

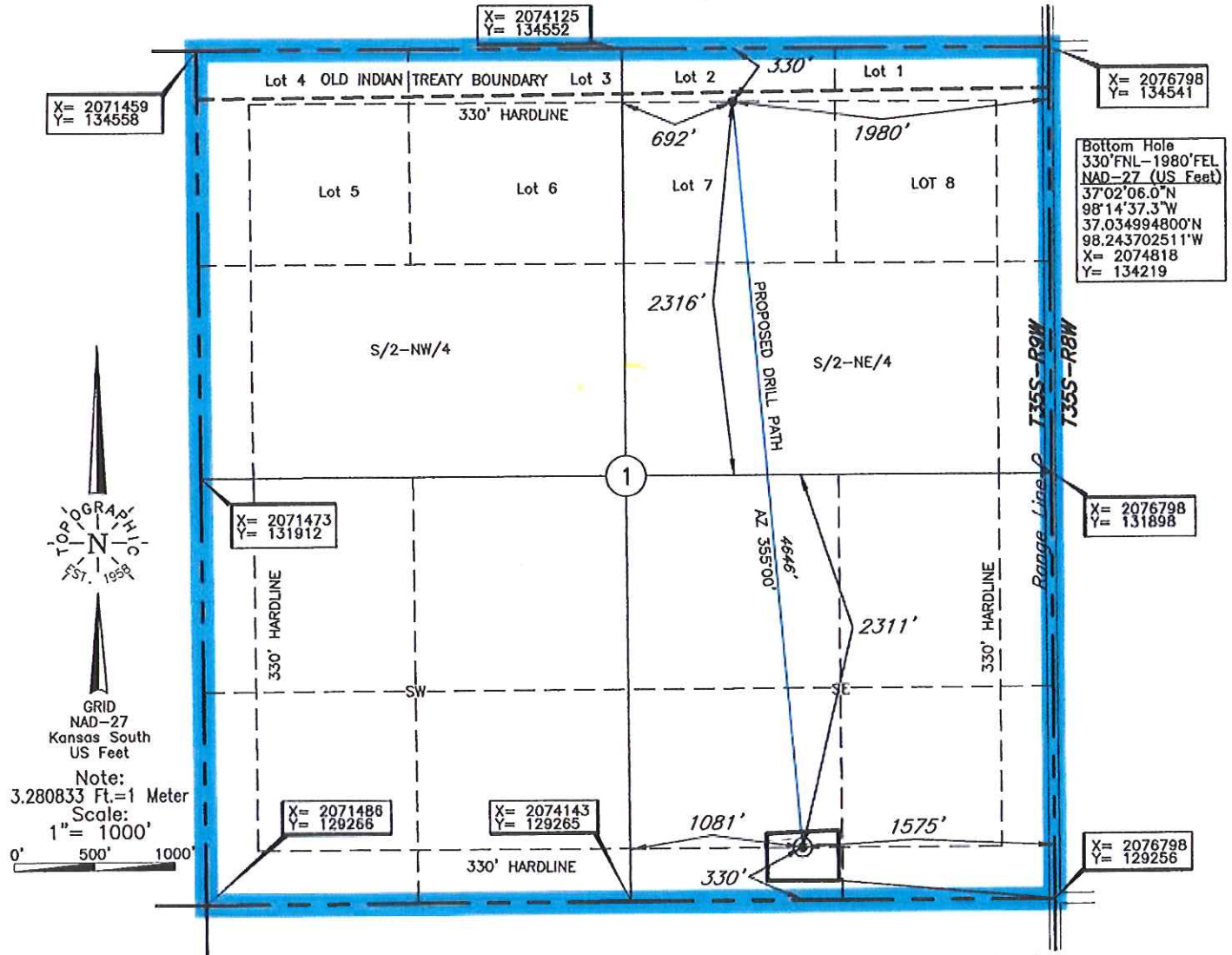
**TOPOGRAPHIC LAND SURVEYORS**

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

330'FSL-1575'FEL Section 1 Township 35S Range 9W P.M.



Bottom Hole  
 330'FNL-1980'FEL  
 NAD-27 (US Feet)  
 37°02'06.0"N  
 98°14'37.3"W  
 37.034994800°N  
 98.243702511°W  
 X= 2074818  
 Y= 134219

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

**NOTE:**  
 The information shown herein is for construction purposes ONLY.

Operator: TAPSTONE ENERGY

Lease Name: CHAIN LAND 3509

Well No.: 1-3H

**ELEVATION:**  
1249' Gr. at Stake

Topography & Vegetation Loc. fell at level existing pad ±7' West of Cellar

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 county road to new lease road, then go East ±2.1 mi. NE-E on lease road to SW corner of Section

1-T35S-R9W

Date of Drawing: Apr. 21, 2014

Invoice # 220484A Date Staked: Apr. 16, 2014

JAL

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy)  
 DATUM: NAD-27  
 LAT: 37°01'20.2"N  
 LONG: 98°14'32.5"W  
 LAT: 37.022281523°N  
 LONG: 98.242358691°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2075223  
 Y: 129591

**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.

