

TOPOGRAPHIC LAND SURVEYORS

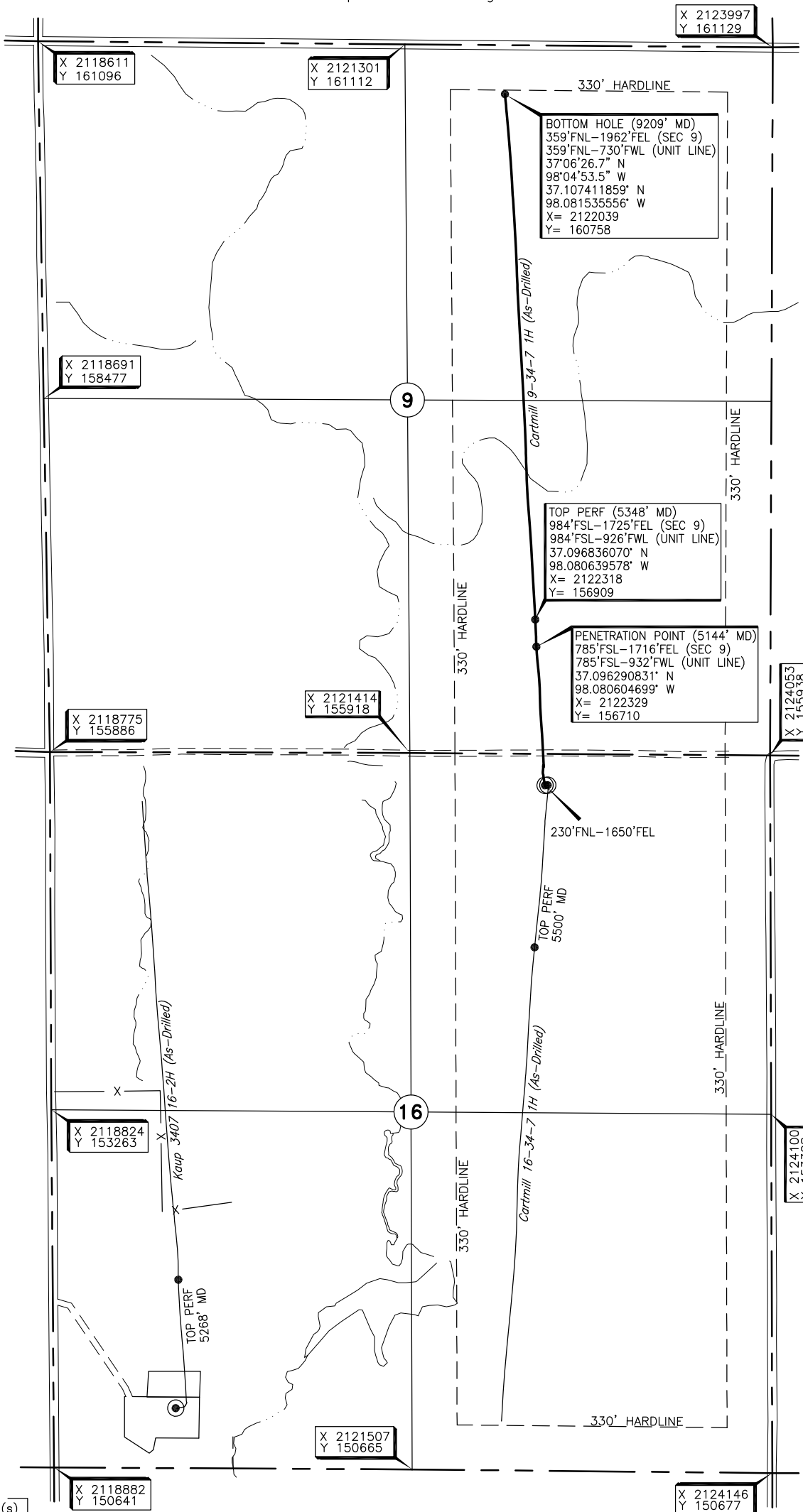
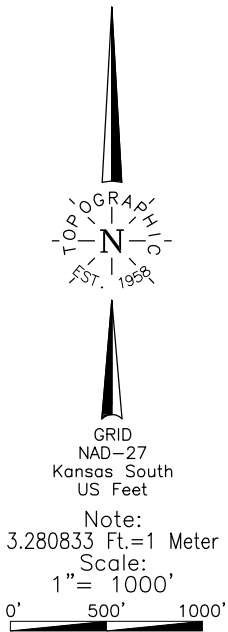
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

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

HARPER

County, Kansas

230'FNL - 1650'FEL Section 16 Township 34S Range 7W P.M.



Operator: TAPSTONE ENERGY
 Lease Name: CARTMILL 9-34-7
 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 county road West of well location.
 Distance & Direction From Hwy Jct or Town From Anthony, KS, go ±2.0 miles West on St. Hwy. 14, then 4.0 miles South, then ±0.5 mile West to the Northeast Corner of Section 16, T34S-R7W.
 Well No.: 1H
 ELEVATION: 1348' Gr. at Stake

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°05'36.6" N
 LONG: 98°04'49.3" W
 LAT: 37.093501784° N
 LONG: 98.080353212° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2122407
 Y: 155695

247184 Date of Drawing: July 06, 2015
 Invoice # 242719A Date Staked: April 2, 2015 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
 FURNISHED BY TAPSTONE ENERGY