

TOPOGRAPHIC LAND SURVEYORS

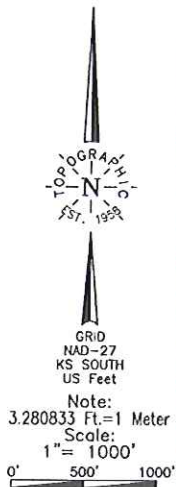
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015

HARPER

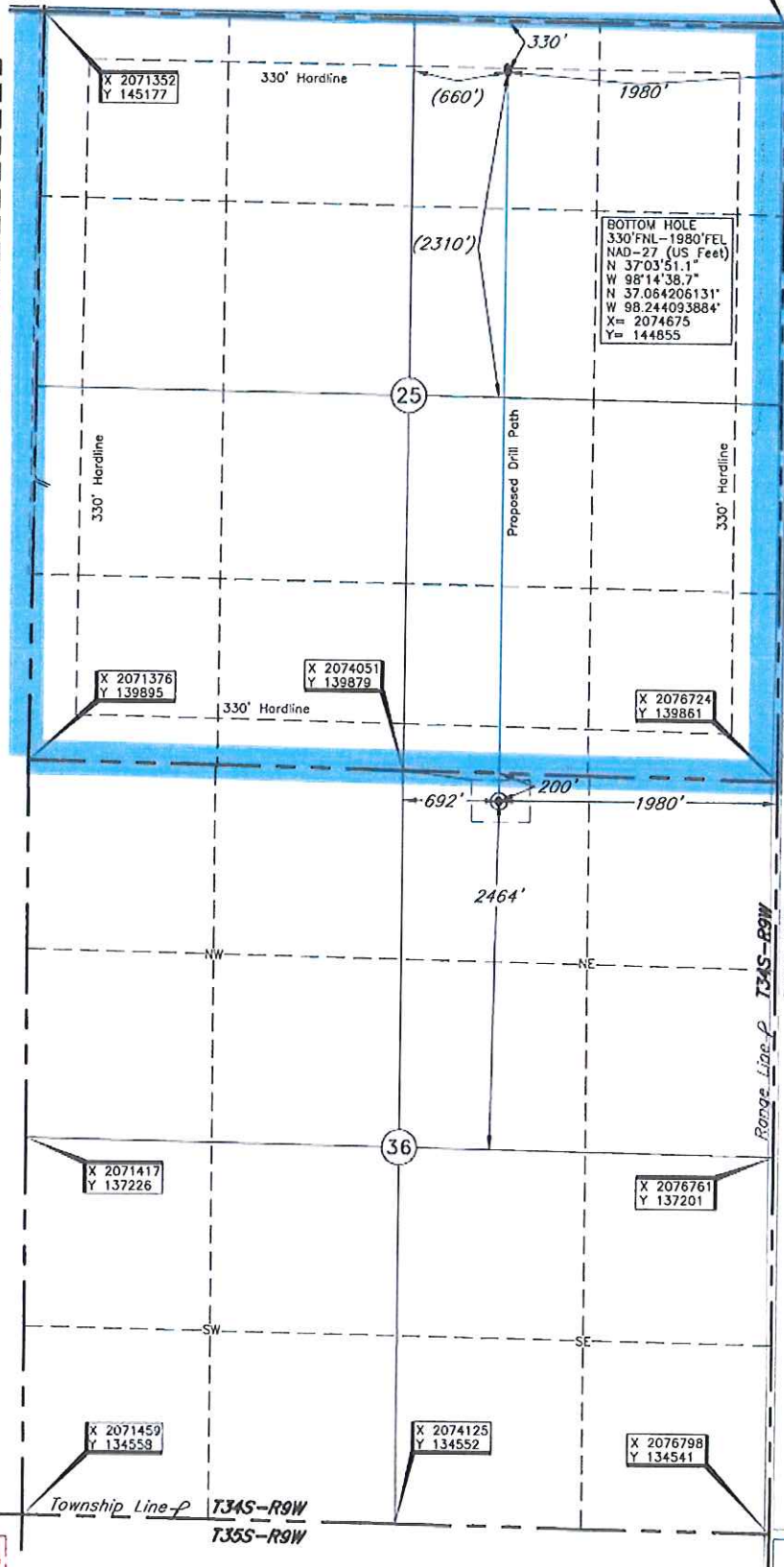
County, Kansas

1980' FEL-200' FNL Section 36 Township 34S Range 9W P.M.

X 2076650
Y 145190



BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.
 Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.



Operator: TAPSTONE ENERGY
Lease Name: MARK 25-34-9
Topography & Vegetation Loc.: fell in pasture on small sandy hill
Good Drill Site? Yes
Best Accessibility to Location: East off of county road
Distance & Direction from Hwy Jet or Town: From Waldron, KS, go #4.5 miles North, then #3 miles West then #1.0 miles South to the NE corner of Sec. 36-134S-R9W
Reference Stakes or Alternate Location: Stakes Set None
Well No.: 1H
ELEVATION: 1273' Gr. at Stake

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

Revision A Oct. 13, 2014
 Invoice # 231498 Date Staked: Oct. 9, 2014

DATUM: NAD-27
LAT: 37°02'59.9"N
LONG: 98°14'38.0"W
LAT: 37.049977136°N
LONG: 98.243895871°W
STATE PLANE COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2074747
Y: 139674

CERTIFICATE:

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

