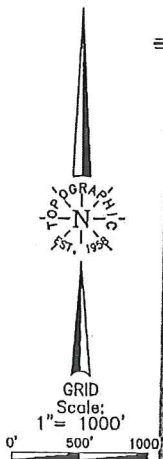
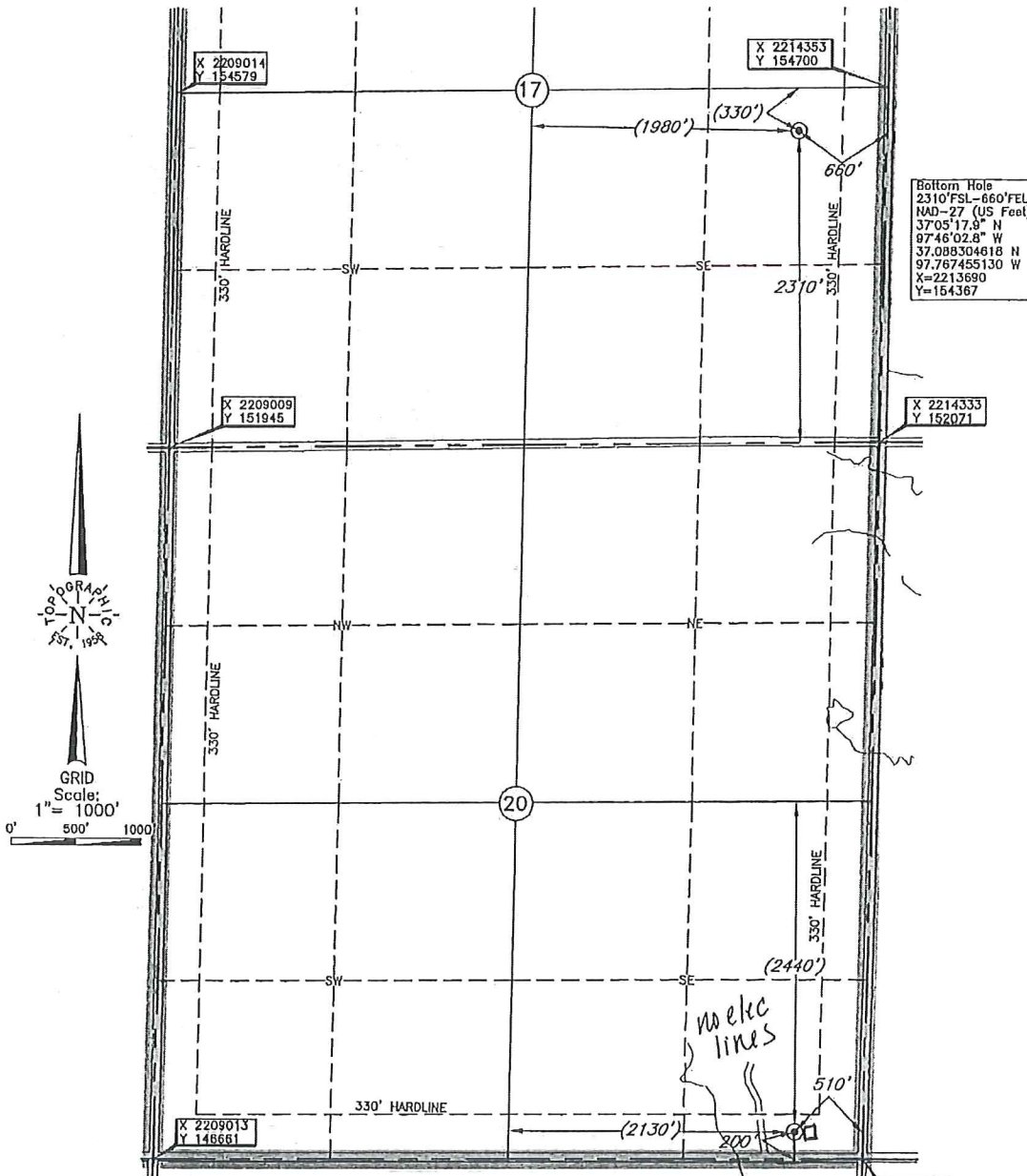


TOPOGRAPHIC LAND SURVEYORS
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73118 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3210
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013

SUMNER County, Kansas
 200'FSL-510'FEL Section 20 Township 34S Range 4W P.M.



Bottom Hole Information Provided by Operator Listed, NOT Surveyed. Corner Coordinates are Taken from Points Surveyed in the Field.

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: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: PETER 3404 Well No.: 1-20H ELEVATION: 1220' Gr. at Stake

Topography & Vegetation Loc. fell in sloped wheat field 443' SE of old house

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

Best Accessibility to Location From South off county road

Distance & Direction From Hwy Jct or Town From Caldwell, Ks, go ±3 miles North, then ±9 miles West to the SE Cor. of Sec. 20-T34S-R4W

DATUM: NAD-27
 LAT: 37°04'04.6"N
 LONG: 97°46'02.0"W
 LAT: 37.067935061
 LONG: 97.767226086
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KANSAS SOUTH
 X: 2213815
 Y: 146951

Revision A Date of Drawing: Dec. 10, 2012
 Invoice # 192238 Date Staked: Oct. 31, 2012 LC

CERTIFICATE:
 I, Michael Blake Brown 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.

