

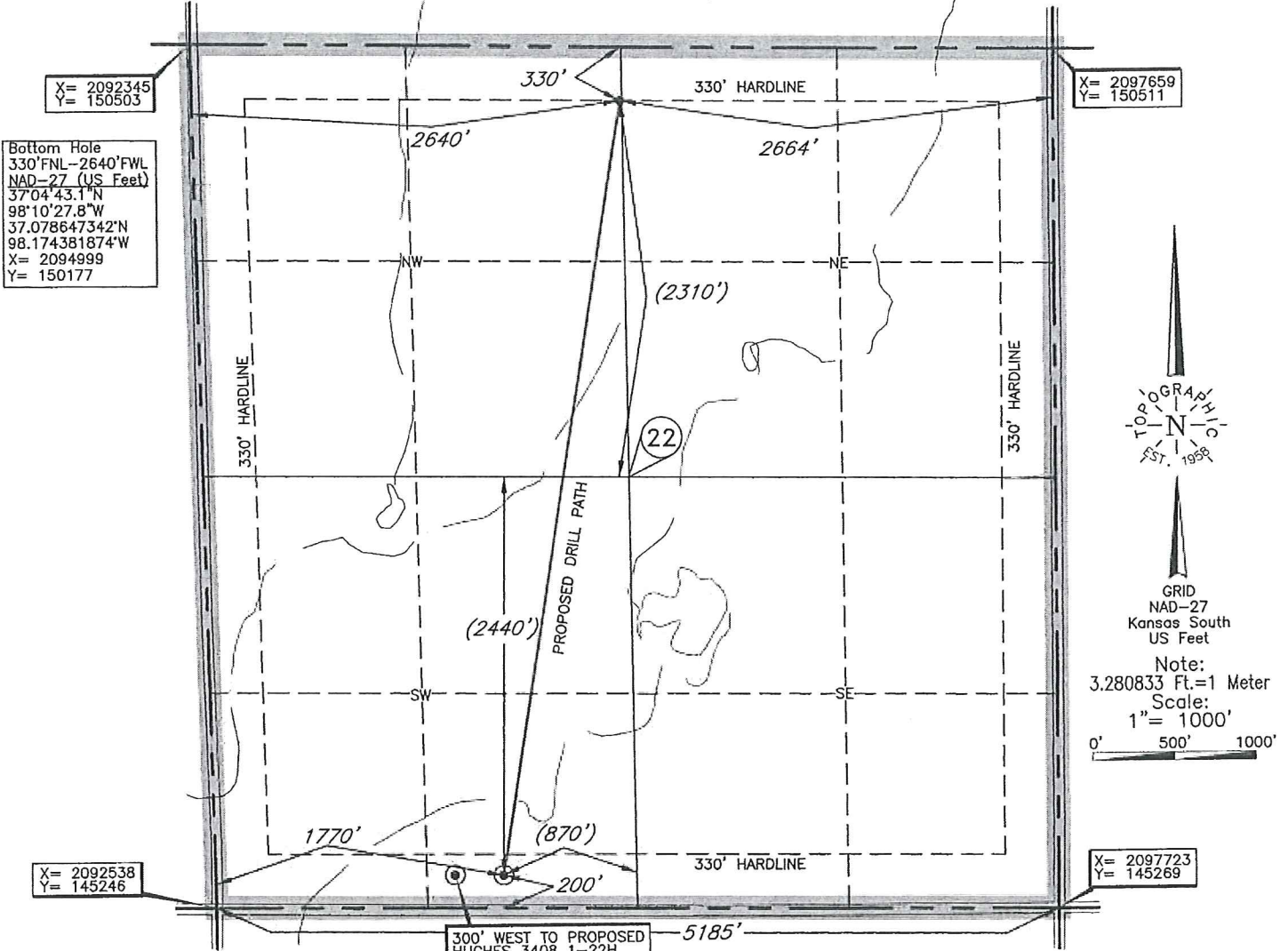
TOPOGRAPHIC LAND SURVEYORS

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-1770'FWL Section 22 Township 34S Range 8W P.M.



Bottom Hole and Drill Path information provided by operator listed, NOT Surveyed; distance

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 NOI been measured on the ground.

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

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: HUGHES 3408 Well No.: 2-22H **ELEVATION:** 1299' Gr. at Stake
 Topography & Vegetation Loc. fell near top of hill in sloped maze field
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location Form South off county road
 Distance & Direction from Hwy Jct or Town Form Waldron, KS., go ±4.0 mi North to the SW corner of Section 22-T34S-R8W

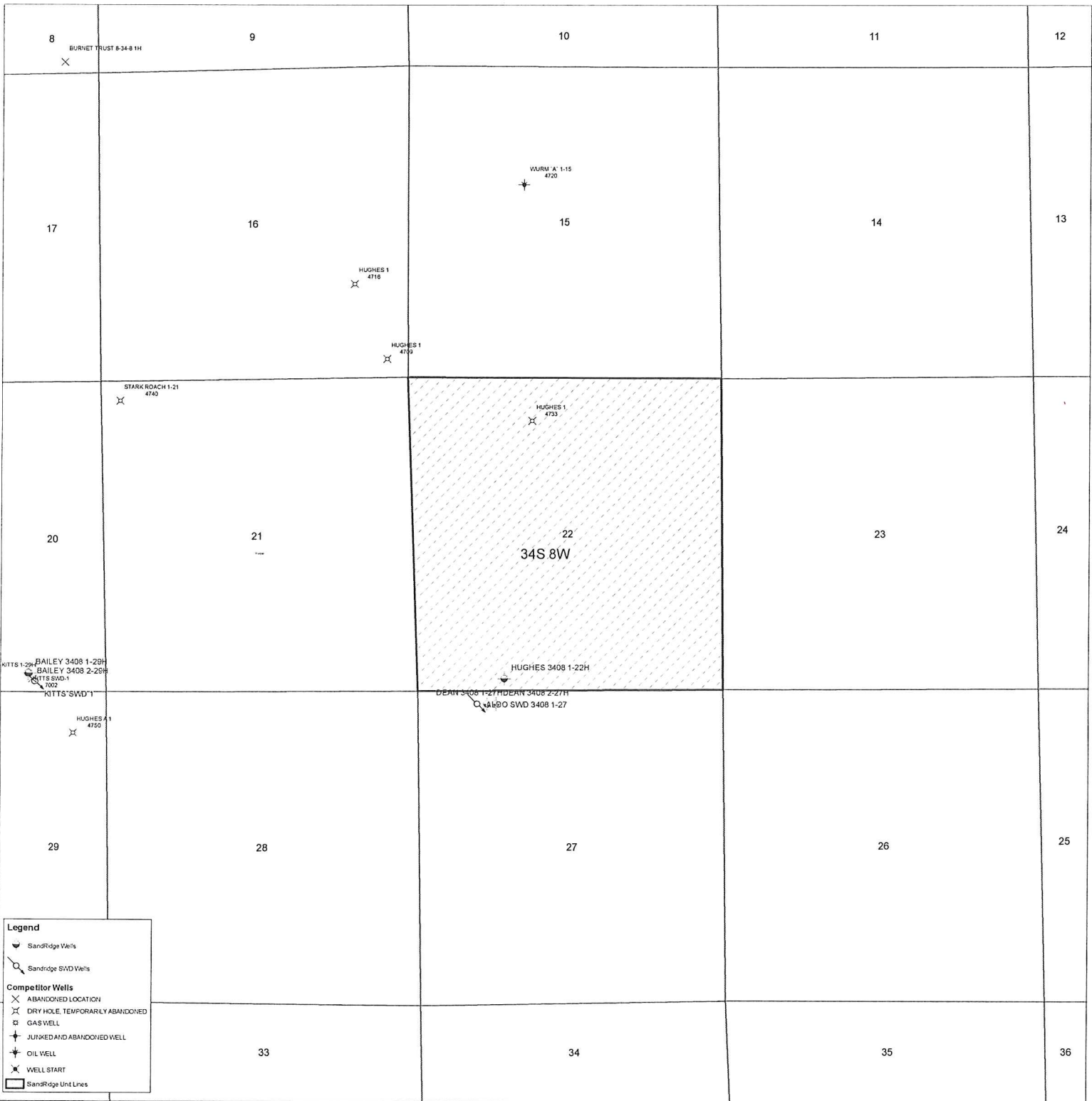
This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy

DATUM: NAD-27
 LAT: 37°03'56.5"N
 LONG: 98°10'36.6"W
 LAT: 37.065684873°N
 LONG: 98.176826818°W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2094302
 Y: 145455

Date of Drawing: Jun. 23, 2014
 Invoice #225181A Date Staked: Jun. 19, 2014 JAL

CERTIFICATE:
 I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.





Hughes 3408 2-22H
Lease Information Sheet

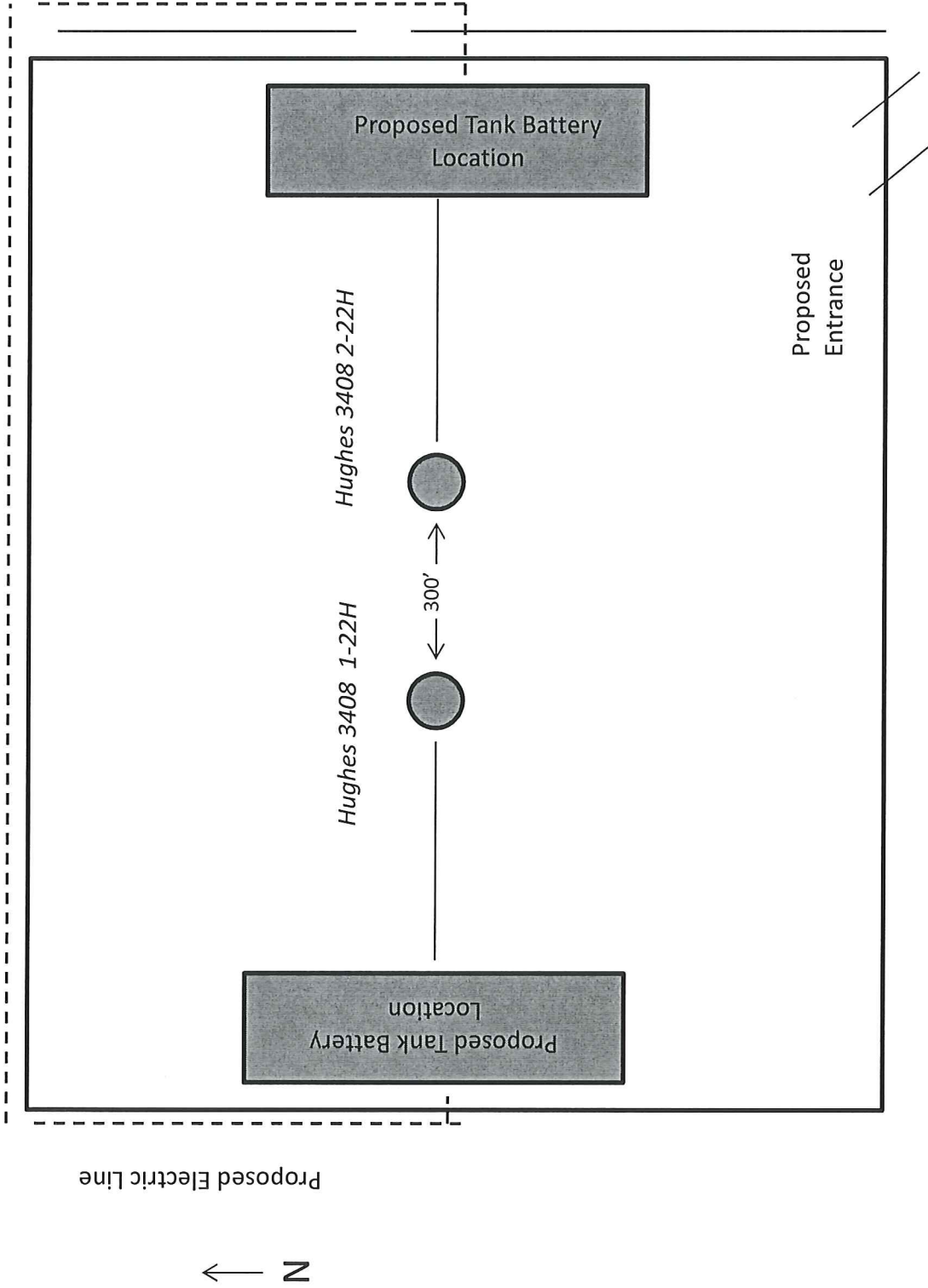
Unit Description:

All of Section 22, T34S - R08W
Harper County

Surface Owner:

Rush Creek, LLC
154 W Hwy 2
Anthony, KS 67003

Hughes 3408 1-22H & Hughes 3408 2-22H



This plat is proposed information. Final information could change. Always refer to Survey Plat for exact well location