

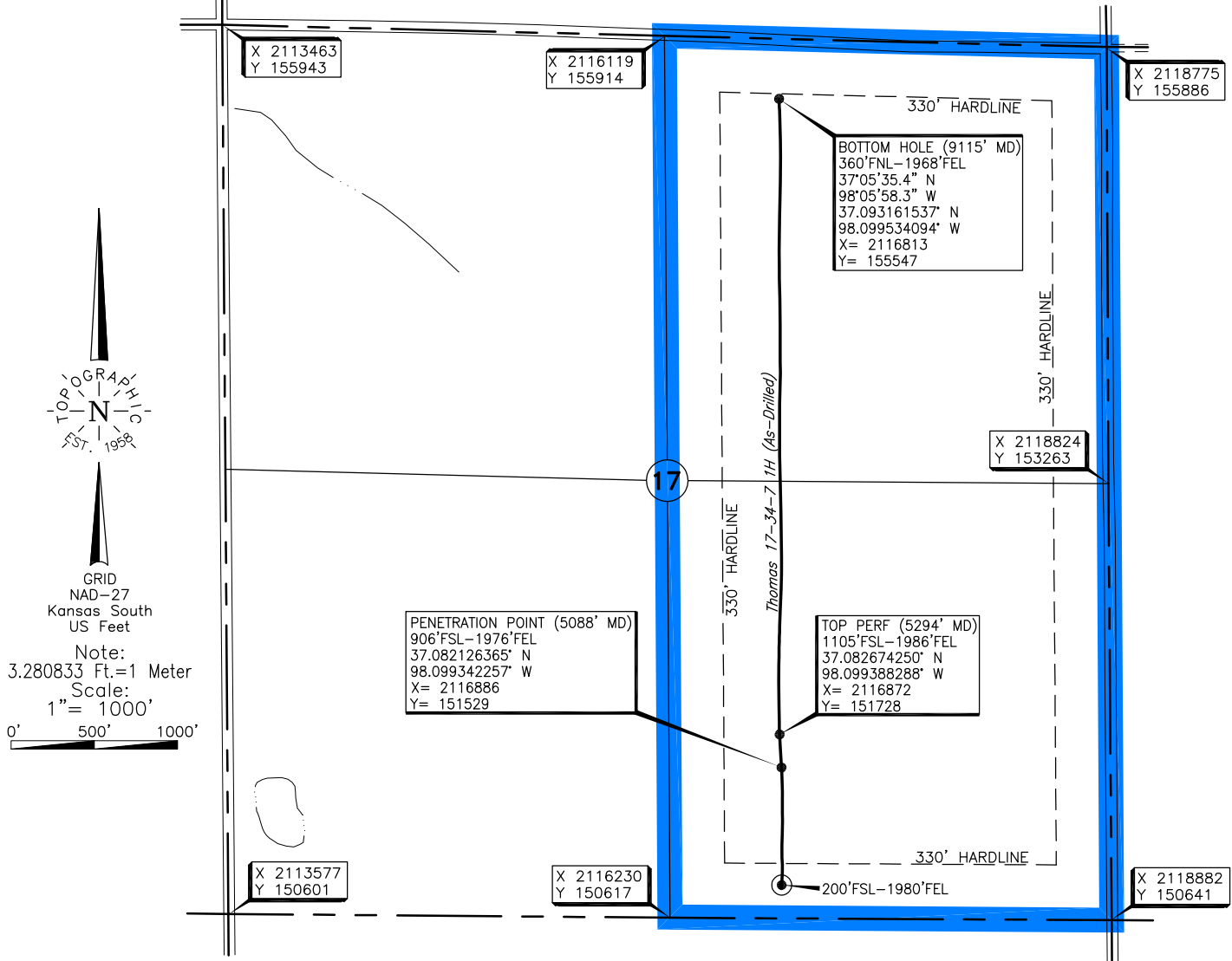
**TOPOGRAPHIC LAND SURVEYORS**

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 17 Township 34S Range 7W P.M.



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

Operator: TAPSTONE ENERGY

Lease Name: THOMAS 17-34-7

Well No.: 1H

**ELEVATION:**  
1395' Gr. at Stake

Topography & Vegetation Location fell in terraced wheat field on a hill top.

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

Best Accessibility to Location From county road East of well location.

Distance & Direction from Hwy Jct or Town From Waldron, go North ±4 miles, then East ±5 miles, then North ±1 mile to the Southeast corner of Section 17, T34S-R7W.

DATUM: NAD-27  
 LAT: 37°04'48.7"N  
 LONG: 98°05'57.5"W  
 LAT: 37.080188146°N  
 LONG: 98.099313691°W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2116897  
 Y: 150823

240811 Date of Drawing: Feb. 24, 2015  
 Invoice # 238598 Date Staked: Jan. 14, 2015 JP

**FINAL AS-DRILLED PLAT**

AS-DRILLED INFORMATION  
 FURNISHED BY TAPSTONE ENERGY

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