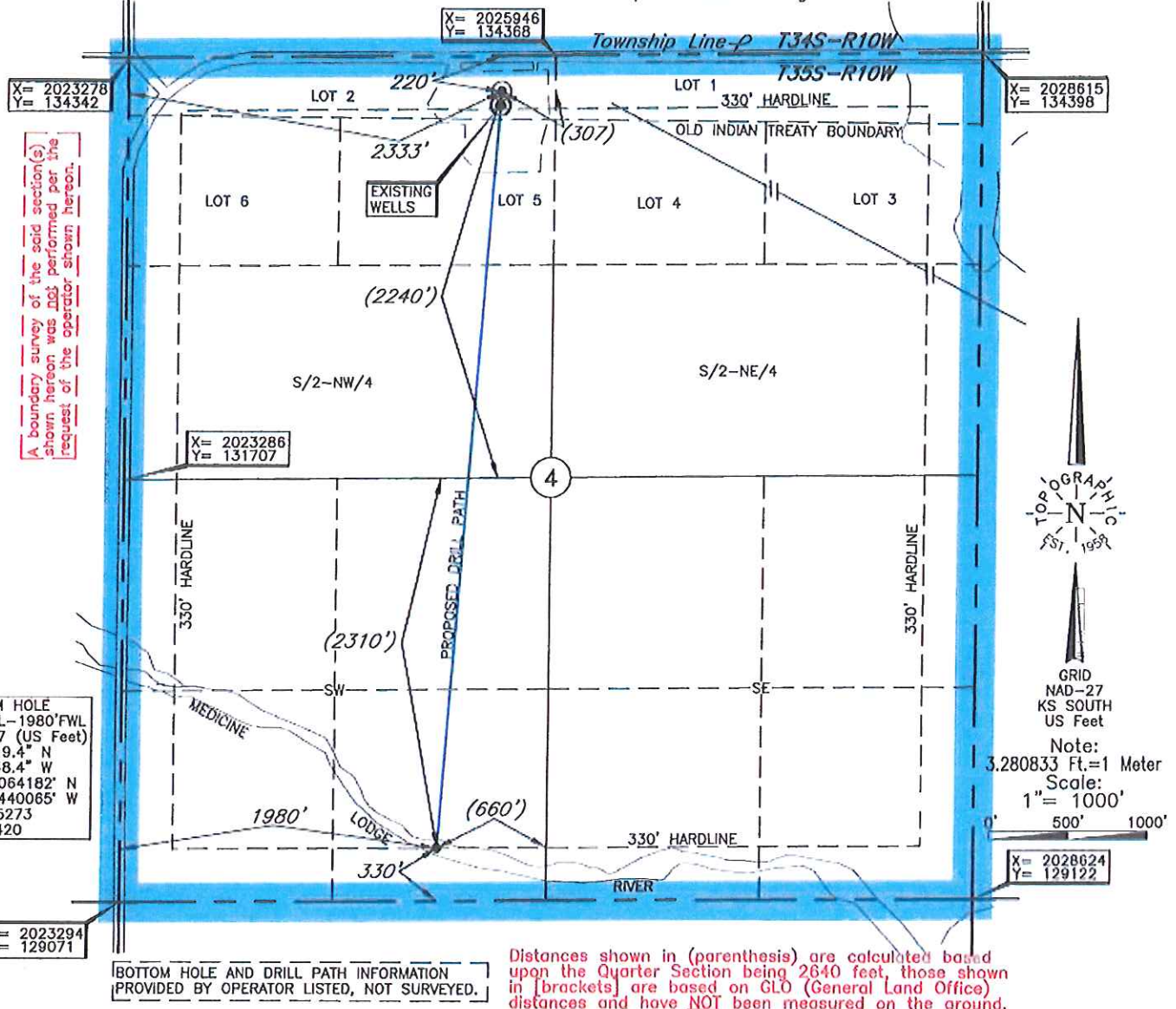
**TOPOGRAPHIC LAND SURVEYORS**

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 - 2333'FWL Section 4 Township 35S Range 10W P.M.



**BOTTOM HOLE**  
 330'FSL-1980'FWL  
 NAD-27 (US Feet)  
 37°01'19.4" N  
 98°24'48.4" W  
 37.022064182° N  
 98.413440065° W  
 X=2025273  
 Y=129420

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

Operator: TAPSTONE ENERGY

Lease Name: HARRY 4-35-10

Well No.: 2H

**ELEVATION:**  
1311' Gr. at level pad

Topography & Vegetation Loc. fell on existing level pad, ±90' North of existing well

Good Drill Site? Yes Reference Stakes or Alternate Location  
 Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jct or Town From Kiowa, KS, go ±3.5 mi. East, then ±1.25 mi. North to the

NW Cor. of Sec. 4-T35S-R10W

DATUM: NAD-27  
 LAT: 37°02'06.1"N  
 LONG: 98°24'44.1"W  
 LAT: 37.035040151° N  
 LONG: 98.412263813° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2025611  
 Y: 134145

Date of Drawing: Sep. 05, 2014  
 Invoice # 230058 Date Staked: Sep. 04, 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



This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy