

TOPOGRAPHIC LAND SURVEYORS

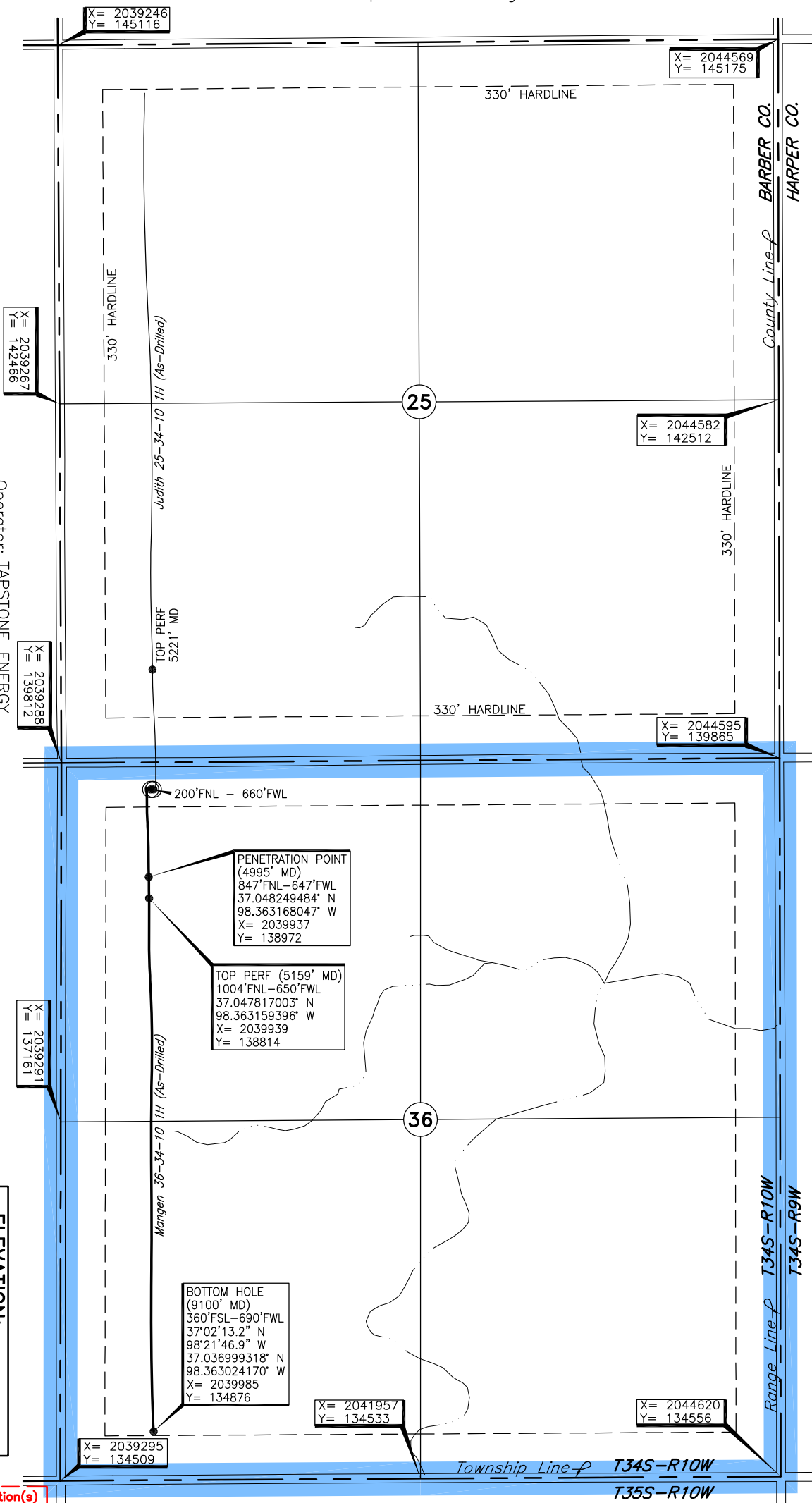
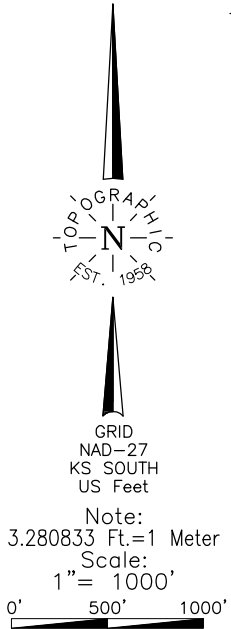
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015

BARBER

County, Kansas

200'FNL - 660'FWL Section 36 Township 34S Range 10W P.M.



Operator: TAPSTONE ENERGY
 Lease Name: MANGEN 36-34-10
 Topography & Vegetation: Loc. fell in gently sloping wheat field
 Well No.: 1H
 ELEVATION: 1301' Gr. at Stake

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

Best Accessibility to Location: From North off county road
 Distance & Direction: From Kiowa, KS, go ±3.5 mi. East on paved road, then ±1.3 mi. North, then ±3.0 mi. East, then ±1.0 mi. North to the NW Cor. of Sec. 36-T34S-R10W

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°03'00.1"N
 LONG: 98°21'47.2"W
 LAT: 37.050026017° N
 LONG: 98.363123264° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2039949
 Y: 139619

238167 Date of Drawing: Dec. 23, 2014
 Invoice # 232758A Date Staked: Oct. 22, 2014 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
 FURNISHED BY TAPSTONE ENERGY