

**TOPOGRAPHIC LAND SURVEYORS**

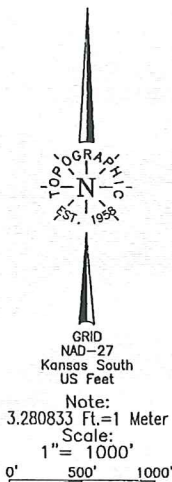
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013

SUMNER

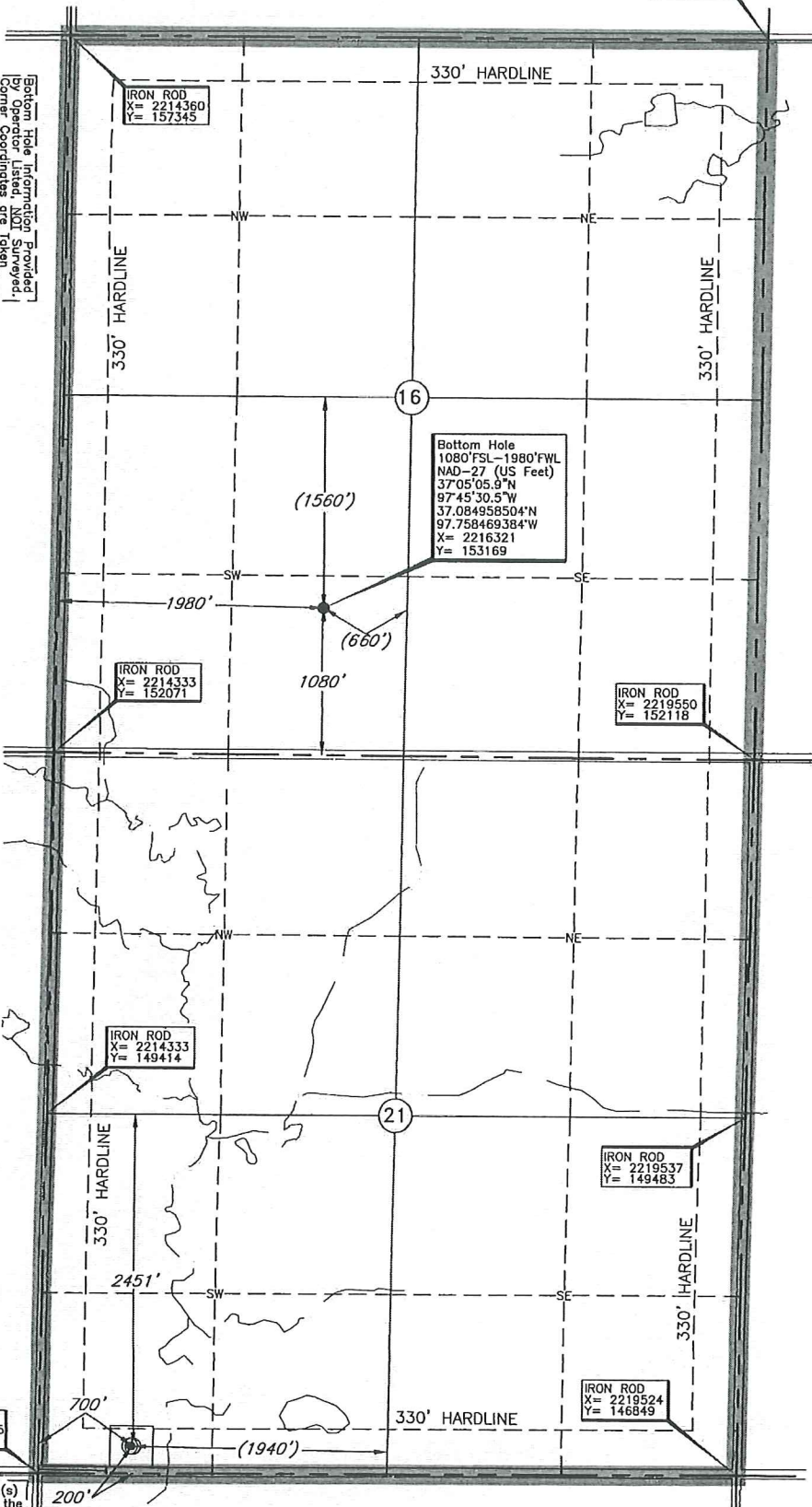
County, Kansas

200' FSL-700' FWL Section 21 Township 34S Range 4W P.M.

IRON ROD  
 X= 2219563  
 Y= 157383



Bottom Hole Information Provided  
 (Corner Coordinates are taken  
 from Points Surveyed in the Field.)  
 Distances shown in parentheses are calculated based  
 upon the Quarter Section being 2840 feet, those shown  
 in brackets are based on GSD (General Land Office)  
 distances and have NOT been measured on the ground.



Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC  
 Lease Name: ANN 3404  
 Well No.: 2-21H  
 Topography & Vegetation: Loc. fell in sloped, terraced plowed field.  
 ELEVATION: 1201' Gr. at Stake  
 Good Drill Site? Yes  
 Reference Stakes or Alternate Location: Stakes Set None  
 Best Accessibility to Location: From South of county road  
 Distance & Direction: From the Jct. of St. Hwy. 49 North & US. Hwy. 84 South-East at Caldwell, KS.  
 90 ±3 miles North on St. Hwy. 49, then ±9 miles West to the SW Cor. of Sec. 21-T34S-R4W

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°04'04.7"N  
 LONG: 97°45'47.1"W  
 LAT: 37.067967950° N  
 LONG: 97.763076732° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KANSAS SOUTH  
 X: 2215026  
 Y: 146972

Invoice # 212703 Date Staked: Sep. 23, 2013 SM

**CERTIFICATE:**

I, T. Wayne Fisch 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.

