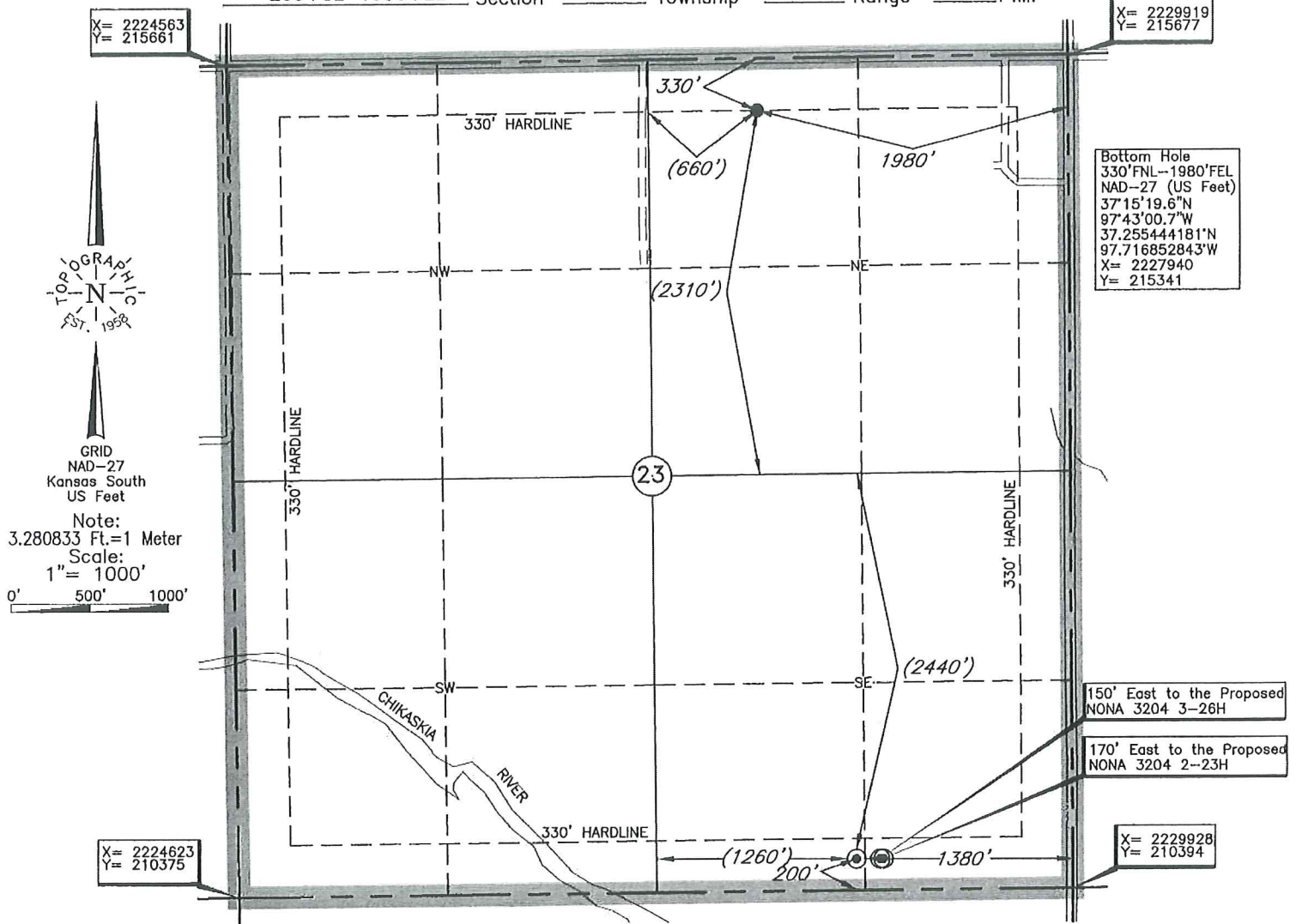


**TOPOGRAPHIC LAND SURVEYORS**

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

SUMNER County, Kansas

200'FSL-1380'FEL Section 23 Township 32S Range 4W P.M.



Bottom Hole  
 330'FNL-1980'FEL  
 NAD-27 (US Feet)  
 37°15'19.6"N  
 97°43'00.7"W  
 37.255444181°N  
 97.716852843°W  
 X= 2227940  
 Y= 215341

150' East to the Proposed  
 NONA 3204 3-26H

170' East to the Proposed  
 NONA 3204 2-23H

X= 2229928  
 Y= 210394

Bottom Hole 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.

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: NONA 3204

Well No.: 1-23H

**ELEVATION:**

1223' Gr. at level pad

Topography & Vegetation Loc. fell at level pad

Good Drill Site? Yes

Reference Stakes or Alternate Location  
 Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction  
 from Hwy Jct or Town From Argonia, KS, go ±3 miles East on US. Hwy. 160., then ±2  
miles South to the SE Cor. of Sec. 23-T32S-R4W

Date of Drawing: Jan. 20, 2014

Invoice # 214456B Date Staked: Jan. 17, 2014

LC

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27  
 LAT: 37°14'32.6"N  
 LONG: 97°42'53.6"W  
 LAT: 37.242378774° N  
 LONG: 97.714901708° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2228548  
 Y: 210589

**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.

