

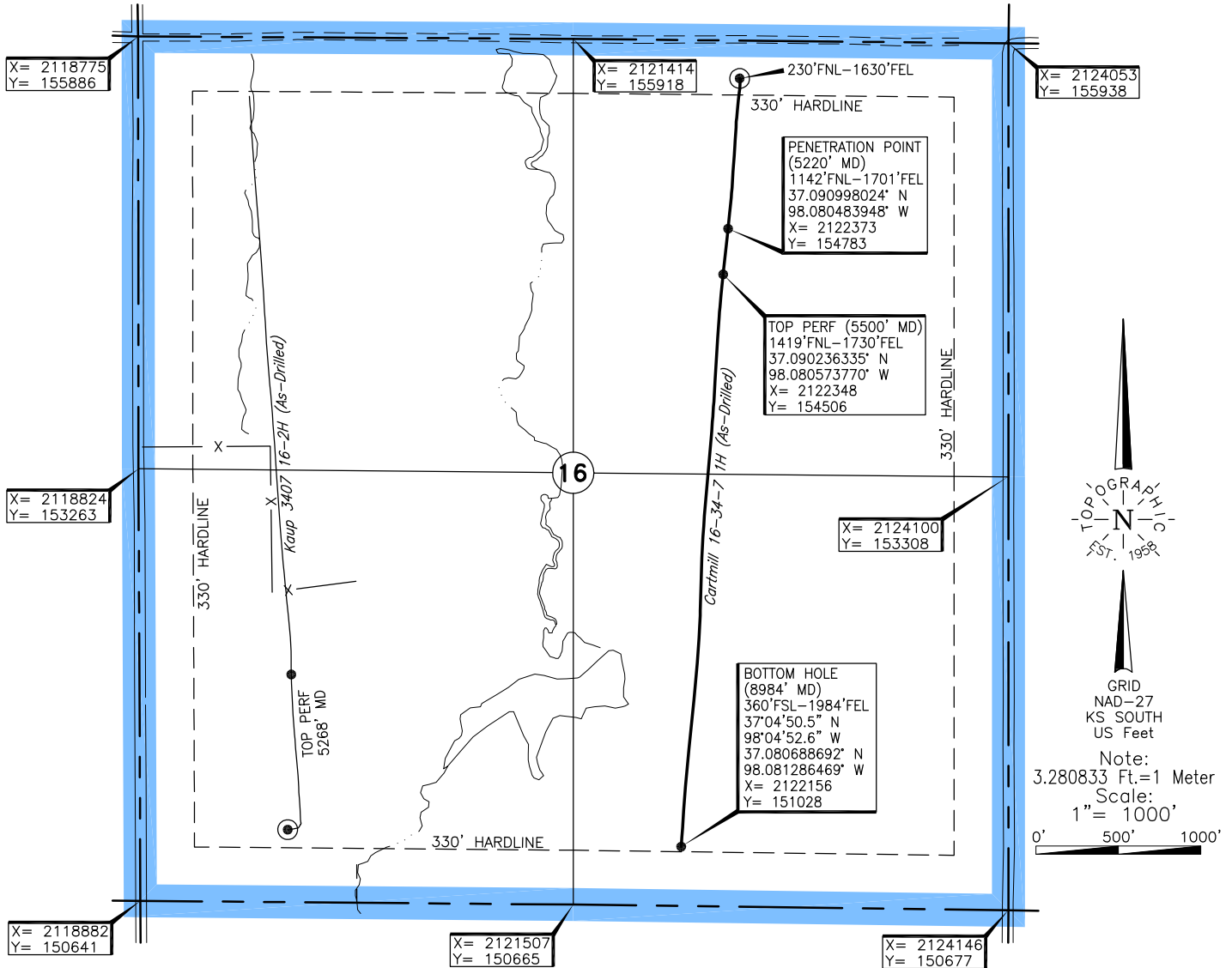
**TOPOGRAPHIC LAND SURVEYORS**

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

230'FNL - 1630'FEL Section 16 Township 34S Range 7W P.M.



Operator: TAPSTONE ENERGY

Lease Name: CARTMILL 16-34-7

Well No.: 1H

**ELEVATION:**  
1348' Gr. At Stake

Topography & Vegetation Location fell in sloped, terraced pasture, ±160' South of drain.

Good Drill Site? Yes

Reference Stakes or Alternate Location  
 Stakes Set None

Best Accessibility to Location From lease road North of well location.

Distance & Direction  
 from Hwy Jct or Town From Anthony, KS, go ±2.0 mi. West on St. Hwy. 14, then ±4.0 mi. South, then 0.5 miles West to the Northeast Corner of Section 16, T34S-R7W.

DATUM: NAD-27  
 LAT: 37°05'36.6"N  
 LONG: 98°04'49.0"W  
 LAT: 37.093504283° N  
 LONG: 98.080284631° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2122427  
 Y: 155696

246444 Date of Drawing: June 23, 2015  
 Invoice # 242719 Date Staked: April 2, 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.